



# Bushnell

*Magnify Life*

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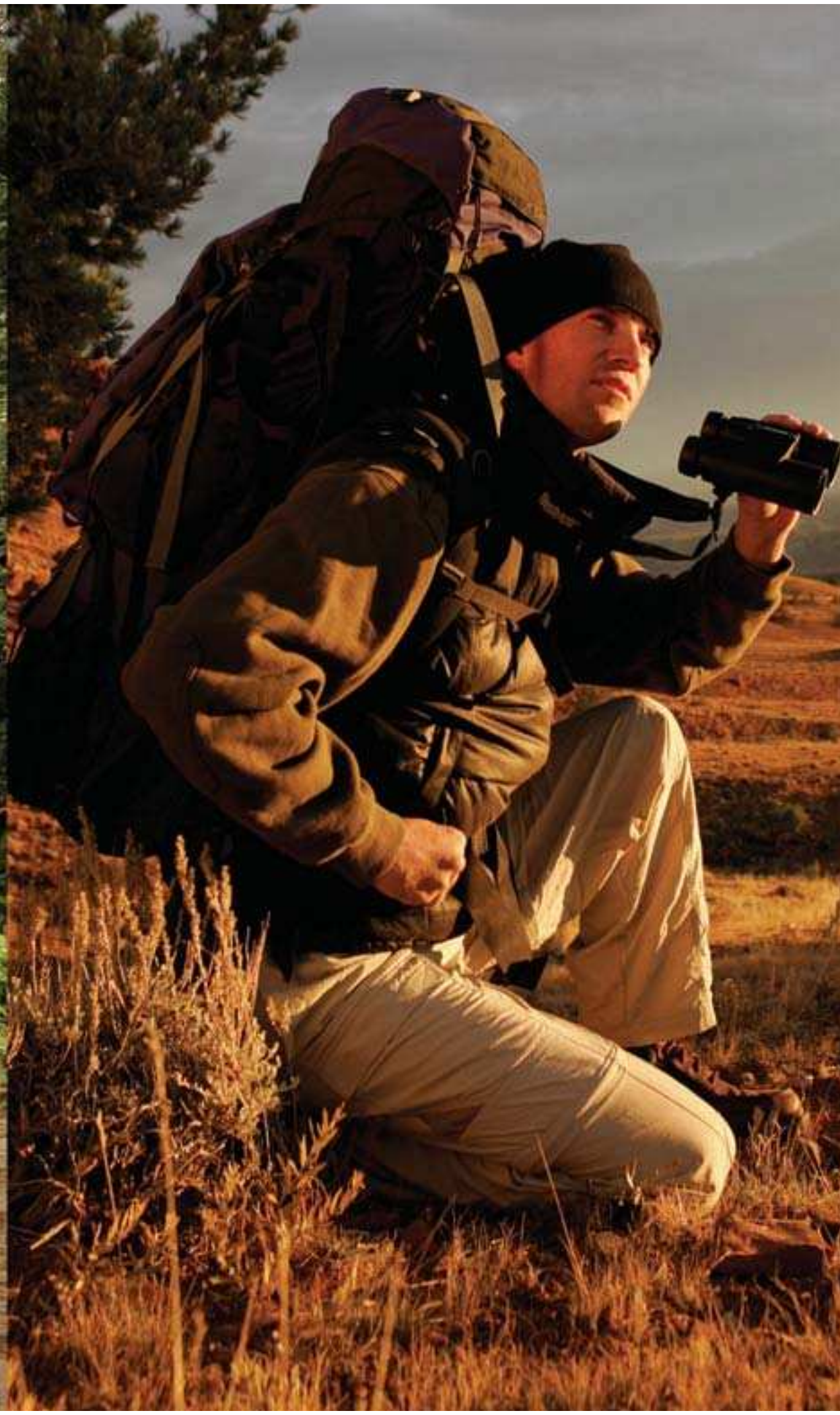
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CTB671



# Bushnell

*Magnify Life*

2007 Product Guide

*Inspired by the outdoors.  
Designed for the outdoors.*



**Binoculars** When you put binoculars and Bushnell® together, the possibilities are infinite. Introducing Infinity™, the newest addition to our prestigious line of premium binoculars. We'll go ahead and say it, if you can't find a pair of binoculars that fit your needs inside these pages, then they probably don't exist. **Pages 4-35**

**Telescopes** Aptly named, the new Discoverer® series of telescopes will be your personal guide to the galaxy's greatest treasures. A great complement to our existing line of telescopes, the Discoverer has new innovative features just waiting to be, well, discovered. **Pages 36-43**



**Spotting Scopes** Our impressive array of spotting scopes includes a model for every level of outdoor enthusiast. From our Elite® series, the pinnacle of brightness, clarity and precision, to our value-priced Sportview® series. **Pages 44-57**



**Sports Imaging** You could invest in an expensive telephoto lens – or you could simply pick up a pair of the new Bushnell Image View® digital imaging binoculars. Snap digital shots so close to the action, you'll feel like you're in the middle of it. **Pages 60-65**



**Laser Rangefinders** We have improved the finest family of laser rangefinders available today with our Elite 1500 with ARC that calculates bullet drop and compensates for elevation. We have also widened our range of golf rangefinders with two new additions : our Medalist that offers the latest Bushnell innovation at a more affordable price, and our new entry price X500. You now have no excuse if you miss the green.



**Pages 66-75**

**Night Vision** Our exciting new StealthView™ digital monocular features a powerful infrared spotlight. And there's much more to choose from in the form of monoculars, binoculars and goggles. **Pages 76-84**



**Digital Trail Cameras** The new Trail Scout™ Pro is not just new, it's better. With improved features like extended night vision, audio recording, and 5.0 MP high quality, full color images, this Trail Scout does everything but process your deer. **Pages 86-91**



## Table of Contents

Binoculars	4
Telescopes	36
Spotting Scopes	44
Sports Imaging	60
Laser Rangefinders	66
Night Vision	76
Flashlights	85
Trail Cameras	86



**Bushnell**  
*Magnify Life*

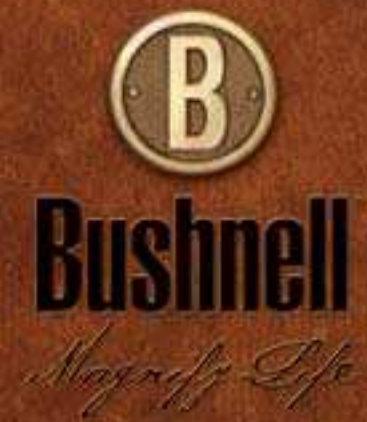
*True freedom.  
Only attained through profound connection.*



Elite	6
Elite e <sup>2</sup>	8
Infinity	9
Legend	10
Excursion	14
Trophy	16
Natureview	18
Custom Compact	20
Legacy WP	21
Tactical	22
Stableview	22
Marine	23
H2O	24
Hemisphere	26
Xtra-Wide	27
Perma-Focus	28
Voyager	29
Powerview	30
Falcon	34
Accessories	34
Terms	35

**It takes a sharp edge to clear life's underbrush.**

Bushnell® binoculars are just such a weapon. Raise them to your eyes and suddenly you're fused in grand fashion with the finer things. Released from the everyday to a boundless new realm of importance. For 50 years, we've been perfecting the art of escape through precision engineering and innovative thinking. We defied the weather with Rainguard®, stretched the day with XTR™ multi-coating and created from scratch the world's finest binoculars, Elite®. It's optical excellence driven by the magnified experience. Grab the world's best or simply the best for the money and make a break for it.





Elite Precision Optics by Bushnell - Products inspired by a combined commitment of heritage and innovation to create the sharpest, clearest and brightest optics in their class.

For Binoculars, Spotting Scopes and Laser Rangefinders, nothing compares to the ultimate in real-world performance of Elite Precision Optics. Elite Precision Optics by Bushnell – the ultimate in sporting optics performance.

**Brightness, clarity and resolution – nothing compares to what you see through Elite® binoculars.**

We started with a blank sheet of paper and let 50 years of excellence in the field lead us to the very pinnacle of performance in sporting optics. With a combined 90% light transmission, they're the brightest binoculars in their class. Premium BaK-4 roof prisms with PC-3® phase coating produce outstanding image clarity and contrast. Waterproof, fogproof construction and our patented Rainguard® coating keep your view clear in any weather. The shape and weight are perfection as well, thanks to a streamlined, ultra-light magnesium chassis. Like all true masterpieces, Elite binoculars transcend comparisons.

- Features:** Rainguard® water-repellent lens coating • XTR® technology • PC-3® phase coating • Fully multi-coated optics • BaK-4 roof prisms • O-ring sealed 100% waterproof/fogproof/dustproof construction • Long eye relief • Rugged yet light rubber-armored magnesium chassis with scratch-resistant powder coat • Center focus • Locking center diopter adjustment dial • Quick-connect secure strap and custom-molded case included



**Doubler 2.5x** 620001  
Transforms your Elite® binoculars into a spotting scope. Multiplies magnification by 2.5x. Features fully multi-coated optics, BaK-4 prisms and rugged rubber armor. Friction fit.



**10x 50mm** 621050  
**12.5x 50mm** 625012  
Optical perfection featuring a new larger objective for enhanced brightness and extended field of view.



- O-ring sealed hydrophobic/dustproof construction, nitrogen gas-purged, fogproof interior
- Extra-large precise focus knob
- Locking center diopter ring
- Twist-up locking eyecups
- Swiveling neck-strap attachments for quick connection and release
- Scratch-resistant electrostatic powder-coated, rubber-armored body
- Lightweight yet sturdy magnesium alloy chassis
- Fully multi-coated lenses with XTR® technology and Rainguard exterior layer for consistent clear viewing in any weather



**Lens Coatings:** An uncoated lens will reflect about 10% of the light that attempts to pass through it. Magnify that by as many as ten internal lenses and uncoated optics will produce a very dim image in even the brightest situation. A lens coating can reduce reflection to as little as 4%, and sophisticated multi-layered coating to as little as 2%. So, if properly applied, the more anti-reflection coatings applied to more exposed lens surfaces the better and brighter the final image will be. All Elite® binoculars are fully multi-coated with XTR® which means every lens surface is treated with multiple layers of special anti-reflection coating for the brightest image possible, allowing 99.73% of the light to pass through.

**Rainguard®:** Simply put, if you buy any optic that doesn't have our patented Rainguard lens coating, you're compromising. Featured on all Elite® products, this unique water-repellent coating causes water drops from rain, sleet, snow or condensation to bead up into much smaller droplets. These tiny droplets then scatter less light, resulting in a much clearer and brighter view.



All Elite binoculars feature PC-3® phase coating – a chemical coating that is applied to the prisms to enhance resolution and contrast for brighter, clearer images.



**8x 43mm** 624208  
Our top-of-the-line, premium light-gathering binocular.



**10x 43mm** 624201  
Premium long-range binocular – excellent for long-distance birding, hunting or wildlife observation.

**XTR® Technology:** As light passes through the many prisms and lenses of a roof-prism binocular, some light is usually lost along the way. Our exclusive new XTR technology – utilizing 60 layers of coatings on each prism – conserves, harnesses and optimizes the available light. XTR delivers an amazing 99.73% light transmission per lens for a combined light transmission of 90%, making the Bushnell Elite series the brightest binocular in its class.



Elite®  
Binoculars



**Bushnell**  
*Magnify Life*

MODEL	MAGNIFICATION x OBJ. LENS	SIZE CLASS	FOCUS SYSTEM	PRISM SYSTEM	PRISM GLASS	LENS COATING	FIELD OF VIEW ft.@1000yds. / m@1000m	CLOSE FOCUS (ft. / m)	EXIT PUPIL (mm)	EYE RELIEF (mm)	EYECUPS	WEIGHT (oz. / g)	WATER/FOG PROOF	ADAPT TO TRIPOD
624208	8x 43	Standard	Center	Roof	BaK-4	Fully Multi & XTR	372 / 124	8 / 2.4	5.4	19.5	Twist-Up	23 / 651	Yes	Yes
624201	10x 43	Standard	Center	Roof	BaK-4	Fully Multi & XTR	314 / 104	8 / 2.4	4.3	17	Twist-Up	23.3 / 661	Yes	Yes
621050	10x 50	Standard	Center	Roof	BaK-4	Fully Multi & XTR	288 / 96	10 / 3.1	5.0	17	Twist-Up	29 / 822	Yes	Yes
625012	12.5x 50	Standard	Center	Roof	BaK-4	Fully Multi & XTR	244 / 81.3	10 / 3.1	4.0	17	Twist-Up	29 / 822	Yes	Yes

# Elite e<sup>2</sup> Binoculars

**Proof there's room for two at the top.** Born of the original king of the mountain, our Elite e<sup>2</sup> brings super-premium clarity and brightness within the reach of most avid enthusiasts. Fully multi-coated and featuring our exclusive XTR technology, our new Advanced Fusion Hybrid Lens system delivers an amazing 99.7% light transmission, along with a level of edge-to-edge clarity and contrast unrivaled by anything in the price range. Our revolutionary Rainguard® coating eliminates lens fogging and scatters water droplets for an infallibly clear view. Elite e<sup>2</sup> binoculars are also 100% waterproof, fogproof and built around a tough, lightweight magnesium chassis.

**Features:** Advanced Fusion Hybrid Lens System • Rainguard® water-repellent lens coating • XTR® technology • PC-3® phase coating • Fully multi-coated optics • BaK-4 roof prisms • O-ring sealed 100% waterproof/fogproof/dustproof construction • Long eye relief • Rugged, yet light rubber-armored magnesium chassis with scratch-resistant powder coat • Locking center focus • Locking center diopter adjustment dial • Quick-connect secure strap and custom-molded case included



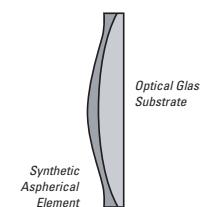
**NEW 8x 42mm** 628042  
A versatile choice for steady viewing with extended eye relief and a wider field of view.



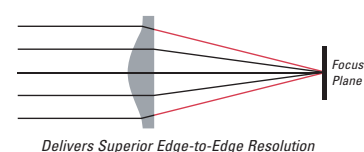
**NEW 10x 42mm** 620142  
High magnification cuts big country down to size.



### Hybrid-Fusion Technology



### Aspherical Lens



**The possibilities are infinite.** Can one pair of binoculars do it all? Hunting, sports, birding, camping ... the possibilities are infinite. Fortunately, we've designed a pair of binoculars that we feel confident in saying, these are the most versatile binoculars we've ever built. Introducing the Infinity™ binoculars by Bushnell.® Its lightweight open-bridge styling is a good example of the open-minded thinking that went into the unique design. Infinity optics are first-class, multi-coated and feature the new SHR (Super High Reflection) Prism Coating. Are they tough? Absolutely. Fogproof and waterproof, we cover them in a durable rubber armor coating. Bottom line? They're the perfect combination of lightweight construction, optical quality and rugged durability. Infinity by Bushnell, imagine the possibilities.



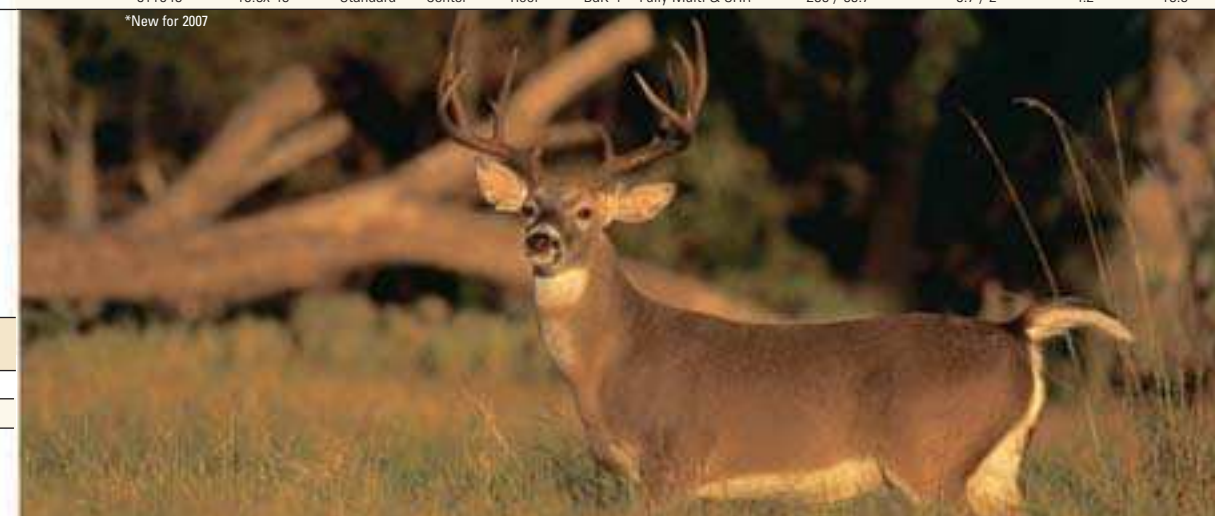
**NEW 8.5x 45mm** 618545  
Awesome field of view with more power and greater brightness.



**NEW 10.5x 45mm** 611045  
Increased magnification, long eye relief and optimum detail.

MODEL	MAGNIFICATION x OBJ. LENS	SIZE CLASS	FOCUS SYSTEM	PRISM SYSTEM	PRISM GLASS	LENS COATING	FIELD OF VIEW ft. @1000yds. / m @1000m	CLOSE FOCUS (ft. / m)	EXIT PUPIL (mm)	EYE RELIEF (mm)	EYECUPS	WEIGHT (oz. / g)	WATER/FOG PROOF	ADAPT TO TRIPOD
* 618545	8.5x 45	Standard	Center	Roof	BaK-4	Fully Multi & SHR	314 / 104.7	6.7 / 2	5.3	19.5	Twist-Up	25 / 708	Yes	Yes
* 611045	10.5x 45	Standard	Center	Roof	BaK-4	Fully Multi & SHR	299 / 99.7	6.7 / 2	4.2	15.5	Twist-Up	25.5 / 723	Yes	Yes

\*New for 2007



# Infinity™ Binoculars



**Light & bright.** Still the rugged standard for all-weather brightness and clarity, Legend® roof-prism binoculars are now slimmer and 20% lighter thanks to a new magnesium chassis. With their Rainguard® lens coating, waterproof, shockproof design and rubber armor, they're ready for anything you are. Fully multi-coated optics and high-quality BaK-4 prisms with PC-3® phase coating gather maximum light and produce brilliant color fidelity. Other design enhancements include improved twist-up eyecups. No matter the conditions, with Legend binoculars, the outlook is clear.



**8x 32mm** 133208  
**8x 32mm** 193209 Camo  
 Offered in black or Mossy Oak® New Break-Up.™ Excellent hunting magnification choice.



**8x 42mm** 134208  
 Excellent all-around hunting roof-prism binocular.



**12x 50mm** 195012  
 High-powered long-range binos.

**Features:** PC-3® phase-coated BaK-4 roof prisms • Fully multi-coated optics for maximum light transmission and optimum brightness • Heavy-duty, 100% waterproof/fogproof construction • Rainguard® water-repellent lens coating • Long eye relief • Twist-up eyecups allow quick adjustment for optimum eye relief • Large center-focus knob for precise focusing – even when wearing gloves • Trim, ergonomic shape for easy, all-day use • Textured, non-glare, non-slip rubber armor absorbs shock • Knurled diopter adjustment for precise and reliable adjustments • New lightweight magnesium chassis makes these binoculars slimmer and 20% lighter



**Rugged Rubber Armor:** Legend® family binoculars feature a tough rubber armor for protection during field use.

**10x 42mm** 130142  
**10x 42mm** 190143 camo

Excellent choice for long-range hunting – offered in both black and Mossy Oak® New Break-Up.™



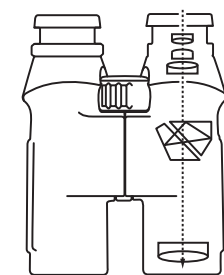
**Rainguard®:** Simply put, if you buy any optic that doesn't have



our patented Rainguard lens coating, you're compromising. This unique water-repellent coating causes water drops from rain, sleet, snow or condensation to bead up into much smaller droplets. These tiny droplets then scatter less light, resulting in a much clearer and brighter view.



**ROOF PRISM**



See terminology on pg. 35



**PC-3®, Phase-Coated BaK-4 Roof**

**Prisms:** Every Legend® roof-prism model features fully multi-coated optics – which means that every lens surface is treated with a special anti-reflection multi-coating for optimum light transmission and a brighter, sharper, higher-contrast image. In addition, they're built with the finest barium crown BaK-4 glass roof prisms, which are then "phase corrected" with our proprietary PC-3 phase coating. This compensates for phase shifts of light rays to deliver absolutely crisp images with the highest possible resolution of details.



**Waterproof:** Our waterproof products are air tight and dry nitrogen-sealed, so moisture stays out – even when they are submerged in water.

**Legend®  
 Roof Prism  
 Binoculars**



**Bushnell**  
*Magnify Life*

MODEL	MAGNIFICATION x OBJ. LENS	SIZE CLASS	FOCUS SYSTEM	PRISM SYSTEM	PRISM GLASS	PC-3® PHASE COATING	LENS COATING	RAIN-GUARD	FIELD OF VIEW ft.@1000yds. / m@1000m	CLOSE FOCUS (ft. / m)	EXIT PUPIL (mm)	EYE RELIEF (mm)	EYECUPS	WEIGHT (oz. / g)	WATER/FOG PROOF	ADAPT TO TRIPOD
133208	8x 32	Mid-Size	Center	Roof	BaK-4	Yes	Fully Multi	Yes	396/132	4/1.2	4.0	16	Twist-Up	22.2 / 629	Yes	Yes
193209	8x 32	Mid-Size	Center	Roof	BaK-4	Yes	Fully Multi	Yes	396/132	4/1.2	4.0	16	Twist-Up	22.2 / 629	Yes	Yes
134208	8x 42	Standard	Center	Roof	BaK-4	Yes	Fully Multi	Yes	330/110	6/1.8	5.25	18	Twist-Up	24.5 / 695	Yes	Yes
130142	10x 42	Standard	Center	Roof	BaK-4	Yes	Fully Multi	Yes	315/105	6/1.8	4.2	15	Twist-Up	24.9 / 706	Yes	Yes
190143	10x 42	Standard	Center	Roof	BaK-4	Yes	Fully Multi	Yes	315/105	6/1.8	4.2	15	Twist-Up	24.9 / 706	Yes	Yes
195012	12x 50	Standard	Center	Roof	BaK-4	Yes	Fully Multi	Yes	255/85	10/3.1	4.2	15	Twist-Up	28.6 / 811	Yes	Yes



**Bring these, and you can tell Mother Nature to bring it.**

Like the roof-prism models, the porro-prism Legend® binoculars lock out moisture and soak up abuse with housings that are O-ring sealed, nitrogen-purged and wrapped in rubber armor. The fully multi-coated optics are treated with our permanent, patented Rainguard® coating, so your view stays bright and clear when conditions don't. The wide-angle porro prisms are crafted of premium BaK-4 glass for stellar edge-to-edge sharpness and detail. So let the Old Mother throw or serve up whatever she wishes. She'll need a couple aspirin after a day with a Legend.



**8x 26mm** 190826  
**10x 26mm** 191026  
 A convenient, compact performer.



**8x 42mm** 190842  
 A versatile, all-purpose choice with a wider field of view.

**10x 50mm** 191050  
**12x 50mm** 191250  
 Magnum-powered viewing for big game and birds.



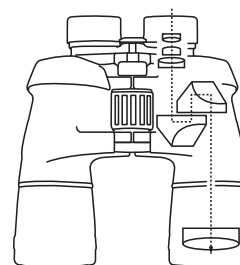
**Legend® Porro Prism Binoculars**

MODEL	MAGNIFICATION x OBJ. LENS	SIZE CLASS	FOCUS SYSTEM	PRISM SYSTEM	PRISM GLASS	LENS COATING	RAIN-GUARD	FIELD OF VIEW ft.@1000yds / m@1000m	CLOSE FOCUS (ft. / m)	EXIT PUPIL (mm)	EYE RELIEF (mm)	EYECUPS	WEIGHT (oz. / g)	WATER/FOG PROOF	ADAPT TO TRIPOD
190826	8x 26	Compact	Center	Porro	BaK-4	Fully Multi	Yes	290 / 96	10 / 3	3.25	14	Pop Up	14 / 397	Yes	No
191026	10x 26	Compact	Center	Porro	BaK-4	Fully Multi	Yes	262 / 87	10 / 3	2.6	15	Pop Up	15 / 425	Yes	No
190842	8x 42	Standard	Center	Porro	BaK-4	Fully Multi	Yes	430 / 143	12 / 3.6	5.25	17	Twist-Up	24 / 680	Yes	Yes
191050	10x 50	Standard	Center	Porro	BaK-4	Fully Multi	Yes	340 / 113	18 / 5.5	5.0	17	Twist-Up	28 / 794	Yes	Yes
191250	12x 50	Standard	Center	Porro	BaK-4	Fully Multi	Yes	290 / 96	20 / 6	4.2	17	Twist-Up	28 / 794	Yes	Yes



**Features:** BaK-4 porro prisms • Fully multi-coated optics for maximum light transmission and optimum brightness • Heavy-duty, 100% waterproof/fogproof construction • Rainguard® water-repellent lens coating • Twist-up eyecups allow quick adjustment for optimum eye relief • Pop-up eyecups on compacts • Large center-focus knob for precise focusing – even when wearing gloves • Trim, ergonomic shape for easy, all-day use • Textured, non-glare, non-slip rubber armor absorbs shock • Diopter adjustment for precise and reliable adjustments

**PORRO PRISM**



See terminology on pg. 35

**Fully Multi-Coated, BaK-4 Porro Prisms:** Like our Legend® roof-prism models, Legend porro-prism binoculars feature fully multi-coated optics, so every lens surface – on the inside and out – is specially treated to reduce light reflection and significantly increase brightness and image clarity. Our wide-angle porro prisms are made from premium-quality BaK-4 glass, which delivers a significantly brighter and clearer image from edge to edge.



**Waterproof:** Our waterproof products are air tight and dry-nitrogen sealed, so moisture stays out – even when they are submerged in water.





Try to embrace the sights of the outdoors and, most times, you're forced to settle for a quick handshake. Take along a set of our Excursion® binoculars and you'll have more time to take in the details. They stretch available light with fully multi-coated optics. And premium BaK-4 prisms with a PC-3® phase coating deliver outstanding color fidelity and sharpness. A lightweight composite chassis and streamlined, roof-prism design make them comfortable to carry.



- PHASE COATING (P3C)** Features: Wide field of view
- PC-3® phase coating for color fidelity and clarity of image
  - BaK-4 roof prisms • Fully multi-coated optics
  - 100% waterproof/fogproof construction
  - Large center-focus knob for precise focusing – even when wearing gloves • Long eye relief



- 8x 42mm 240842
- 8x 42mm 240843 camo
- 10x 42mm 241042
- 10x 42mm 241043 camo

Ideal magnification for viewing wildlife at long ranges.



- 8x 28mm 240828
- 10x 28mm 241028

Handy compacts packing big-time brightness and clarity.



- NEW**
- 8x 32mm 240834 Camo
  - 8x 32mm 240832
  - 10x 32mm 241032
- An easy-handling mid-size ideal for virtually any application.



# Excursion® Binoculars



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MODEL	MAGNIFICATION x OBJ. LENS	SIZE CLASS	FOCUS SYSTEM	PRISM SYSTEM	PRISM GLASS	LENS COATING	FIELD OF VIEW ft.@1000yds. / m@1000m	CLOSE FOCUS (ft. / m)	EXIT PUPIL (mm)	EYE RELIEF (mm)	EYECUPS	WEIGHT (oz. / g)	WATER/FOG PROOF	ADAPT TO TRIPOD
240842	8x 42	Standard	Center	Roof	BaK-4	Full Multi	426 / 142	7 / 2.1	5.25	17	Twist-Up	24.7 / 700	Yes	Yes
240843	8x 42	Standard	Center	Roof	BaK-4	Full Multi	426 / 142	7 / 2.1	5.25	17	Twist-Up	24.7 / 700	Yes	Yes
241042	10x 42	Standard	Center	Roof	BaK-4	Full Multi	340 / 113	7 / 2.1	4.2	15	Twist-Up	24.7 / 700	Yes	Yes
241043	10x 42	Standard	Center	Roof	BaK-4	Full Multi	340 / 113	7 / 2.1	4.2	15	Twist-Up	24.7 / 700	Yes	Yes
* 240834	8x 32	Mid-Size	Center	Roof	BaK-4	Full Multi	426 / 142	6 / 1.8	4	15	Twist-Up	20.5 / 581	Yes	Yes
240832	8x 32	Mid-Size	Center	Roof	BaK-4	Full Multi	426 / 142	6 / 1.8	4	15	Twist-Up	20.5 / 581	Yes	Yes
241032	10x 32	Mid-Size	Center	Roof	BaK-4	Full Multi	341 / 114	6 / 1.8	3.2	15	Twist-Up	20.5 / 581	Yes	Yes
240828	8x 28	Compact	Center	Roof	BaK-4	Full Multi	417 / 139	6 / 1.8	3.5	15	Twist-Up	15.2 / 431	Yes	Yes
241028	10x 28	Compact	Center	Roof	BaK-4	Full Multi	335 / 112	6 / 1.8	2.8	15	Twist-Up	15.2 / 431	Yes	Yes

\*New for 2007



**Quality of life is directly proportional to how much of it you spend outside.** If you answered "true," you'll find our Trophy® series the ideal lineup to cover all your pursuits, whether hunting, hiking, fishing or adding species to your life list. These binoculars are built tough, with a rubber-armor housing that's O-ring sealed and nitrogen purged for 100% waterproof/fogproof dependability. Fully multi-coated optics and premium BaK-4 roof prisms deliver sharp, bright images from edge to edge. See life's good stuff get better with Trophy binoculars in tow.



**8x 27mm** 230828  
**10x 27mm** 231028  
 Great pocket-sized hunting binoculars featuring Realtree Hardwoods® HD™ Grey.



**Features:** Our waterproof products are air-tight and dry-nitrogen sealed, so moisture stays out – even when they are submerged.



**8x 27mm** 230827  
**10x 27mm** 231027  
 Powerful, rubber-armored compacts produce bright, clear images.

**8x 42mm** 238042  
**10x 42mm** 230142  
 Rugged, long-range roof-prism design is excellent for outdoor travel.

**10x 50mm** 231050  
**12x 50mm** 231250  
 Outstanding long-range binoculars with large objective lens for superior light gathering.



Trophy®  
 Binoculars

MODEL	MAGNIFICATION x OBJ. LENS	SIZE CLASS	FOCUS SYSTEM	PRISM SYSTEM	PRISM GLASS	LENS COATING	FIELD OF VIEW ft.@1000yds. / m@1000m	CLOSE FOCUS (ft. / m)	EXIT PUPIL (mm)	EYE RELIEF (mm)	EYECUPS	WEIGHT (oz. / g)	WATER/FOG PROOF	ADAPT TO TRIPOD	MODEL	MAGNIFICATION x OBJ. LENS	SIZE CLASS	FOCUS SYSTEM	PRISM SYSTEM	PRISM GLASS	LENS COATING	FIELD OF VIEW ft.@1000yds. / m@1000m	CLOSE FOCUS (ft. / m)	EXIT PUPIL (mm)	EYE RELIEF (mm)	EYECUPS	WEIGHT (oz. / g)	WATER/FOG PROOF	ADAPT TO TRIPOD
230828	8x 27	Compact	Center	Roof	BaK-4	Fully Multi	370 / 123	7 / 2.1	3.4	13.4	Twist-Up	11 / 312	Yes	No	238042	8x 42	Standard	Center	Roof	BaK-4	Fully Multi	360 / 120	12 / 3.6	5.3	19	Twist-Up	25 / 765	Yes	Yes
230827	8x 27	Compact	Center	Roof	BaK-4	Fully Multi	370 / 123	7 / 2.1	3.4	13.4	Twist-Up	11 / 312	Yes	No	238043	8x 42	Standard	Center	Roof	BaK-4	Fully Multi	360 / 120	12 / 3.6	5.3	19	Twist-Up	25 / 765	Yes	Yes
231028	10x 27	Compact	Center	Roof	BaK-4	Fully Multi	298 / 100	7 / 2.1	2.7	13.2	Twist-Up	12 / 340	Yes	No	230142	10x 42	Standard	Center	Roof	BaK-4	Fully Multi	304 / 101	12 / 3.6	4.2	18.3	Twist-Up	26 / 793	Yes	Yes
231027	10x 27	Compact	Center	Roof	BaK-4	Fully Multi	298 / 100	7 / 2.1	2.7	13.2	Twist-Up	12 / 340	Yes	No	230143	10x 42	Standard	Center	Roof	BaK-4	Fully Multi	304 / 101	12 / 3.6	4.2	18.3	Twist-Up	26 / 793	Yes	Yes
															230856	8x 56	Standard	Center	Roof	BaK-4	Fully Multi	346 / 115	6.5 / 2	7.0	17.5	Twist-Up	34 / 960	Yes	Yes
															230963	9x 63	Standard	Center	Roof	BaK-4	Fully Multi	278 / 93	6.5 / 2	7.0	17.3	Twist-Up	39 / 1100	Yes	Yes
															231050	10x 50	Standard	Center	Roof	BaK-4	Fully Multi	283 / 94	13 / 4.0	5.0	19.5	Twist-Up	28 / 793	Yes	Yes
															231250	12x 50	Standard	Center	Roof	BaK-4	Fully Multi	241 / 80	13 / 4.0	4.2	18.2	Twist-Up	28 / 793	Yes	Yes



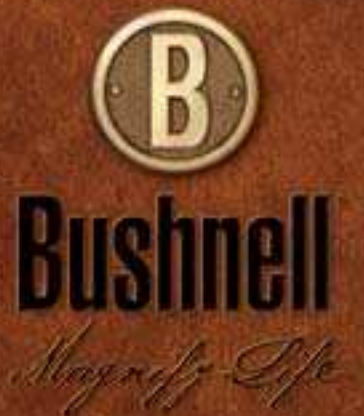
**8x 42mm** 238043  
**10x 42mm** 230143  
 Rubber-armored in Realtree Hardwoods® HD™ Grey, these powerful roof-prism binos are perfect for avid sportsmen.



**8x 56mm** 230856  
**9x 63mm** 230963  
 Oversize objective lenses with a 7mm exit pupil and a relative brightness of 49 for incredible low-light performance.

**Features:** BaK-4 roof prisms for bright, clear, crisp viewing  
 • Fully multi-coated optics • Waterproof: O-ring sealed and nitrogen purged for 100% reliable, fog-free performance  
 • Twist-up eyecups on standard-size models allow quick and easy adjustment for optimum eye relief • Large center-focus knob for easy, precise adjustments • Ribbed, non-slip rubber armor absorbs shock while providing a firm grip

**Lens Coatings / BaK-4 Roof Prisms:** Every Trophy® roof-prism binocular is built with the finest barium crown BaK-4 glass roof prisms and fully multi-coated optics – which means every lens surface is treated with a special anti-reflection multi-coating for optimum light transmission and a brighter, sharper, higher-contrast image.





The most rare and remarkable species are also those most specifically adapted to their environment. Conversely, to see them all, you and your optics have to be remarkably versatile. Our Natureview® binoculars thrive in virtually any setting – offering bright, crisp views of your quarry near and far. Fully multi-coated optics and excellent close-focus capabilities for short-range viewing help you catalog every detail. Extended eye relief makes long glassing sessions comfortable. They're a natural selection for wherever your next excursion takes you.

- Features:** BaK-4 prisms (BK-7 on 118400)
- Fully multi-coated optics (on select models) for superior light transmission and brightness
  - Textured center-focus knob for easy, precise adjustments
  - Rugged, non-slip rubber armor absorbs shock



**8x 30mm** 132030  
A trim, compact inverted porro prism.



**8x 40mm** 118400  
The classic birding bino. Ideal for beginners.



**8x 42mm** 132000  
**10x 42mm** 132010  
Premium performance for all-day viewing comfort.



**10x 42mm** 221042  
Outstanding long-range binocular. Ideal for long-distance birding or wildlife observation.



# Natureview® Binoculars



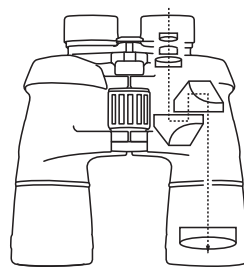
**8x 42mm** 220842  
Outstanding optical performance in a trim, well-balanced roof-prism design.



**Bushnell**  
*Magnify Life*

MODEL	MAGNIFICATION x OBJ. LENS	SIZE CLASS	FOCUS SYSTEM	PRISM SYSTEM	PRISM GLASS	LENS COATING	FIELD OF VIEW ft.@1000yds. / m@1000m	CLOSE FOCUS (ft. / m)	EXIT PUPIL (mm)	EYE RELIEF (mm)	EYECUPS	WEIGHT (oz. / g)	WATER/FOG PROOF	ADAPT TO TRIPOD
220842	8x 42	Standard	Center	Roof	BaK-4	Fully Multi	330 / 110	12 / 3.6	5.25	17	Twist-Up	23 / 652	Yes	Yes
221042	10x 42	Standard	Center	Roof	BaK-4	Fully Multi	315 / 105	12 / 3.6	4.2	17	Twist-Up	23 / 652	Yes	Yes
118400	8x 40	Standard	Center	Porro	BK-7	Fully	330 / 110	14 / 4.3	5.0	12	Fold-Down	18.3 / 518	No	Yes
132000	8x 42	Standard	Center	Porro	BaK-4	Fully Multi	412 / 137	13 / 4	5.3	19	Twist-Up	26 / 737	No	Yes
132010	10x 42	Standard	Center	Porro	BaK-4	Fully Multi	320 / 107	12 / 3.6	4.2	15	Twist-Up	24.7 / 700	No	Yes
132030	8x 30	Compact	Center	Porro	BaK-4	Multi	370 / 123	10 / 3	3.75	18	Fold-Down	17 / 482	No	No

## PORRO PRISM



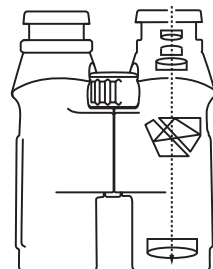
See terminology on pg. 35

**Porro-Prism Model Features:** BaK-4 porro prisms (on select models) for bright, clear, crisp viewing • Fully multi-coated optics (on select models) for superior light transmission and brightness • Textured center-focus knob for easy, precise adjustments • Rugged, non-slip rubber armor absorbs shock



The Bushnell® birding series of binoculars offers wildlife images like no other. Top-quality optics for brightness, clarity and clear identification. Superior color transmission for spotting subtle field markings. A lightweight, balanced design with good eye relief for comfortable viewing. In any region, season or time of day, these optics will prove to be the best for wildlife observation.

## ROOF PRISM



See terminology on pg. 35

**Roof-Prism Model Features:** BaK-4 roof prisms for bright, clear, crisp viewing • Fully multi-coated optics for superior light transmission and brightness • Textured center-focus knob for easy, precise adjustments • Rugged, non-slip rubber armor absorbs shock • Waterproof/fogproof construction

# Custom<sup>®</sup> Compact<sup>™</sup> Binoculars



**7x 26mm** 120726

The Custom<sup>®</sup> delivers a level of optical performance that rivals many full-sized birding binoculars.

**Introducing the perfect traveling and birding companions.** Unnoticed when you want them to be, there to provide clarity when you need it most and able to turn an ordinary day into one that burns in your memory for life. The Custom<sup>®</sup> Compact tucks away in a pocket but delivers the bright, sharp imagery and extended field of view you expect from a full-size. And with their extreme close-focus capability (as close as 7 ft./2.4 m), they're ideal for bird and insect identification.

- Features:** 7x magnification • 26mm objective lens • BaK-4 inverted porro prisms • Fully multi-coated lens surfaces • Outstanding eye relief • Fold-down eyecups • 7-ft./2.4 m close focus • Weighs only 12 oz./342 g • Neck strap and soft vinyl case



The Bushnell<sup>®</sup> birding series of binoculars offers wildlife images like no other. Fully multi-coated optics for brightness, clarity and clear identification. Superior color transmission for spotting subtle field markings. A lightweight, balanced design with good eye relief for comfortable viewing. In any region, season or time of day, these optics will prove to be the finest for wildlife observation.

Taking your viewing pleasure to extremes is what our close-focus feature is all about. While most binoculars can't focus on objects any less than 10/3 or



more feet/meters from your position, our Custom<sup>®</sup> Compact brings you up close and personal from a mere 7 ft./2.4 m away! And with an impressive 7x magnification, there's no bird left unobserved, no insect overlooked. When small details count, our Custom Compact delivers in a big way.



# Legacy<sup>®</sup> WP Binoculars



**10x 50mm** 120150

Big 50mm objective for a larger, brighter field of view.



**10-22x 50mm** 121225

Incredible zoom versatility and extreme viewing power.

**Some outdoors enthusiasts specialize.** Some specialize in doing it all. Our Legacy<sup>®</sup> WP series is custom fit for the latter with a range of models at prices that leave plenty left over to gear up for diverse weekend agendas. We kept the cost reasonable without scrimping on optical performance. All models feature fully multi-coated optics and premium BaK-4 prisms for exceptional light transmission and image clarity. Rugged rubber armoring provides a sure grip and soaks up abuse. And they're 100% waterproof. This solid, well-rounded lineup has a single purpose – everything outside.

MODEL	MAGNIFICATION x OBJ. LENS	SIZE CLASS	FOCUS SYSTEM	PRISM SYSTEM	PRISM GLASS	LENS COATING	FIELD OF VIEW ft.@1000yds. / m@1000m	CLOSE FOCUS (ft. / m)	EXIT PUPIL (mm)	EYE RELIEF (mm)	EYECUPS	WEIGHT (oz. / g)	WATER/FOG PROOF	ADAPT TO TRIPOD
120150	10x 50	Standard	Center	Porro	BaK-4	Fully Multi	341 / 114	18 / 5.5	5.0	18	Twist-Up	30.5 / 865	Yes	Yes
120842	8x 42	Standard	Center	Porro	BaK-4	Fully Multi	430 / 143	12 / 3.6	5.3	18	Twist-Up	26.5 / 751	Yes	Yes
121225	10-22x 50	Standard	Center	Porro	BaK-4	Fully Multi	199 / 66@10x / 126 / 42@22x	20 / 6	5.0 / 2.3	14	Twist-Up	34.2 / 969	No	Yes

MODEL	MAGNIFICATION x OBJ. LENS	SIZE CLASS	FOCUS SYSTEM	PRISM SYSTEM	PRISM GLASS	LENS COATING	FIELD OF VIEW ft.@1000yds. / m@1000m	CLOSE FOCUS (ft. / m)	EXIT PUPIL (mm)	EYE RELIEF (mm)	EYECUPS	WEIGHT (oz. / g)	WATER/FOG PROOF	ADAPT TO TRIPOD
120726	7x 26	Compact	Center	Porro	BaK-4	Fully Multi	363 / 121	7 / 2.4	3.7	16	Fold-Down	12 / 342	No	No



- Features:** BaK-4 prisms • Fully multi-coated optics • 100% waterproof/fogproof (model 121225 is weatherproof) • Wide-angle field of view (65 degrees, except zoom) • Rubber armored for secure grip • Center focus • Twist-up eyecups • Long eye relief



**8x 42mm** 120842

An exceptionally versatile, easy-handling configuration.



**Bushnell**  
*Magnify Life*

# Tactical Binoculars

**Ready for duty**, whether it's long-range surveillance, a 12-hour stakeout in a treestand or a march into the backcountry. Our new Tactical binoculars fuse optical precision and rock-solid durability to excel anywhere they're called to action. Their fully multi-coated optics and premium BaK-4 prisms are built around a rugged chassis and sealed in a 100% waterproof, fogproof housing. A rubber-armor coating adds another line of defense. Tough, bright, versatile – sounds like you found a partner to lead the way.



### 7x 50mm w/Compass 280750

Awesome toughness and sharp imagery with a built-in compass for navigation.

### 7x 50mm 280751

Clears the way with bright, crisp views and durability to withstand virtually any condition.

- Features:** BaK-4 prisms • Fully multi-coated optics • Durable, rugged chassis • 100% waterproof/fogproof construction • Rubber armor • Individual eyepiece focus • Fold-down eyecups • Convenient built-in compass (Model 280750)



MODEL	MAGNIFICATION x OBJ. LENS	SIZE CLASS	FOCUS SYSTEM	PRISM SYSTEM	PRISM GLASS	LENS COATING	FIELD OF VIEW ft.@1000yds. / m@1000m	CLOSE FOCUS (ft. / m)	EXIT PUPIL (mm)	EYE RELIEF (mm)	EYECUPS	WEIGHT (oz. / g)	WATER/FOG PROOF	ADAPT TO TRIPOD
280750	7x 50	Standard	Individual	Porro	BaK-4	Fully Multi	350 / 117	10 / 3.1	7.1	17	Fold-Down	48 / 1360	Yes	Yes
280751	7x 50	Standard	Individual	Porro	BaK-4	Fully Multi	350 / 117	10 / 3.1	7.1	17	Fold-Down	47.8 / 1354	Yes	Yes

# Stableview™ Binoculars

**Thirst for life's finest views and you're bound to get shaken and stirred.** Our Stableview™ binoculars keep you on solid ground with two modes of onboard image stabilization technology. They instantly cancel hand movement for extended viewing comfort. Normal mode compensates for three degrees of motion – ideal for what carries you, whether boat, car, plane or horse. Fine mode nullifies subtle movements of your hand for extended viewing time. So get after it. We'll keep you steady.

### 10x 35mm 181035

Revolutionary image-stabilizing binocular for a steady view.



- Features:** 10x magnification • 35mm objective lens • Stabilizes up to three degrees of movement • Superior quality • Neutralizes effects of hand tremors, vibrations and other movements • Fully multi-coated optics

- PC-3® phase-coated BaK-4 prisms • Waterproof and fogproof • Neck strap and carrying case



MODEL	MAGNIFICATION x OBJ. LENS	SIZE CLASS	FOCUS SYSTEM	PRISM SYSTEM	PRISM GLASS	LENS COATING	FIELD OF VIEW ft.@1000yds. / m@1000m	CLOSE FOCUS (ft. / m)	EXIT PUPIL (mm)	EYE RELIEF (mm)	EYECUPS	WEIGHT (oz. / g)	WATER/FOG PROOF	ADAPT TO TRIPOD
181035	10x 35	Standard	Center	Roof	BaK-4	Fully Multi	260 / 86.6	10 / 3	3.5	12	Twist-Up	43.9 / 1244	Yes	No

**Built to withstand extreme nautical environments. And float in them.** We suggest you keep them on board, but made our Marine™ series binoculars buoyant, waterproof and corrosion resistant, so a little dunking won't deep-six your day. You'll appreciate the ultra-bright, crisp views granted by their multi-coated optics and premium BaK-4 prism glass. Rugged rubber armoring provides a sure grip, absorbs shock and keeps them from sliding in rough conditions. They're essential equipment if you spend much time on deck, and aren't fazed by a little time off it.

### 7x 50mm 137501

Well-balanced, bright and steady for long hours on the water.



- Features:** BaK-4 porro prisms for bright, clear, crisp viewing • Fully multi-coated optics • 100% waterproof/fogproof • O-ring sealed and nitrogen-purged to keep out moisture • Highly resistant to saltwater corrosion • Non-slip, non-skid rubber armor cushions bumps and shock, prevents sliding and provides a firm grip when wet • Hermetically sealed • Fold-down eyecups



MODEL	MAGNIFICATION x OBJ. LENS	SIZE CLASS	FOCUS SYSTEM	PRISM SYSTEM	PRISM GLASS	LENS COATING	FIELD OF VIEW ft.@1000yds. / m@1000m	CLOSE FOCUS (ft. / m)	EXIT PUPIL (mm)	EYE RELIEF (mm)	EYECUPS	WEIGHT (oz. / g)	WATER/FOG PROOF	ADAPT TO TRIPOD
137501	7x 50	Standard	Individual	Porro	BaK-4	Fully Multi	380 / 127	25 / 7.6	7.1	18	Fold-Down	36 / 1021	Yes	Yes
137500	7x 50	Standard	Individual	Porro	BaK-4	Fully Multi	350 / 117	35 / 10.6	7.1	18	Fold-Down	37 / 1050	Yes	Yes
285070	7x 50	Standard	Center	Roof	BaK-4	Fully Multi	348 / 116	13 / 4	7.1	17.5	Twist-Up	34.4 / 976	Yes	Yes
285071	7x 50	Standard	Center	Roof	BaK-4	Fully Multi	348 / 116	13 / 4	7.1	17.5	Twist-Up	32 / 907	Yes	Yes

### 7x 50mm 285071

### 7x 50mm w/ Compass 285070

A lighter, more compact marine roof prism binocular that still delivers the bright image of the traditional 7x50 design.

A floating neck strap is included with all new model 285071 and 285070 Marine™ binoculars



### 7x 50mm w/ Reticle 137500

A classic marine bino with internal rangefinder and illuminated compass.



# Marine™ Binoculars



**Bushnell**  
*Magnify Life*



**We build optics with foresight.**

Thoughts such as, spend enough time on the water, and your equipment will spend some time in it. The H2O™ series binoculars are O-ring sealed and nitrogen purged to completely lock out moisture should you spill, take one overboard, or simply run into foul weather along the way. Rubber armoring with textured pads gives you a grip in slippery situations. Multi-coated optics and premium-quality BaK-4 prism glass maximize light transmission and image clarity. You'll quickly see how a little planning on our part goes a long way to magnify your adventures on and around the water.

**Features:** BaK-4 prisms for bright, clear, crisp viewing • Multi-coated optics for superior light transmission • 100% waterproof: O-ring sealed and nitrogen purged for reliable, fog-free performance • Non-slip rubber armor absorbs shock while providing a firm grip • Twist-up eyecups • Large center-focus knob for easy adjustments • Longer eye relief



8x 25mm 130805  
 10x 25mm 131005  
 10x 25mm 131006 Camo  
 12x 25mm 131205

Compact, yet ready for any wet-weather application.



All models now feature twist-up eye cups.



8x 42mm 132408  
 10x 42mm 132410  
 12x 42mm 132412

Our all-purpose, full-size BaK-4 porro prism for high magnification at a distance.



8x 42mm 150842  
 10x 42mm 151042  
 Choose 8x or 10x – both pack powerful, bright optics into a 100% waterproof package.

**WATER PROOF** Features: Our waterproof products are air tight and dry-nitrogen sealed, so moisture stays out – even when they are submerged in water.



8x 26mm 150826  
 10x 26mm 151026  
 Inverted porro-prism design for high quality and reduced size.

If you like spending time around water, but fishing your binos out of a pond or snowbank isn't what you had in mind, never fear. Waterproof construction and textured, non-slip rubber pads give you a grip on the situation, even where it is slippery, wet and wild.



**H<sub>2</sub>O™**  
**Waterproof**  
**Binoculars**



**Bushnell**  
*Magnify Life*

MODEL	MAGNIFICATION x OBJ. LENS	SIZE CLASS	FOCUS SYSTEM	PRISM SYSTEM	PRISM GLASS	LENS COATING	FIELD OF VIEW ft.@1000yds. / m@1000m	CLOSE FOCUS (ft. / m)	EXIT PUPIL (mm)	EYE RELIEF (mm)	EYECUPS	WEIGHT (oz. / g)	WATER/FOG PROOF	ADAPT TO TRIPOD
130805	8x 25	Compact	Center	Roof	BaK-4	Multi	428 / 142	15 / 4.6	3.1	12	Twist-Up	13 / 369	Yes	No
131005	10x 25	Compact	Center	Roof	BaK-4	Multi	330 / 110	15 / 4.6	2.5	12	Twist-Up	13 / 369	Yes	No
131006	10x 25	Compact	Center	Roof	BaK-4	Multi	330 / 110	15 / 4.6	2.5	12	Twist-Up	13 / 369	Yes	No
131205	12x 25	Compact	Center	Roof	BaK-4	Multi	255 / 85	20 / 6	2.1	9	Twist-Up	13 / 369	Yes	No
150842	8x 42	Standard	Center	Roof	BaK-4	Multi	365 / 121	12 / 3.6	5.3	17	Twist-Up	25 / 708.5	Yes	No
151042	10x 42	Standard	Center	Roof	BaK-4	Multi	305 / 102	12 / 3.6	4.2	17	Twist-Up	25 / 708.5	Yes	No
132408	8x 42	Standard	Center	Porro	BaK-4	Multi	430 / 143	18 / 5.5	5.25	17	Twist-Up	27.2 / 770	Yes	Yes
132410	10x 42	Standard	Center	Porro	BaK-4	Multi	346 / 115	15 / 4.6	4.2	16	Twist-Up	27 / 765	Yes	Yes
132412	12x 42	Standard	Center	Porro	BaK-4	Multi	288 / 96	15 / 4.6	3.5	15	Twist-Up	27 / 765	Yes	Yes
150826	8x 26	Compact	Center	Porro	BaK-4	Multi	367 / 122	8.5 / 2.6	3.25	15	Twist-Up	13.6 / 385	Yes	No
151026	10x 26	Compact	Center	Porro	BaK-4	Multi	285 / 95	8.5 / 2.6	2.6	13.5	Twist-Up	13.6 / 385	Yes	No

# Hemisphere Binoculars

**Lighten up and introduce yourself to these little travelers.** They'll offer some crisp, vibrant images sure to brighten your day. Our new Hemisphere Travel Series binoculars feature ultra-lightweight, compact designs that tuck away with ease, while packing big-time clarity and light transmission. Thank fully multi-coated optics and premium Bak-4 prisms for that. Commend twist-up eyecups and extended eye relief for the comfortable view. Whether rolling through Nebraska on I-80 or jet-lagged in France, you'll be glad you made eye contact.



**8x 25mm** 160825  
**10x 25mm** 160125  
 Lightweight, compact and optically superb. Perfect for all-around use.



**8-20x 25mm** 168205  
 Move in ultra-close or choose extended field of view with this variable-power version.

- Features:** BaK-4 prisms • Fully multi-coated optics • Lightweight • Porro prism compacts (roof prisms for new model 160832) • Rubber armored for extra durability • Twist-up or fold-down eyecups • Center focus • Long eye relief

**See it wide open.** With a field of view twice as wide as standard binoculars, our Xtra-Wide® binoculars dish up double the action. Two cars at opposite ends of the track, the pass being completed as the QB gets crunched, a friend in the front row and the entire cast on stage – feast your eyes on every ounce of the show. Whether you choose the standard or compact size, you'll have twice the viewing area and see more of what you came to see.



**NEW 4x 30mm** 130521  
 Ideal fast-paced sports binocular featuring lower power for widest possible view.



**4x 21mm** 130421  
 Extra-wide field of view



**10x 25mm** 131052  
 Pocket-sized compact for clear wide-angle viewing.

# Xtra-Wide® Binoculars

MAGNIFICATION x	SIZE	FOCUS	PRISM	PRISM	LENS	FIELD OF VIEW	CLOSE FOCUS	EXIT PUPIL	EYE RELIEF	WEIGHT	WATER/FOG	ADAPT TO	MAGNIFICATION x	SIZE	FOCUS	PRISM	PRISM	LENS	FIELD OF VIEW	CLOSE FOCUS	EXIT PUPIL	EYE RELIEF	WEIGHT	WATER/FOG	ADAPT TO	
MODEL	OBJ. LENS	CLASS	SYSTEM	SYSTEM	COATING	ft./1000yds. / m/1000m	(ft. / m)	(mm)	(mm)	(oz. / g)	PROOF	TRIPOD	MODEL	OBJ. LENS	CLASS	SYSTEM	SYSTEM	GLASS	COATING	ft./1000yds. / m/1000m	(ft. / m)	(mm)	(mm)	(oz. / g)	PROOF	TRIPOD
160825	8x 25	Compact	Center	Porro	BaK-4 Fully Multi	314 / 105	10 / 3	3.1	16	9.9 / 280	No	No	130421	4x 21	Mid-Size	Free	N/A	N/A	Fully	900 / 300	*	6.0	10	12 / 340	No	No
160125	10x 25	Compact	Center	Porro	BaK-4 Fully Multi	272 / 91	10 / 3	2.5	15	9.9 / 280	No	No	** 130521	4x 30	Mid-Size	Free	N/A	N/A	Fully	900 / 300	*	7.5	10	14.5 / 411	No	No
* 160832	8x 32	Mid-Size	Center	Roof	BaK-4 Fully Multi	345 / 115	11.5 / 3.5	4	13.5	16.6 / 470.6	No	Yes	131052	10x 25	Compact	Center	Porro	BaK-4 Fully Multi	380 / 127	10 / 3	2.5	10	15 / 425	No	No	
* 161525	8-16x 25	Compact	Center	Porro	BaK-4 Fully Multi	236 / 78.7@8x / 157 / 52.3@16x	13 / 4	3.1@8x / 1.6@16x	15@8x / 13@16x	12 / 340	No	No	**New for 2007 * Note: Focus-free models are designed for viewing distant subjects. The close-focus limit is subjective and dependent on the user's eyesight.													
168205	8-20x 25	Compact	Center	Porro	BaK-4 Fully Multi	241 / 80.3@8x / 80 / 26.7@20x	13 / 4	3.1@8x / 1.3@20x	15@8x / 12@20x	9.9 / 280	No	No														

\*New for 2007



**NEW 8x 32mm** 160832  
 New ultra-slim roof-prism version in fixed power.

**ZOOM**



**NEW 8-16x 25mm** 161525  
 Compact porro prism binocular with electronic power zoom capability.

- Features:** Fully multi-coated optics for superior light transmission and brightness • 4x 21 and 4x 30 models are fully coated • Extra-wide field of view • Large center-focus knob for easy, precise adjustments • 4x 21 and 4x 30 models are focus free • Extra-wide pop-up eyecups for long eye relief (compacts) • Non-slip rubber armor (10x 25) absorbs shock while providing a firm grip

### Twice the viewing area



Standard View

Xtra-Wide® View



**Bushnell**  
*Magnify Life*

**Lose your focus and some of life's finest opportunities can pass you by.** This hard-earned lesson drove the creation of our PermaFocus® binocular series. Simply raise them to your eyes and catch the action instantly with stunning clarity – no adjustment necessary. Their unique focus-free feature keeps them dialed in for instantaneous viewing at virtually any distance. They're perfect for sporting events, nature observation and winter days when gloves would hinder the use of standard-focus binoculars. Precision-crafted, fully coated optics offer bright, crisp images. Magnify life instantly with our PermaFocus series.



**Features:** Fully coated optics for superior light transmission and brightness • Unique focus-free feature stays in focus at most viewing distances • Non-slip rubber armor absorbs shock while providing a firm grip



**NEW**  
**8x 42mm** 170842  
A new, slim roof-prism design offering a wide field of view.

**NEW**  
**10x 42mm** 171043  
New streamlined roof-prism model in high magnification.



**7x 50mm** 175007  
**10x 50mm** 175010  
**12x 50mm** 175012  
Full-size and full-featured for increased brightness at long distances.



**7x 35mm** 173507  
Mid-sized for good magnification at mid-range.

**8x 25mm** 170825  
A convenient compact for quick viewing and simple carrying.



MODEL	MAGNIFICATION x OBJ. LENS	SIZE CLASS	FOCUS SYSTEM	PRISM SYSTEM	PRISM GLASS	LENS COATING	FIELD OF VIEW ft.@1000yds. / m@1000m	CLOSE FOCUS (ft. / m)	EXIT PUPIL (mm)	EYE RELIEF (mm)	EYECUPS	WEIGHT (oz. / g)	WATER/FOG PROOF	ADAPT TO TRIPOD
140825	8x 25	Compact	Center	Porro	BaK-4	Multi	315 / 105	11 / 3.35	3.1	16	Fold-Down	10.6 / 300.5	No	No
140125	10x 25	Compact	Center	Porro	BaK-4	Multi	251 / 84	11 / 3.35	2.5	16	Fold-Down	10.6 / 300.5	No	No
141225	12x 25	Compact	Center	Porro	BaK-4	Multi	236 / 79	11 / 3.35	2.1	16	Fold-Down	10.6 / 300.5	No	No

**A binocular that works as good as it looks.** The first thing that catches your eye about our Voyager® series is that it catches your eye, thanks to a sleek, ergonomically-designed exterior with metallic finish and convenient rubber grips. But don't judge this binocular solely on its looks. Multi-coated optics and premium-quality BaK-4 inverted porro prisms deliver excellent light transmission and a sharp edge-to-edge view that's ideal for sporting events, sightseeing and nature hikes. So while these binoculars look good, when you see how they perform, they'll just keep looking better.



**10 x 25mm** 140125  
**12 x 25mm** 141225  
Offers powerful magnification in a lightweight bino.

**8 x 25mm** 140825  
Light, versatile compact with a wide field-of-view.

**Features:** BaK-4 inverted porro prisms • Multi-coated optics • 8x, 10x, 12x zoom magnifications • 25mm objective lens • Fold-down eyecups • Neck strap and carrying case

# PermaFocus® Binoculars

# Voyager® Compact Binoculars



# Bushnell

*Magnify Life*

\*\*New for 2007 \* Note: Focus-free models are designed for viewing distant subjects. The close-focus limit is subjective and dependent on the user's eyesight.



**Use the extra pack space for trail mix.** Your newfound enthusiasm to see the world through superior optics can only fuel you for so long. Our Powerview® series binoculars put a bounce in your step with compact, streamlined designs and ultra-bright, crisp views of all that new territory you're exploring. A wide variety of magnifications, styles and sizes accommodate everything from an extended backcountry hike to a short run to the concert hall. Premium fully coated optics offer superior resolution and clarity. Traveling light? We made sure there's always room to magnify life.



**10x 25mm** 132516  
**10x 25mm** 132517 Camo  
 Wide field of view with 10x magnification makes these great long-range compacts.



**4x 30mm** 130430  
 Simple opera glasses for close-range viewing.



**8x 21mm** 132514  
**8x 21mm** 132515 Camo  
 A foldable compact that fits inside a pocket or purse.

**8x 42mm** 132480  
**10x 42mm** 132401



**NEW**  
**10x 42mm** 132411 Camo  
 Very popular size, multi-coated roof prism. Excellent for long-distance viewing.



**Features:** Fully coated optics for superior light transmission and brightness • Non-slip rubber armor absorbs shock while providing a firm grip • Contemporary styling

# Powerview® Roof-Prism Binoculars

MODEL	MAGNIFICATION x OBJ. LENS	SIZE CLASS	FOCUS SYSTEM	PRISM SYSTEM	PRISM GLASS	LENS COATING	FIELD OF VIEW ft.@1000yds. / m@1000m	CLOSE FOCUS (ft. / m)	EXIT PUPIL (mm)	EYE RELIEF (mm)	EYECUPS	WEIGHT (oz. / g)	WATER/FOG PROOF	ADAPT TO TRIPOD	MODEL	MAGNIFICATION x OBJ. LENS	SIZE CLASS	FOCUS SYSTEM	PRISM SYSTEM	PRISM GLASS	LENS COATING	FIELD OF VIEW ft.@1000yds. / m@1000m	CLOSE FOCUS (ft. / m)	EXIT PUPIL (mm)	EYE RELIEF (mm)	EYECUPS	WEIGHT (oz. / g)	WATER/FOG PROOF	ADAPT TO TRIPOD
130430	4x 30	Compact	Center	N/A	N/A	Fully	650 / 217	20 / 6	7.5	15	Fold-Down	7.5 / 215	No	No	131032	10x 32	Mid-Size	Center	Roof	BK-7	Fully	265 / 88	25 / 7.6	3.2	12	Fold-Down	12.4 / 353	No	No
132514	8x 21	Compact	Center	Roof	BK-7	Fully	378 / 126	21 / 6.4	2.6	10	Fold-Down	7 / 195	No	No	131232	12x 32	Mid-Size	Center	Roof	BK-7	Fully	240 / 80	35 / 10.7	2.6	12	Fold-Down	11.5 / 325	No	No
132515	8x 21	Compact	Center	Roof	BK-7	Fully	378 / 126	21 / 6.4	2.6	10	Fold-Down	7 / 195	No	No	131632	16x 32	Mid-Size	Center	Roof	BK-7	Fully	185 / 62	20 / 6	2.0	12	Fold-Down	12.4 / 353	No	No
132516	10x 25	Compact	Center	Roof	BK-7	Fully	300 / 100	21 / 6.4	2.5	10	Fold-Down	8.5 / 242	No	No	131633	16x 32	Mid-Size	Center	Roof	BK-7	Fully	185 / 62	20 / 6	2.0	12	Fold-Down	12.4 / 353	No	No
132517	10x 25	Compact	Center	Roof	BK-7	Fully	300 / 100	21 / 6.4	2.5	10	Fold-Down	8.5 / 242	No	No	132401	10x 42	Standard	Center	Roof	BK-7	Multi	300 / 100	10 / 3	4.2	17.5	Twist-Up	28.2 / 800	No	No
131225	12x 25	Compact	Center	Roof	BK-7	Fully	240 / 80	25 / 7.6	2.1	10	Fold-Down	11.3 / 320	No	No	* 132411	10x 42	Standard	Center	Roof	BK-7	Multi	300 / 100	10 / 3	4.2	17.5	Twist-Up	28.2 / 800	No	No
131226	12x 25	Compact	Center	Roof	BK-7	Fully	240 / 80	25 / 7.6	2.1	10	Fold-Down	11.3 / 320	No	No	132480	8x 42	Standard	Center	Roof	BK-7	Multi	351 / 118	10 / 3	5.25	18	Twist-Up	26.8 / 760	No	No



**12x 25mm** 131225  
**12x 25mm** 131226 Camo  
 High-powered magnification makes these popular pack-along binoculars for viewing wildlife.



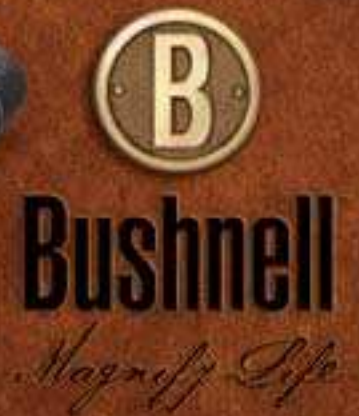
**16x 32mm** 131632  
**16x 32mm** 131633 Camo  
 Among the most powerful compacts available.



\*New for 2007



**10x 32mm** 131032  
**12x 32mm** 131232  
 High-power compacts with extra light-gathering ability.





# Powerview<sup>®</sup> Porro Prism Binoculars

## A model for every adventure.

At prices that don't make owning one of each out of the question. Our porro-prism Powerview<sup>®</sup> series is a combination of precision optics, durability and styling that will make the most of your time outdoors. One look and it's clear: You simply can't do better for the money.

**Features:** Multi-coated optics on all full-size models for superior light transmission and brightness • Fully coated optics on all compacts • Non-slip rubber armor absorbs shock while providing a firm grip • Contemporary styling



**7-15x 25mm** 139755  
Porro-prism compact featuring a 7x to 15x zoom.

**10-30x 25mm** 139135  
Porro-prism compact featuring a 10x to 30x zoom.

**8x 25mm** 139825  
**10x 25mm** 139025  
**12x 25mm** 139225  
Porro-prism compacts with a clear, wide field of view and a variety of magnifications.

**7x 35mm** 137307  
An ideal, all-purpose, full-sized binocular.



Camo pattern

**7x 50mm** 130750  
**10x 50mm** 131056  
**10x 50mm** 131054 Camo  
**12x 50mm** 131250  
**16x 50mm** 131650  
**20x 50mm** 132050  
Popular magnifications, great for examining detail at long range.

MODEL	MAGNIFICATION x OBJ. LENS	SIZE CLASS	FOCUS SYSTEM	PRISM SYSTEM	PRISM GLASS	LENS COATING	FIELD OF VIEW ft.@1000yds. / m@1000m	CLOSE FOCUS (ft. / m)	EXIT PUPIL (mm)	EYE RELIEF (mm)	EYECUPS	WEIGHT (oz. / g)	WATER/FOG PROOF	ADAPT TO TRIPOD	MODEL	MAGNIFICATION x OBJ. LENS	SIZE CLASS	FOCUS SYSTEM	PRISM SYSTEM	PRISM GLASS	LENS COATING	FIELD OF VIEW ft.@1000yds. / m@1000m	CLOSE FOCUS (ft. / m)	EXIT PUPIL (mm)	EYE RELIEF (mm)	EYECUPS	WEIGHT (oz. / g)	WATER/FOG PROOF	ADAPT TO TRIPOD
139825	8x 25	Compact	Center	Porro	BK-7	Fully	340 / 113	6 / 1.8	3.1	12	Fold-Down	9.1 / 260	No	No	130750	7 x 50	Standard	InstaFocus	Porro	BK-7	Multi	367 / 122	15 / 4.6	7.1	15	Fold-Down	26.5 / 750	No	Yes
139025	10x 25	Compact	Center	Porro	BK-7	Fully	262 / 87	9 / 2.7	2.5	11	Fold-Down	9.1 / 260	No	No	131054	10x 50	Standard	InstaFocus	Porro	BK-7	Multi	341 / 114	20 / 6	5.0	10	Fold-Down	25 / 709	No	Yes
139225	12x 25	Compact	Center	Porro	BK-7	Fully	235 / 78	10 / 3	2.1	10	Fold-Down	9.1 / 260	No	No	131250	12x 50	Standard	InstaFocus	Porro	BK-7	Multi	265 / 88	40 / 12.2	4.2	7	Fold-Down	27 / 766	No	Yes
139135	10-30x 25	Compact	Center	Porro	BK-7	Fully	168 / 56@10x / 100 / 33@30x	13 / 4	2.5@10x / 0.8@30x	14.5@10x / 8@30x	Fold-Down	11.5 / 325	No	No	131650	16x 50	Standard	InstaFocus	Porro	BK-7	Multi	182 / 61	35 / 10.7	3.1	10	Fold-Down	29 / 819	No	Yes
139755	7-15x 25	Compact	Center	Porro	BK-7	Fully	262 / 87@7x / 183 / 61@15x	6 / 1.8	3.5@7x / 1.6@15x	12	Fold-Down	11 / 315	No	No	132050	20x 50	Standard	InstaFocus	Porro	BK-7	Multi	170 / 57	45 / 13.7	2.5	9	Fold-Down	30 / 850.5	No	Yes
137307	7x 35	Standard	InstaFocus <sup>®</sup>	Porro	BK-7	Multi	487 / 162	30 / 9.1	5.0	10	Fold-Down	19 / 539	No	Yes	137016	7-15x 35	Standard	InstaFocus	Porro	BK-7	Multi	280 / 93@7x / 180 / 60@15x	45 / 13.7	5.0@7x / 2.3@15x	9	Fold-Down	22 / 624	No	No
131056	10x 50	Standard	InstaFocus	Porro	BK-7	Multi	341 / 114	20 / 6	5.0	10	Fold-Down	26 / 738	No	Yes	132140	7-21x 40	Standard	InstaFocus	Porro	BK-7	Multi	288 / 96@7x / 172 / 57@21x	20 / 6	5.7@7x / 1.9@21x	9	Fold-Down	25 / 709	No	No



**7-15x 35mm** 137016  
**7-21x 40mm** 132140  
Zoom magnification and multi-coated optics make these versatile, bright and clear.



**Bushnell**  
*Magnify Life*

**Money can't buy contentment, but it only takes a little to keep you focused on what's important.** These value-priced, porro-prism binoculars make a magnified experience attainable for virtually anyone. Fully coated optics deliver bright, clear images, and rubber-armored housings make them tough and dependable.

**Features:** Fully coated optics for superior light transmission • InstaFocus® system for fast focus on moving targets • Non-slip rubber grip pads for a secure hold in all weather conditions



**7x 35mm** 133410  
An ideal all-around binocular with a wide field of view and plenty of power.

**10x 50mm** 133450  
A great high-powered, long-range binocular with a 50mm objective for a bright, clear view.

**10-30x 50mm**  
211350  
Vari-Zoom

MODEL	MAGNIFICATION x OBJ. LENS	SIZE CLASS	FOCUS SYSTEM	PRISM SYSTEM	PRISM GLASS	LENS COATING	FIELD OF VIEW ft. @1000yds. / m @1000m	CLOSE FOCUS (ft. / m)	EXIT PUPIL (mm)	EYE RELIEF (mm)	EYECUPS	WEIGHT (oz. / g)	WATER/FOG PROOF	ADAPT TO TRIPOD
133410	7x 35	Standard	InstaFocus®	Porro	BK-7	Fully	420 / 140	20 / 6	5	12	Fold-Down	21 / 595	No	No
133450	10x 50	Standard	InstaFocus®	Porro	BK-7	Fully	300 / 100	25 / 7.6	5	9	Fold-Down	27 / 765	No	No
211350	10-30x 50	Standard	Center	Porro	BK-7	Fully	150 / 50 @10x / 100 / 33 @30x	25 / 7.6	5 @10x / 1.6 @30x	9	Fold-Down	24 / 680	No	No

## Accessories



**Binocular Shoulder Harness** 109998CM clam  
Our elastic binocular harness will free up your hands for other important jobs, like shooting that trophy elk or balancing yourself in knee-deep snow. It comes equipped with a leather harness patch, handy quick-attach loops and metal split rings, plus a micro fiber lens cleaning cloth.

**Neoprene Binocular Strap** 109995CM  
A quick and inexpensive comfort upgrade, this rugged binocular strap has a neoprene pad that cushions and absorbs shock. Compatible with most binoculars.



**Binocular Tripod Adapter** 161001CM  
Mount any tripod-ready binocular to any standard tripod. Recommended for prolonged observation with any binocular of 10x or more.



**Car Window Mount** 784407C  
Compact car window mount that's easily taken along anywhere. Tilt and pan handle.



**Optic Lens Cleaning Kit** 109992CM  
Everything you need to keep lenses free of dust and fog. Includes a retractable brush, bottle of lens-cleaning solution and a microfiber cloth.



**Doubler 2.5x** 620001  
Friction fit for use on Elite Precision optics, Bushnell Legend, Trophy and many other roof prism binoculars.



**Tripod/Window Mount** 784406C  
Ultra compact tripod that's easily taken along anywhere and converts to a car window mount. Max height: 8" / 20.3 cm

**Binocular:** A binocular consists of two optical systems that are joined by a hinge and (typically) share a common focusing mechanism. The ability to create an image for both eyes simultaneously provides a realistic perception of depth. Binoculars are available in a great variety of sizes, magnifying powers and features to suit any purpose or preference.

### Coated Optics

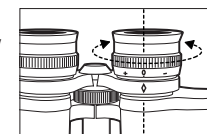
Lens surface coatings reduce light loss and glare due to reflection for a brighter, higher-contrast image with less eyestrain.

### Types of Lens Coatings

**Coated** – A single layer on at least one lens surface.  
**Fully Coated** – A single layer on all air-to-glass surfaces.  
**Multi-Coated** – Multiple layers on at least one lens surface.  
**Fully Multi-Coated** – Multiple layers on all air-to-glass surfaces.

### Diopter Adjustment

A fine-focus adjustment ring usually provided around one eyepiece to accommodate for vision differences between the right and left eyes.



### Exit Pupil

Refers to the size of the circle of light visible at the eyepiece of a binocular. The larger the exit pupil, the brighter the image. To determine the size, divide the objective lens diameter by the power (an 8x 32 model has an exit pupil of 4mm).

### Eyeglass Wearers – Eyecups

Bushnell binoculars come with twist-up, pop-up or soft rubber fold-down eyecups so eyeglass wearers can see the entire field of view.

### Eye Relief

The distance a binocular can be held away from the eye and still present the full field of view. Extended or long eye relief reduces eyestrain and is ideal for eyeglass wearers.

### Field of View (F.O.V.)

The side-to-side measurement of the circular viewing field or subject area. It is defined by the width in feet or meters of the area visible at 1,000 yards or meters. A wide-angle binocular features a wide field of view and is better for following action. Generally, the higher the magnification, the narrower the field of view.



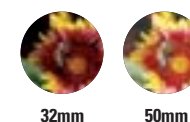
### Magnification (Power)

Binoculars are often referred to by two numbers separated by an "x". For example: 8x 32. The first number is the power, or magnification, of the binocular. With an 8x 32 binocular, the object being viewed appears to be eight times closer than you would see it with the unaided eye.



### Objective Lens Size

The second number in the formula (8x 32) is the diameter of the objective or front lens. The larger the objective lens, the more light that enters the binocular and the brighter the image.



### PC-3® Phase Coating

Found on the best roof-prism binoculars, this chemical coating is applied to the prisms to enhance resolution and contrast. Would not provide an advantage on porro-prism models.

### Porro-Prism System

In porro-prism binoculars the objective or front lens is offset from the eyepiece. Porro-prism binoculars provide greater depth perception and generally offer a wider field of view.



### Prism Glass

Most optical prisms are made from borosilicate (BK-7) glass or barium crown (BaK-4) glass. BaK-4 is the higher-quality glass, yielding brighter images and high edge-to-edge sharpness.

### Prism Systems

The prism system of a binocular reduces the size needed to contain a long optical path and turns what would be an upside-down image, right side up. There are two types of prism systems, roof and porro.



With Rainguard, Bushnell's

permanent, patented, hydrophobic and oleophobic lens coating, a foggy view is no longer an issue. This unique coating acts on water drops from rain, snow, sleet and even your own breath, reducing them into much smaller droplets. These tiny drops scatter less light, ensuring a clearer, brighter view.

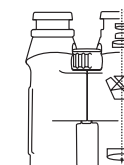


### Resolution

Resolution, or definition, is the ability of a binocular to distinguish fine detail and retain clarity.

### Roof-Prism System

In roof-prism binoculars the prisms overlap closely, allowing the objective lenses to line up directly with the eyepiece. The result is a slim, streamlined shape in which the lenses and prisms are in a straight line. Roof-prism binoculars are less bulky and more rugged than an equivalent porro model.



### Rubber Armor

Rubber armor provides multiple benefits. It helps protect the binocular from the bumps and scratches that come with day-to-day use. It provides a comfortable, sure grip. It's easy to wipe clean after a tough day in the field. And it suppresses noise if the binocular bumps aluminum or other non-rubber surfaces, which might otherwise spook wildlife.

### Waterproof/Fogproof

Some binoculars are O-ring sealed and nitrogen purged for total waterproof and fogproof protection. These models can withstand complete immersion in water and stay dry inside. The interior optical surfaces won't fog due to rapid temperature change or humidity.



### XTR® Technology

As light passes through the many prisms and lenses of a roof-prism binocular, some light is usually lost along the way. Our exclusive new XTR technology – utilizing 60 layers of coatings on each prism – conserves, harnesses and optimizes the available light. XTR delivers an amazing 99.73% light transmission per lens for a combined light transmission of 90%, making the Bushnell Elite® series the brightest binocular in its class.



**Bushnell**  
Magnify Life

*The best way to maintain  
your own, personal space.*



NorthStar	38
Discoverer	39
Voyager with Sky Tour	40
Harbormaster	41
Terms	42

They say everyone needs a certain amount of personal space, we say have all you want. Your journey to the stars begins with Bushnell® and one of our superior telescopes. Propel yourself into the heavens with our newest line of stargazer, the Discoverer®, or take a voice-guided tour through the milky spokes of a distant galaxy with the popular Voyager®, featuring Sky Tour.™

Whether you're a curious beginner or a savvy observer, take the time to slip away from the crowds, cut loose your earthly tethers and float into the cosmos with a Bushnell premium telescope.



**Bushnell**  
*Magnify Life*

## Tour the heavens on autopilot.

A quick push of a button guides its precision optics to any of the 20,000 celestial objects in its preprogrammed database. Find your destination on the handheld control module, enter "Go To" and the NorthStar<sup>®</sup> computer automatically centers the telescope on your target. Amateurs can stargaze like seasoned veterans. And get an astronomy lesson at the same time. Real Voice Output<sup>™</sup> describes what you're seeing in an actual human voice. Disarm the computer-driven location and tracking, and there's a red dot finderscope for manual accuracy. The brilliance of the NorthStar will make you feel that way, and humbly take you anywhere you want to go.

### Features:

1.25"/31.7mm eyepieces • Power-boosting Barlow lens (reflectors only) • "Go To" computerized tracking technology • Red dot LED finderscope • Remote handheld control module • Camera adaptable • Quick-release tripod • Kinematic mount • Accessory tray

*Note: Magnification is calculated magnification. Low power is recommended for most viewing conditions.*



Handheld control module

**1250mm x 90mm w/RVO**  
788890  
Style: Maksutov-Cassegrain  
Mount: Kinematic

**1300mm x 100mm w/RVO**  
788840  
Style: Maksutov-Cassegrain  
Mount: Kinematic

**1550mm x 127mm w/RVO**  
788850  
Style: Maksutov-Cassegrain  
Mount: Kinematic



**700mm x 76mm w/RVO**  
788831  
Style: Reflector  
Mount: Kinematic

**900mm x 114mm w/RVO**  
788846  
Style: Reflector  
Mount: Kinematic

**Real Voice Output<sup>™</sup> (English only)** With the touch of a button this talking telescope describes the wonders of the night sky in a real human voice – an interactive and educational way to explore the heavens.

**A telescope worthy of its name.** It's called the Discoverer<sup>®</sup> and for good reason. With a smaller, more focused library programmed in and ready to go, not even the sky is the limit when you peer into this newest addition to the Bushnell<sup>®</sup> family. Real Voice Output<sup>™</sup> uses an actual human voice to take you on a personal tour of our galaxy's greatest treasures. Innovative new features like the rotating eyepiece let you share a look without changing the position or focus of the telescope. Pinpoint accuracy and fine adjustment capabilities round out this complete star-finding package. A perfect telescope for serious beginners and beyond, the Discoverer is truly out of this world.

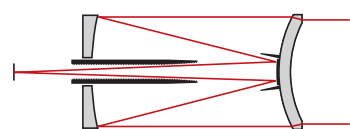
**Features:** Talking Handset • Monthly sky tours • Red dot LED finderscope • Easy pre-assembled construction • Kinematic mount • Sturdy adjustable aluminum tripod • Precision rack and pinion focusing mechanism • Large 1.25"/31.7 mm eyepieces

**NEW**  
**500mm x 114mm** 788945  
Style: Starfinder Reflector  
Mount: Kinematic

**NEW**  
**500mm x 76mm** 788930  
Style: Starfinder Reflector  
Mount: Kinematic



MODEL	SPECIFICATIONS	MOUNT	FOCAL LENGTH	EYEPIECES	MAGNIFICATIONS
788831	700mm x 76mm, Motorized "Go To" Reflector	Kinematic Mount	700 mm	4mm, 20mm	35, 105, 175, 525
788846	900mm x 114mm, Motorized "Go To" Reflector	Kinematic Mount	900 mm	4mm, 20mm	45, 135, 225, 675
788890	1250mm x 90mm, Motorized "Go To" Maksutov-Cassegrain	Kinematic Mount	1250 mm	4mm, 25mm	50, 312.5
788840	1300mm x 100mm, Motorized "Go To" Maksutov-Cassegrain	Kinematic Mount	1300 mm	4mm, 25mm	52, 325
788850	1550mm x 127mm, Motorized "Go To" Maksutov-Cassegrain	Kinematic Mount	1550 mm	4mm, 25mm	62, 387.5

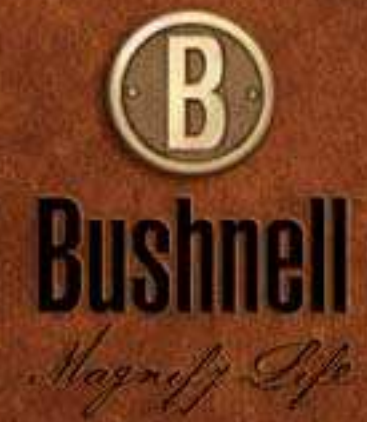


Light path through a Maksutov-Cassegrain

With a unique meniscus-shaped front glass lens element, the Maksutov-Cassegrain optical design has a strong optical heritage in astronomy. Utilizing a spherically curved front lens element in conjunction with a similarly curved primary mirror, this incredible design provides remarkably sharp images in a compact folded-light path package. The total optical system provides a focal length much longer than the actual optical tube body length to yield an awesome imaging scope convenient enough to take out in the backyard or on the road. This advanced design has typically been found only on many higher-end systems often used by professionals. Now Bushnell<sup>®</sup> brings this incredible professional optical system to the NorthStar family.

MODEL	SPECIFICATIONS	MOUNT	FOCAL LENGTH	EYEPIECES	MAGNIFICATIONS
* 788945	500mm x 114mm Starfinder Reflector	Kinematic Mount	500 mm	4mm, 20mm	25, 125
* 788930	500mm x 76mm Starfinder Reflector	Kinematic Mount	500 mm	4mm, 20mm	25, 125
* 788970	400mm x 70mm Starfinder Refractor	Kinematic Mount	400 mm	4mm, 20mm	20, 100

\*New for 2007



# Voyager<sup>®</sup> with Sky Tour<sup>™</sup> Telescopes

**Actually, the only rule on this guided trip is that you enjoy the view.** The ultimate first telescope, our new Voyager<sup>®</sup> Sky Tour<sup>™</sup> series gives amateur stargazers a pro-grade audio tour of the night sky. Its Illuminated Smart Mount points the way as the talking handset describes constellations and planets, and keeps you engaged with entertaining facts and mythology tidbits. Keeping pace is easy with the LED red dot finderscope. You're an instant expert with the Sky Tour series.

- Features:** Electronic Sky Tour handset gives you a real-time audio tour of the night sky
- Discover constellations, mythology, amazing facts and planets
  - Illuminated Smart Mount guides you to the objects highlighted by the Handset
  - LED electronic red dot finderscope for fast positioning
  - Large 1.25"/31.7mm diameter eyepieces
  - Sturdy preassembled construction
  - The ultimate first telescope



**NEW 700mm x 76mm** 789930  
**NEW 900mm x 114mm** 789945  
Large reflector telescopes that guide you across the night sky with real-time audio and our Illuminated Smart Mounts. Barlow lens included.

**NEW 700mm x 60mm** 789960  
**NEW 800mm x 70mm** 789970  
Versatile, talking manual "Go To" refractor telescopes that give an audio tour of the universe. The mount lights up to point the way. Also perfect for land viewing.

*Note: Magnification is calculated magnification. Low power is recommended for most viewing conditions.*

**At least something on deck will look good after three days at sea.** Its refined appearance is second only to the stunning views you'll catch through its premium optics. But do spend some time admiring this trim, solid-brass seafarer. The Harbormaster<sup>®</sup> is polished to a mirror shine and accented by rich cherry woodwork for a truly striking appearance. Inside, the fully coated 35x optics and an achromatic air-spaced objective lens deliver crisp imagery and exceptional brightness.

- Features:** Refractor telescope • Coated optics • Achromatic air-spaced objective lens
- Solid cherry tripod legs (model 783576) and cherry-finish base (model 786036)
  - Solid brass tube and hardware



**35x 76mm**  
783576  
Style: Refractor  
Mount: Tall floor stand

**35x 60mm**  
786036  
Style: Refractor  
Mount: Desktop

*Note: Magnification is calculated magnification. Low power is recommended for most viewing conditions.*

MODEL	SPECIFICATIONS	MOUNT	FOCAL LENGTH	EYEPIECES	MAGNIFICATIONS
* 789960	700mm x 60mm, Refractor	Illuminated Smart Mount	700mm	8mm, 12.5mm	56, 88
* 789970	800mm x 70mm, Refractor	Illuminated Smart Mount	800mm	8mm, 12.5mm	64, 100
* 789930	700mm x 76mm, Reflector	Illuminated Smart Mount	700mm	4mm, 8mm, 12.5mm	56, 88, 176
* 789945	900mm x 114mm, Reflector	Illuminated Smart Mount	900mm	4mm, 8mm, 12.5mm	72, 113, 226

\*New for 2007



**Sky Tour Talking Handsets (English only)** The talking handsets included with our new Sky Tour series telescopes are the ultimate way to learn the lay of the universe. While the voice highlights your choice of constellations, planets, mythology or amazing facts, the telescope's Illuminated Smart Mount lights up to get you dialed in on the celestial object. The buttons are illuminated for easy nighttime use. It's the ultimate way to keep first-time telescope users and amateur astronomy enthusiasts engaged, entertained and learning.



**9mm Kellner Eyepiece**  
780101  
**25mm Kellner Eyepiece**  
780102  
High-quality multi-element 1.25"/31.7mm diameter eyepiece.



**Erecting Lens**  
780103  
1.25"/31.7mm diameter accessory.

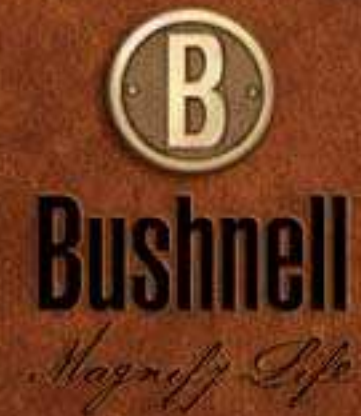


**Camera Adapter**  
780104  
Used with low-power eyepiece and camera for astrophotography.

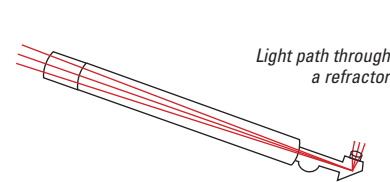


**2x Barlow Lens**  
780105  
Double the magnification of any 1.25"/31.7mm diameter eyepiece.

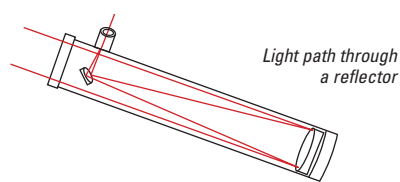
# Harbormaster<sup>®</sup> Telescopes



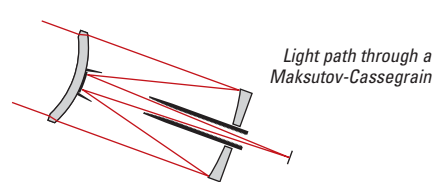
**Telescope:** An optical instrument used for viewing distant objects, usually in the night sky.



Light path through a refractor



Light path through a reflector



Light path through a Maksutov-Cassegrain

**Refractor:** An optical system that utilizes a series of glass lenses to refract or bend the light from a distant object such that it can be focused to a point and magnified by an eyepiece. Popularized by Galileo in the 17th century, it is sometimes referred to as a Galilean refractor.

**Reflector:** The optical system in a reflector uses a primary mirror to reflect the light from a distant object such that it can be focused to a point and magnified by an eyepiece. Popularized by Sir Isaac Newton in the 17th century, it is sometimes referred to as a Newtonian reflector.

**Maksutov-Cassegrain:** A design that utilizes a spherically curved front lens element in conjunction with a similarly curved primary mirror. This configuration provides incredibly sharp images in a compact folded-light path package. The total optical system provides a focal length much longer than the actual optical tube body length.

**Barlow Lens**

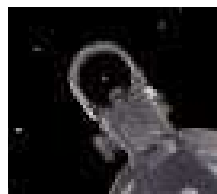
An auxiliary lens that increases the power by a factor. For example, a 2x Barlow doubles the magnification of the telescope.

**Erecting Lens**

Lens used with a refractor telescope when viewing land-based objects to correct the normally upside-down image provided by an astronomical telescope.

**Finderscope**

On most astronomical telescopes a lower-powered finderscope with a wider field of view lets the user quickly locate the object to be viewed by the high-magnification main telescope.



Red Dot Finderscope

**Focal Length**

The measured light path of the optical system (tube length), typically measured in millimeters. Telescopes are listed as 900x 114mm or 750x 60mm. The first number refers to the focal length of the telescope.

**Focusing Knob**

Controls the rack and pinion focusing system. Permits smooth movement of the eyepiece for precise, sharp images.

**Objective Lens Size (or Aperture)**

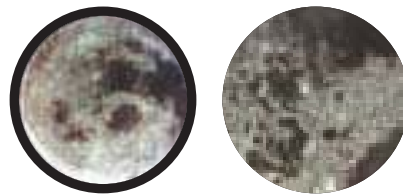
The second number in the formula (900mm x 114mm) is the diameter of the objective lens or mirror. The aperture relates directly to how bright images will appear and how much detail is revealed. The larger the objective lens, the better. The size of the telescope's objective lens, or aperture, limits the amount of power that can be used

effectively.

As the magnification of an object increases, the brightness of the image decreases. This is because the light gathered by the telescope is being spread over a larger area. Aperture also limits the clarity of an image at increased magnification. When magnified beyond an aperture's recommended power, the image dims and becomes fuzzy.

**Magnification (Power)**

With a 100x telescope, the object being viewed appears to be 100 times closer than you would see it with the unaided eye. The magnification of a telescope is determined by dividing its focal length by the focal length of the eyepiece being used. For example, a 500mm telescope with a 5mm eyepiece would magnify objects 100x. Thus, a telescope can provide nearly any magnification required depending on the focal length of the eyepiece used. Since most objects in the sky are rather large, high magnification isn't necessary. Rather, a telescope that gathers lots of light is needed to make dim objects appear brighter and sharper. The power, or magnification, contributes to the overall size and bulk of the telescope. This is because as the power increases, so must the physical size of the objective lens.



Without

100x

*Note: Magnification is calculated magnification. Low power is recommended for most viewing conditions.*

**Resolution**

Resolution, or definition, is the ability of a telescope to distinguish fine detail and retain clarity.

**How to Choose.** When selecting a telescope, consider which target objects you plan to explore as well as your level of experience. For viewing most night sky objects, you'll want a telescope with as much aperture as possible. Keep in mind that as the size of the objective lens or mirror increases, so does the size of the telescope. So be sure to select a telescope that isn't too heavy to manage or too complicated for you to set up – especially if portability is a necessity.

**Eyepieces**

Lower-power eyepieces provide a wider field of view and a brighter image, making them ideal for viewing the full moon and planets, star clusters, nebulae and constellations. To focus in on the finer details of the moon and planets such as mountains, ridges and craters, use an eyepiece with higher magnification.

**"Go To" Computerized Star Locator**

This exciting feature utilizes an onboard computer and advanced motorized technology to allow you to quickly locate and automatically follow over 20,000 preprogrammed astronomical objects with the touch of a button. Educational descriptions of each object are also provided.

**Real Voice Output™**

Talking telescope describes the night sky with the touch of a button in a real human voice – an interactive and educational way to explore the heavens.

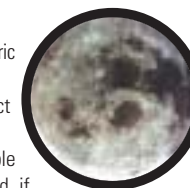


**Reflectors**

Reflectors feature larger apertures for a wide range of viewing options at an affordable price. Designed with the eyepiece located at the top of the tube, reflectors are more comfortable to use for viewing night-sky objects such as nebulae, the moon, planets and galaxies. Reflectors tend to be heavier and larger than refractors.

**Refractors**

Refractors are less affected by atmospheric instabilities, making them perfect for observing the moon and planets. Perfect for first-time and novice astronomers, small refractors are lightweight, portable and require very little maintenance. And, if you're interested in viewing both land and celestial objects, refractors are equipped for both uses.



**Sky Tour Talking Handsets (English only)**

The talking handsets included with our new Sky Tour series telescopes are the ultimate way to learn the lay of the universe. While the voice highlights your choice of constellations, planets, mythology or amazing facts, the telescope's Illuminated Smart Mount lights up to get you dialed in on the celestial object. The buttons are illuminated for easy nighttime use. It's the ultimate way to keep first-time telescope users and amateur astronomy enthusiasts engaged, entertained and learning.

**Tripod**

A tripod serves as a steady platform for the telescope to allow hands-free use. Because of its powerful magnification, even the slightest jiggle of the telescope is enough to move it from its target. Tripods feature three adjustable legs so the telescope can be used even when the ground is uneven.

**Mounts**

There are two basic types of telescope mounts, the altitude-azimuth (or altaz) and the equatorial. Altaz mounts are the easiest to maneuver and are ideal for first-time astronomers. Equipped with a manual control or motor drive that allows you to follow the movement of objects across the night sky, equatorial mounts are ideal for more experienced astronomers.



**Illuminated Smart Mount\***

Allows precise left to right and up and down motion along with illuminated dials for navigating the night sky.

*\*An exclusive feature of Bushnell models.*



**Kinematic Mount\***

Undoubtedly the most precise yet simple telescope mount in years, this high-precision altaz mount uses the principle that it requires three points to form a plane. Designed for optimum shape, the kinematic mount features three points of contact in both horizontal and vertical planes.

*\*An exclusive feature of Bushnell models.*



**Yoke Mount**

A U-shaped altaz mount.

Terms



**Bushnell**  
*Magnify Life*



# Spotting Scopes

*Deliverance.  
At the speed of light.*



Elite	46
Legend	48
Trophy	49
Spacemaster	50
Imageview	53
Sentry	54
Sportview	55
Tripods	56
Terms	57

You've just tightened focus on what had once been only an elusive lifelong quest – a mule deer, a red-throated pipit, Everest – and nothing exists beyond this light-speed connection. You exist purely and quietly in the moment. The higher the magnification and the sharper the image, the more powerful the impact. Bushnell® spotting scopes are precision-engineered to get you there. And because "there" can be just about anywhere, we wrap our optics in rugged housings and craft them in a wide range of designs to fit the pack space, budget and demands of virtually any excursion imaginable. Life's true ecstasy is forgetting you're alive. Realize it, and you're probably looking through a Bushnell spotting scope.



**Bushnell**  
*Magnify Life*



**Enjoy the view from the peak of optical achievement.**

An Elite® spotting scope gives you a vantage from the world's high point of brightness, clarity and edge-to-edge detail, whether you're birding at sea level or hunting above timberline. ED Prime Extra-Low Dispersion glass, premium BaK-4 prisms and fully multi-coated lenses deliver flawless color fidelity, ultra-crisp images and optimum light transmission. Waterproof construction and our Rainguard® coating keep things clear. Save yourself some legwork and start at the top.

- Features:** ED Prime Extra-Low Dispersion glass • Rainguard® • 100% waterproof and fogproof • Armored • 20–60x zoom eyepiece • BaK-4 prisms • Protective case • Retractable sunshade • Camera adaptable

- Camera Adapter 780050
- Eye relief
- 22x eyepiece 782200 34mm
- 30x eyepiece 783000 22mm

**(ED)** ED Prime Extra-Low Dispersion fluorite glass delivers amazing color resolution and contrast, and virtually eliminates chromatic aberration and color-fringing to bring out the most distinct details possible in low-light conditions. Featured on Elite models 780080 and 788045.



**20–60x 80mm 788045**  
Our finest scope with a 45 degree eyepiece.



**Rainguard®:** Simply put, if you buy any spotting scope that doesn't have our patented Rainguard lens coating, you're compromising. Featured on all Elite® products, this unique water-repellent coating causes water drops from rain, sleet, snow or condensation to bead up into much smaller droplets. These tiny droplets then scatter less light, resulting in a much clearer and brighter view.



Our waterproof products are designed to be air tight and then dry-nitrogen sealed, so moisture stays out – even when they are submerged in water.

**20–60x 80mm 780080**  
Our finest scope with a straight-thru design.



**Elite®**  
**High-Performance**  
**Spotting Scopes**



MODEL	MAGNIFICATION	OBJECTIVE (mm)	PRISM GLASS	RAIN-GUARD®	LENS COATING	FIELD OF VIEW (ft./1000yds. / m@1000m)	EXIT PUPIL (mm)	CLOSE FOCUS	WEIGHT (oz. / g)	LENGTH (in. / mm)	WATERPROOF/ FOGPROOF	OTHER EYEPIECES AVAILABLE	EYE RELIEF
780080	20–60x	80	BaK-4	Yes	Fully Multi	98/32@20x / 50/16.5@60x	4.1@20x / 1.4@60x	15 ft. / 5 m	53 / 1484	17 / 432	Yes	Yes	18mm
788045	20–60x	80	BaK-4	Yes	Fully Multi	98/32@20x / 50/16.5@60x	4.1@20x / 1.4@60x	15 ft. / 5 m	53 / 1484	17 / 432	Yes	Yes	18mm



**Bushnell**  
*Magnify Life*



# Legend™ High- Performance Spotting Scopes




20–60x 60mm 787526  
20–60x 80mm 787528  
Precision optics with a powerful zoom range wrapped in a waterproof, rubber-armored housing. The ultimate spotting scopes for the hunt.



### Everything you've ever wanted in a spotting scope.

Well, almost – getting a B&C elk or rare bird species in it is your job. We made that task as easy as optically possible with bright, razor-sharp imagery and a rugged, weatherproof design that's ready for any condition. Built on the legacy of our Legend™ binocular series, the Legend spotting scope delivers optimum field performance for an exceptional price. Fully multi-coated optics. Premium-quality BaK-4 prisms. 100% waterproof, shockproof construction. Patented Rainguard® anti-fog technology. We thought of it all. The footwork is up to you.

- Features:** 100% waterproof and fogproof  
 • Rainguard® water-repellent lens coating  
 • BaK-4 prisms  
 • Fully multi-coated optics  
 • Large porro prism design  
 • Soft carrying case included  
 • Extra-long eye relief  
 • Zoom eyepiece • Hard case  
 • Full size tripod



**Made to hunt.** Sounds like you and the Trophy® were made for one another. Our optical masterminds created the ultimate spotting scope for extreme conditions. This rugged, rubber-armored performer is 100% waterproof and magnifies every minute of legal time with premium multi-coated optics. It's tough, bright and ready to go anywhere you are. Looks like you finally found a dependable hunting partner.

- Features:** Porro prism design • Premium multi-coated optics • Zoom magnification up to 60x • 100% waterproof rubber armor construction • Compact tripod • Premium hard-side case • Compact soft-side case

Our waterproof products are designed to be air tight, so moisture stays out – even when submerged in water.



20–60x 65mm 782065  
Extra power for extra range, this is the ultimate portable, all-weather spotting scope for trophy hunting and birding.



# Trophy® Spotting Scopes

MODEL	MAGNIFICATION	OBJECTIVE (mm)	RAIN GUARD®	LENS COATING	FIELD OF VIEW (ft.@1000yds. / m@1000m)	EXIT PUPIL (mm)	CLOSE FOCUS	WEIGHT (oz. / g)	LENGTH (in. / mm)	WATERPROOF/ FOGPROOF	EYE RELIEF	MODEL	MAGNIFICATION	OBJECTIVE (mm)	FIELD OF VIEW (ft.@1000yds. / m@1000m)	EXIT PUPIL (mm)	CLOSE FOCUS	WEIGHT (oz. / g)	LENGTH (in. / mm)	EYE RELIEF
787526	20–60x	60	Yes	Fully Multi	138/46@20x / 68/23@60x	3@20x / 1@60x	20 ft./7m	34.3 / 972	14.3 / 363	Yes	21mm	782550	25–50x	50	92/31@25x / 52/17@50x	2.0@25x / 1.0@50x	30 ft./9m	17 / 481	12.2 / 310	14mm
787528	20–60x	80	Yes	Fully Multi	109/36@20x / 52/17@60x	4@20x / 1.2@60x	20 ft./7m	55.4 / 1571	17.3 / 438	Yes	20mm	782065	20–60x	65	90/27@20x / 45/13.7@60x	3.25@20x / 1.1@60x	30 ft./9m	20 / 567	12.7 / 322	14mm



Soft carrying case included.



Premium hard side and compact soft-side carrying cases included.



25–50x 50mm 782550  
Rugged, compact and 100% waterproof for high-country hunting, backpacking and adventure travel. Features a compact tripod and compact carrying case.



# Bushnell

*Magnify Life*



### True ecstasy for the eyes

often occurs when the rest of your body is screaming for reprieve. Our compact, collapsible Spacemaster® spotting scopes are ideal optics for those who realize this paradox regularly. With a telescoping design that packs down ultra-small, they're easy to tote when the trail is a challenge. And your efforts are rewarded with bright, clear views through fully coated optics. Steady them with your hand using the "scope glove" or catch nature's drive-in with the integrated window mount.

#### Features: 20–60x zoom

- Fully coated optics • Exclusive multi-position eyepiece with infinite number of positions • Extra-long eye relief (41mm)
- Rubberized surface finish • Carrying case included



**Collapsible Spotting Scope 787346**  
Compact and versatile design especially for hunters.



**45° Collapsible Spotting Scope 787345**  
Innovative design with a convenient 45 degree eyepiece.



**20–60x 60mm 787360**  
Our most powerful variable zoom model with a multi-position eyepiece, extra-long eye relief (41mm) and rubberized surface finish. Hard carrying case included.



Exclusive multi-position eyepiece offers infinite number of viewing positions



**Collapsible Spotting Scope 787347**  
Innovative and compact design. **ZOOM**

#### Features: Compact design • 15–45x zoom

- Compact tripod • Car window mount
- Aluminum-frame hard case and soft case
- Scope glove • Bonus 25x eyepiece



Bushnell® collapsible spotting scopes include an aluminum-frame hard case, a soft case and an exclusive "scope glove" that wraps around your scope for easier hand holding. A window mount is also included for steady viewing from your car.

## Spacemaster® Spotting Scopes



**Bushnell**  
*Magnify Life*

MODEL	MAGNIFICATION	OBJECTIVE (mm)	FIELD OF VIEW (ft.@100yds. / m@1000m)	EXIT PUPIL (mm)	CLOSE FOCUS	WEIGHT (oz. / g)	LENGTH (in. / mm)	EYE RELIEF
787345	15–45x, 25x	50	52/17@45x / 113/38@15x, 110/37@25x	3.3@15x / 1.1@45x / 2.0@25x	11 ft./3.4 m	22.8 / 646	8 / 203	14mm
787346	15–45x, 25x	50	52/17@45x / 113/38@15x, 110/37@25x	3.3@15x / 1.1@45x / 2.0@25x	11 ft./3.4 m	22.8 / 646	8 / 203	14mm
787347	15–45x, 25x	50	52/17@45x / 113/38@15x, 110/37@25x	3.3@15x / 1.1@45x / 2.0@25x	11 ft./3.4 m	22.8 / 646	8 / 203	14mm
787360	20–60x	60	88/29.3@20x / 40/13.3@60x	3@20x / 1@60x	20 ft./6.1 m	36.5 / 1022	14.5 / 368	41mm

# Spacemaster<sup>®</sup> Spotting Scopes

**Our best-selling Spacemaster<sup>®</sup> in three convenient kits.** For your convenience, the 20–45x and 15–45x variable-power models are available packaged with a compact tripod and a backpack carrying case.

**Features:** Rugged design  
• 100% waterproof and fogproof  
**RAINGUARD** • BaK-4 prisms • Fully multi-coated optics • Rainguard<sup>®</sup> • Rubber armored • Redesigned kit packs with top pocket for spotting scope and tripod

All kits include an adjustable tripod and handsome, backpack-style carrying case.



**ZOOM**



Durable backpack-style carrying case included.

**20–45x 60mm** 781822 LER Kit  
Precision optics with a powerful magnification range and an improved design that excels in foul weather and rough conditions.

**15–45x 60mm** 781818 Black Kit  
All-conditions, all-weather dependability and sharp viewing at a price that won't cut too far into your budget.

**15–45x 60mm** 781218 Camo Kit  
This spotting scope is waterproof, clear in any weather and features rugged camo rubber armor.



**We won't tell you what a picture's worth.** But capture a moment of perfection at 15x and you just may think our ImageView<sup>®</sup> spotting scope is priceless. It's equal parts spotting scope and digital camera, and an instant pardon when you find yourself at a loss for words. Take in the view at high power through bright, crisp multi-coated optics. And take it home with quality images stored to a 16MB internal memory.

**Model 787351 Features:** 15x optical magnification • 2.1 megapixels • Flip-out LCD • 16MB internal memory • Remote shutter • Imageview software • Rubber armored • Premium aluminum-frame hard case • USB cable • 15–45x zoom eyepiece • BK-7 prism • Retractable sunshade • Tripod and soft case

**Model 787348 Features:** 15x optical magnification • 640 x 480 pixels • 16MB internal memory • Remote shutter • USB cable • Imageview software • 15–45x zoom eyepiece • Retractable sunshade • Rubber armored • Premium aluminum-frame hard case • Tripod and soft case • BK-7 prism

**15–45x 50mm** 787351  
Digital imaging spotting scope with 2.1 megapixels image capture and flip-out color LCD screen.

**ZOOM**



Actual photo taken with Imageview<sup>®</sup> spotting scope.



MODEL	MAGNIFICATION	OBJECTIVE (mm)	PRISM GLASS	RAIN-GUARD <sup>®</sup>	LENS COATING	FIELD OF VIEW (ft.@1000yds. / m@1000m)	EXIT PUPIL (mm)	CLOSE FOCUS	WEIGHT (oz. / g)	LENGTH (in. / mm)	WATERPROOF/ FOGPROOF	EYE RELIEF
781218	15–45x	60	BaK-4	Yes	Fully Multi	125/42@15x / 65/22@45x	4@15x / 1.3@45x	30 ft./9.1m	43 / 1219	12.7 / 323	Yes	11mm
781818	15–45x	60	BaK-4	Yes	Fully Multi	125/42@15x / 65/22@45x	4@15x / 1.3@45x	30 ft./9.1m	43 / 1219	12.7 / 323	Yes	11mm
781822	20–45x	60	BaK-4	Yes	Fully Multi	90/30@20x / 58/19@45x	3@20x / 1.3@45x	30 ft./9.1m	43 / 1219	12.7 / 323	Yes	18mm
782318	15–45x	60	BaK-4	Yes	Fully Multi	125/42@15x / 65/22@45x	4@15x / 1.3@45x	30 ft./9.1m	43 / 1219	12.7 / 323	Yes	11mm

MODEL	MAGNIFICATION	OBJECTIVE (mm)	LENS COATING	FIELD OF VIEW (ft.@1000yds. / m@1000m)	EXIT PUPIL (mm)	CLOSE FOCUS	WEIGHT (oz. / g)	LENGTH (in. / mm)	WATERPROOF/ FOGPROOF	EYE RELIEF	BATTERY
787348	15–45x	50	Multi	125/42@15x / 65/22@45x	1.1@15x / 2.9@45x	26 ft./8m	25.4 / 711	11.6 / 295	Body	11mm	2-AAA
787351	15–45x	50	Multi	125/42@15x / 65/22@45x	1.1@15x / 2.9@45x	26 ft./8m	25.4 / 711	11.6 / 295	Body	11mm	2-AAA

**15–45x 50mm** 787348  
Digital imaging spotting scope featuring VGA-quality image capture.



# Imageview<sup>®</sup> Spotting Scopes



**Bushnell**  
*Magnify Life*



**15–45x 60mm**  
782318  
Tough, clear, bright and made for any weather, this versatile spotting scope will do it all for a great price.

**ZOOM**



**Because big adventures usually require a downsized pack.** Our Sentry® spotting scope is a tight little bundle of full-size brightness and clarity that will go hard and go virtually anywhere. Its multi-coated optics give you great visual command of dawn and dusk conditions. And every model is built for the long haul, with waterproof, rubber-armed housings. A premium spotting scope is one of the finer things you'll never have to go without.

**Features:** 50mm objective lens for a clear, bright image • Multi-coated optics for increased light transmission • 100% waterproof • Rubber armor absorbs shock • Compact tripod for long-range viewing • Car window mount • Soft-side carrying case (model 789332 and 789332R) • Hard-side carrying case (all models)



Premium hard-side and compact soft-side carrying cases included.

**12-36x 50mm** 789332 green

**12-36x 50mm** 789332R camo



Designed specifically for hunting applications where compact optics are a necessity. Other features include Mossy Oak® New Break-Up® camo rubber armor, tripod and versatile car window mount.



**18-36x 50mm** 781837 camo

**18-36x 50mm** 781836 black

Compact featuring a fully waterproof rubber armor and premium, hard-side case.

**18-36x 50mm** 781838  
Compact featuring 45-degree eyepiece.

### You'll do a double-take.

That is, you'll grab both versions when you see this one-two punch of Bushnell® quality and affordable pricing. Our Sportview® series is offered in two different magnification ranges, 15-45x and 20-60x, to suit the needs of virtually any outdoor enthusiast. Both models come standard with crisp, clear fully coated optics, tripod and hard carrying case. And their rugged construction ensures long-term dependability. An impressive blend of value and performance times two.

**Features:** Variable zoom eyepiece for great viewing range • Fully coated optics reduce glare and enhance picture clarity • Rugged construction • Compact tripod • Hard carrying case

**15-45x 50mm** 781545

A great mid- to high-power spotting scope for all-around use.



**20-60x 60mm** 782061

Extra power and performance at the high end for extended-range viewing.

MODEL	MAGNIFICATION	OBJECTIVE (mm)	FIELD OF VIEW (ft.@1000yds. / m@1000m)	EXIT PUPIL (mm)	CLOSE FOCUS	WEIGHT (oz. / g)	LENGTH (in. / mm)	EYE RELIEF	MODEL	MAGNIFICATION	OBJECTIVE (mm)	FIELD OF VIEW (ft.@1000yds. / m@1000m)	EXIT PUPIL (mm)	CLOSE FOCUS	WEIGHT (oz. / g)	LENGTH (in. / mm)	EYE RELIEF
781836	18-36x	50	115/38@18x / 75/25@36x	2.8@18x / 1.4@36x	20 ft./6.1m	31 / 877	14.7 / 373	16mm	781545	15-45x	50	103/34@15x / 35/12@45x	4@15x / 1.3@45x	40 ft./12.2m	23.4 / 662	17.4 / 442	11mm
781837	18-36x	50	115/38@18x / 75/25@36x	2.8@18x / 1.4@36x	20 ft./6.1m	31 / 877	14.7 / 373	16mm	782061	20-60x	60	70/23@20x / 24/8@60x	3@20x / 1@60x	40 ft./12.2m	25 / 709	20.5 / 521	11mm
781838	18-36x	50	115/38@18x / 75/25@36x	2.8@18x / 1.4@36x	20 ft./6.1m	31 / 877	14.7 / 373	16mm									
789332	12-36x	50	140/46@12x / 65/21@36x	3.1@12x / 1.5@32x	12 ft./3.7m	21.5 / 600	8.7 / 221	14mm									
789332R	12-36x	50	140/46@12x / 65/21@36x	3.1@12x / 1.5@32x	12 ft./3.7m	21.5 / 600	8.7 / 221	14mm									



Models 781836, 781837 and 781838 include a premium hard-side case.



Our waterproof products are designed to be air-tight, so moisture stays out – even when they are submerged in water.



Premium hard case included.



**Bushnell**  
*Magnify Life*



**Advanced Tripod** 784030  
This is a full-featured stand-up tripod for viewing from a platform, roadside or deck where portability is not essential. Max height: 61"/155 cm



**Advanced Titanium** 784040  
Our titanium model features three-position leg angle adjustment, three-way pan head, two pan and tilt handles and a gearless reversible center column. Bushnell® quality with moderate carrying weight, this is the ultimate stand-up tripod. Max height: 63"/160 cm

**Shooters Stand** 783011  
Designed specifically for benchrest shooting and sighting in riflescopes. Solid, compact and easily adjustable for the optimum height. Max height: 12"/30 cm



**Field Tripod** 783001  
Compact, lightweight and easily set up in the field. Our best tripod for hunters and birders on the go. Max height: 36"/91 cm



**Binocular Tripod Adapter** 161001CM  
Makes any binocular tripod-ready. Recommended for prolonged observation with any binocular of 10x or more.



**Tripod** 784406C  
Compact tripod that's easily taken along anywhere and converts to a car window mount. Max height: 8"/20 cm



**Table Top** 783012  
Ideal for backyard observation – or anywhere an ultra-compact tripod is all you need. Max height: 9"/23 cm



**Car Window Mount** 784405  
The traveling birder's secret. You'll see these mounts holding spotting scopes on car windows from Puget Sound to the Everglades.



**Car Window Mount** 784407C

**Spotting Scopes Termonology:** A high-powered, compact optical instrument used to view distant objects such as birds, wildlife, boats and landmarks.

**Coated Optics**

Coatings on lens surfaces reduce light loss and glare due to reflection, resulting in a brighter, higher-contrast image with reduced eyestrain. Bushnell® spotting scopes are coated with a microscopic film of magnesium fluoride. More coating leads to better light transmission.

**Types of Coating**

- Coated** – A single layer on at least one lens surface.
- Fully Coated** – A single layer on all air-to-glass surfaces.
- Multi-Coated** – Multiple layers on at least one lens surface.
- Fully Multi-Coated** – Multiple layers on all air-to-glass surfaces.

**Exit Pupil**

The exit pupil refers to the size of the column of light that exits a spotting scope. The larger the exit pupil, the brighter the image. To determine the size, divide the objective lens diameter by the power. Thus, a 15x 45 model has an exit pupil, or useable light, of 3mm (45/15 = 3).

**Eye Relief**

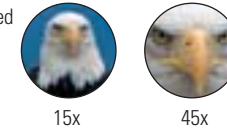
The distance a spotting scope can be held away from the eye and still present the full field of view. Extended or long eye relief reduces eyestrain and is ideal for eyeglass wearers.

**Field Of View (F.O.V.)**

Field of view is the side-to-side measurement of the circular viewing field or subject area. It is defined by the width in feet or meters of the area visible at 1,000 yards or meters. A wide field of view is better for following fast-moving action or scanning for wildlife. Generally, the higher the magnification, the narrower the field of view.

**Magnification (Power)**

Spotting scopes are often referred to by numbers separated by an "x". For example: 15–45x 60. The first number is the power, or magnification, of the spotting scope. With a 15–45x60 variable power spotting scope, the object being viewed appears to be 15–45 times closer than you would see it with the unaided eye.



**Near or Close Focus**

The closest you can be to an object and maintain visual clarity.

**Objective Lens Size**

The number after the "x" in the formula: (15–45x 60) is the diameter of the objective or front lens. The larger the objective lens, the more light that enters the spotting scope and the brighter the image.

**Prism Glass**

Most optical prisms are made from borosilicate (BK-7) glass or barium crown (BaK-4) glass. BaK-4 is the higher-quality glass, yielding brighter images and high edge-to-edge sharpness.

**Prism Systems**

The prism system turns what would otherwise be an upside-down image right side up.

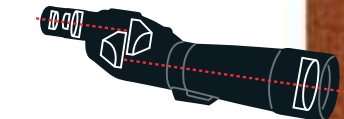
**Roof Prism System**

The prisms overlap closely, allowing the objective lenses to line up directly with the eyepiece. The result is a slim, streamlined shape in which the lenses and prisms that magnify and correct the image are in a straight line.



**Porro Prism System**

The objective or front lens is offset from the eyepiece. Porro prisms provide greater depth perception and generally offer a wider field of view.



**Rainguard®**



Our exclusive, patented, hydrophobic (water-repellent) coating on which condensation from rain, fog or snow forms in much smaller droplets than on standard coatings. Smaller droplets scatter less light, which results in increased light transmission and a clearer image.



**Resolution**

Resolution, or definition, is the ability of a spotting scope to distinguish fine detail and retain clarity.

**Waterproof/Fogproof**

Some scopes are sealed with O-rings and nitrogen purged for waterproof and fogproof protection. These models are able to withstand complete immersion and remain dry inside.



*Technically speaking,  
we make some really cool stuff.*

Outdoor  
Technologies



We turned night into day with cutting-edge light-gathering technology and infrared illuminators; harnessed invisible lasers to give you instant, push-button access to precise distance measurements out to 1,500 yds/m; and built trail cameras that shed light on your woods while remaining completely invisible to game animals. Sound sophisticated? There's plenty more. But it's all in a half-century's work for some savvy, hard-core outdoors enthusiasts. Read on. You'll see no one pulls more weight to land you the lead role in the best show on earth. We're also sure you'll agree these marvels of modern technology are best summed up with a little language we all can relate to.



**Bushnell**  
*Magnify Life*

*Seize the moment.  
And take it with you.*

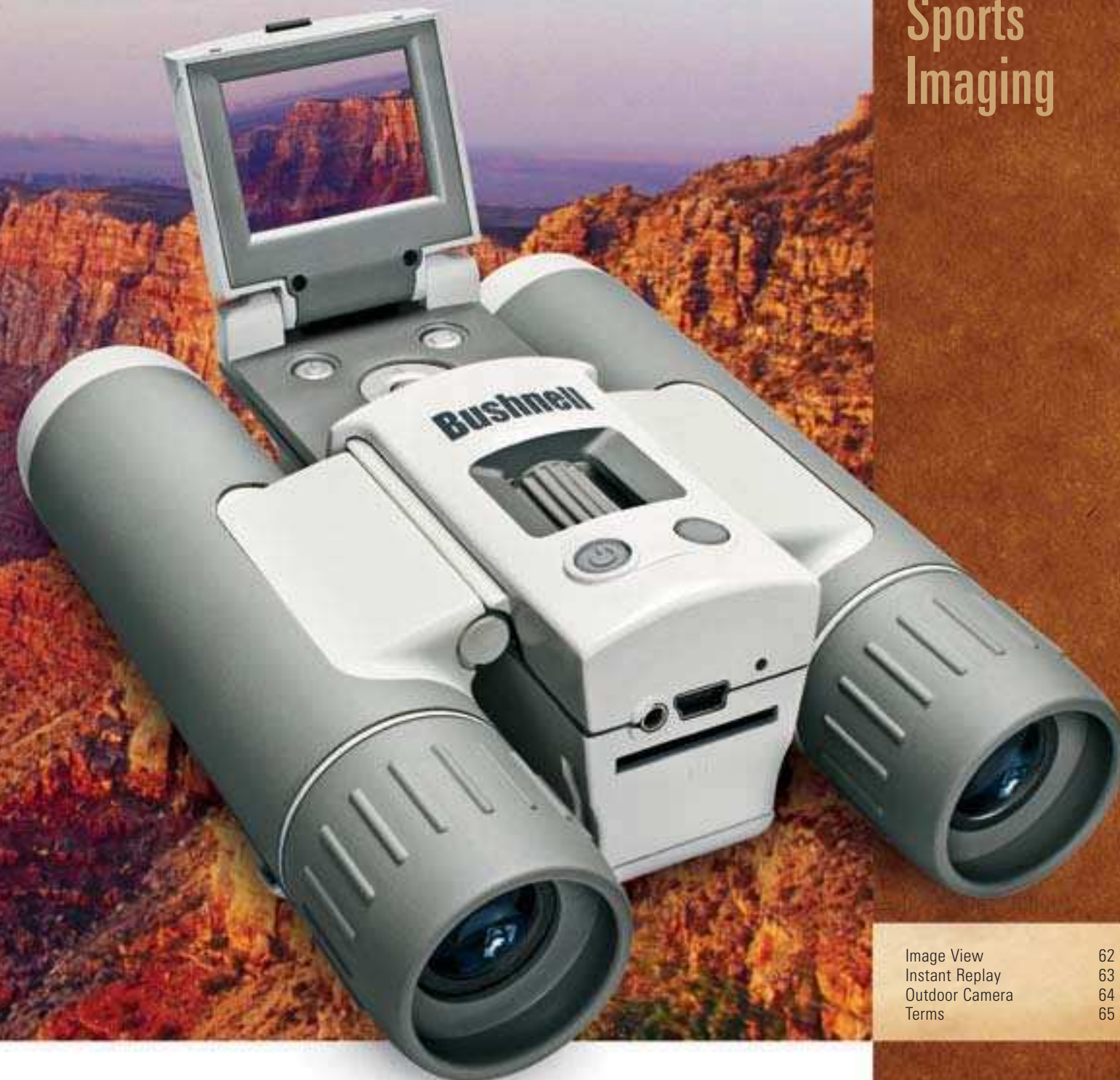
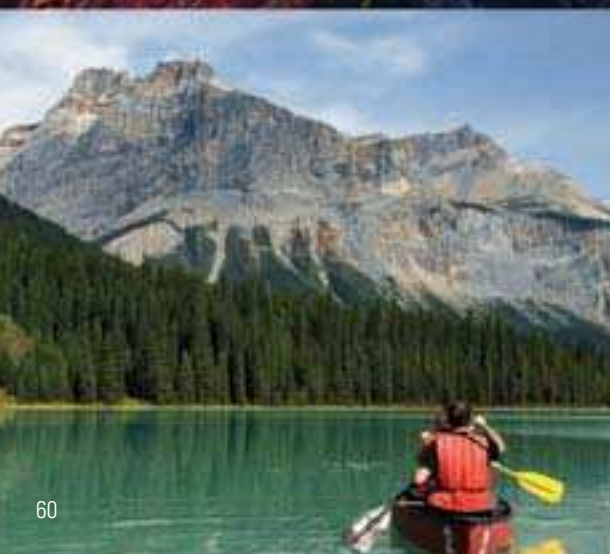


Image View	62
Instant Replay	63
Outdoor Camera	64
Terms	65

Try to verbally recount a picture of perfection, and you'll never do it justice. No matter how many words you think it's worth. Our sports imaging products save you the frustration. "Look" will describe that illusive glimpse of beauty, and it will be saved to a memory not affected by the shadow of time or the contrast of your current setting. Two lines of binoculars combining Bushnell® quality optics and cutting-edge digital imaging technology. And a digital camera built for the rugged demands of your outdoor lifestyle. There are some experiences you wish would never end. Some innovative thinking by your friends at Bushnell gives you the next best thing.



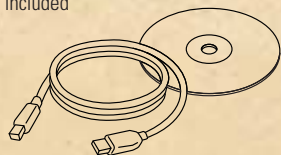
**Bushnell**  
*Magnify Life*





**When memories fade, print another copy.** We combined the outstanding optical performance of Bushnell® binoculars with a high-resolution digital camera, so you could see the moment with amazing clarity and save it to memory – built-in RAM or SD card – with the push of a button. Image View® binoculars are compact enough to fit in a pocket and come in a variety of models to suit everyone from sports fans to adventure travelers. Remember these, and unforgettable moments are a lot easier to come by.

**Features:** USB port • USB cable and software included



**Image View™ Monocular**  
8x 20mm 118000  
Digital monocular  
VGA still pictures  
8MB internal memory  
Manual focus  
USB mass storage



**Image View™**  
8x 21mm 118200  
VGA still pictures  
8MB internal memory  
USB mass storage



**NEW**  
**Image View™**  
10x 25mm 111026  
VGA still pictures  
8MB internal memory  
SD card slot



**Pocket Image View™**  
7x 18mm 110718  
VGA still pictures  
16MB internal memory  
Unique, compact design  
Dual zone camera focus



**Image View™ Plus**  
8x 30mm 118321  
2.1 megapixel still pictures  
16MB internal memory  
SD card slot  
USB mass storage



**Compact Instant Replay™**  
8x 30mm 118323  
**Features:** 8x magnification • 30mm objective lens  
• BK-7 roof prisms • Fully coated optics •  
3.1 megapixel still pictures • SD card slot • Neck  
strap and carrying case • 1.5"/3.8cm flip-up LCD  
• Instant replay video loops up to 60 seconds •  
Continuous video mode (up to 640 x 480 @30 fps) •  
16MB internal memory

**Bushnell's Instant Replay™ binocular** is a serious, high-performance binocular with a dual personality. The Compact Instant Replay™ can record a 60-second continuous video loop, allowing you to capture and review sports action on the LCD screen right after it happens. Or, you can choose to take high-quality digital photos. And you saw the action at 8x with amazing clarity. Instant Replay™ binoculars are perfect for coaches, sports fans and any outdoor enthusiast – from birder to big-game hunter. Magnify life with superior optics, and keep it on file for further review.



**Image View®**  
Digital Imaging  
Binoculars  
& Instant  
Replay™  
High-  
Performance  
Digital Imaging  
Binoculars

MODEL	MAGNIFICATION X OBJ. LENS	SIZE CLASS	BINO. FOCUS SYSTEM	PRISM SYSTEM	PRISM GLASS	LENS COATING	FIELD OF VIEW† (ft.@1000yds. / m@1000m)	CLOSE FOCUS† (ft. / m)	EXIT PUPIL (mm)	EYE RELIEF (mm)	EYECUPS	WEIGHT (oz. / g)	ADAPT TO TRIPOD	BATTERY
118000	8x 20	Compact	Objective	Roof	BK-7	Fully	302 / 101	7 / 2	2.5	10	Fold-Down	4.5 / 127	No	AAA (2)
118200	8x 21	Compact	Center	Roof	BK-7	Fully	280 / 93	13 / 4	2.5	9	Fold-Down	9.9 / 280	No	AAA (2)
110718	7x 18	Compact	Center	Porro	BK-7	Fully	366 / 122	10 / 3	2.6	14.5	Fold-Down	8.2 / 232	No	AAA (2)
* 111026	10X 25	Compact	Center	Roof	BK-7	Fully	290 / 97	12 / 3.6	2.5	10	Fold-Down	10 / 283	Yes	AAA (2)
118321	8x 30	Compact	Center	Roof	BK-7	Fully	320 / 107	10 / 3	3.75	15	Fold-Down	14.5 / 411	No	CR123 (1)

\*New for 2007 †For binocular optics

For everyone from sports fans to adventure travelers, the Image View is ideal for viewing and recording the action. Our premium model features 8x binocular magnification, a five-way control pad to command camera functions, a color LCD screen for viewing camera images and menu options, and memory-card slot.



MODEL	MAGNIFICATION X OBJ. LENS	SIZE CLASS	BINO. FOCUS SYSTEM	PRISM SYSTEM	PRISM GLASS	LENS COATING	FIELD OF VIEW† (ft.@1000yds. / m@1000m)	CLOSE FOCUS† (ft. / m)	EXIT PUPIL (mm)	EYE RELIEF (mm)	EYECUPS	WEIGHT (oz. / g)	ADAPT TO TRIPOD	BATTERY
118323	8x 30	Compact	Center	Roof	BK-7	Fully	320 / 107	13 / 4.3	3.75	13	Fold-Down	14.3 / 406	Yes	AAA (2)
* 118325	8x 30	Compact	Center	Roof	BK-7	Fully	320 / 107	10 / 3	3.75	15	Fold-Down	14.8 / 419	Yes	AAA (2)

\*New for 2007 †For binocular optics

**NEW**  
**Compact Instant Replay™**  
8x 30mm 118325

**Features:** 8x magnification • 30mm objective lens • BK-7 roof prisms • Fully coated optics • 5-megapixel still pictures • SD card slot • Neck strap and carrying case • 1.5"/3.8cm flip-up LCD • Instant replay video loops or continuous video • 16MB internal memory



**B**  
**Bushnell**  
*Magnify Life*



# Outdoor Camera™ Water-Resistant Digital Camera

**File your current camera next to all the others you've trashed on past excursions.**

The ultimate outdoor camera is here. This beefed-up, water-resistant digital is built for the long haul off the beaten path. Let it hang out and be fast on the draw – the rubberized, shock-resistant body can take it. A 4x digital zoom gets you in close, and an LCD screen confirms you nailed the shot. The built-in 16MB memory and SD card slot bring the memories home. Bring home another busted camera and you obviously didn't follow our advice.

**Features:** Water-resistant digital camera

- 3.2 megapixels for high-quality digital photos
- Durable shock-resistant body
- 4x digital zoom
- Oversized buttons for easy operation
- USB cable, carrying case and wristband included
- USB port for easy photo downloads
- 1.5"/3.8 cm TFT-LCD display + optical viewfinder
- 16MB internal storage, expandable with SD card (not included)
- Plug and play (Windows 2000/XP, Mac OS X)
- Includes CD-ROM with drivers for Windows 98/98SE, Roxio Photosuite 5 Imaging software
- Requires 2 AA alkaline, lithium or NiMH batteries (not included)



### 3.2 MP Camera

Water-resistant digital camera with 4x digital zoom, 16MB internal storage.

110013G (Green)  
110013Y (Yellow)

**PC Requirements:**

- OS Windows 98/98SE/2000/ME/XP or Mac OS X
- CPU: MMX Pentium 200Mhz equivalent or faster
- Memory: 32MB Minimum
- Internal USB Port



**Digital Imaging:** Like the film camera, digital imaging uses a lens to focus the image on a focal plane. While the film camera relies on film to capture the image, the digital uses a sensor. As light strikes the array of picture elements (pixels) that make up the sensor, it's converted to a current that's passed on to a digital or A-D converter. From the A-D converter, algorithms are applied to the signal, converting it to a digital image file.

### Digital Imaging Sensors

There are Silicon chips consisting of millions of tiny photo diodes, which convert light into an electronic signal.

### CCD and CMOS

The two types of sensors used to capture images in digital cameras. Both can produce excellent results.

**CCD (Charge Coupled Device)** – sensor type use in the Outdoor Camera™

**CMOS (Complementary Metal-Oxide Semiconductor)** – sensor type used in all Image View® models and the compact Instant Replay

### Pixels and Megapixels

Pixels are the tiny squares of color – like dots on a newspaper photo or grains on a photographic print – that make up a digital image. The higher the pixel count, the higher the photographic resolution. A megapixel (MP) equals one million pixels.

### Interpolation

A method of increasing the number of pixels in an image after it is photographed. The pixels actually captured by the camera's sensor are rapidly analyzed by software that creates and adds new similar pixels to the photo file. Some Bushnell® imaging optics provide user options for higher interpolated resolution settings, but all specifications are listed at the true pixel count of the digital sensor, not an artificially inflated number.

### Resolution and File Size

The number of pixels used to produce a digital photo is the primary factor that determines resolution, or ability to reproduce fine detail. More pixels equal higher resolution, which means a larger data file to store.

### File Compression or "Quality"

In addition to high- and low-resolution settings, many digital cameras also provide user options for selecting the "quality," or amount of jpeg file compression that is applied when photos are stored in memory. Higher-quality settings use less compression but take up more storage space.

### Storage Cards: Digital "Film"

These are small removable "flash" memory devices used to hold image data from a digital camera, reducing or eliminating the need for high-capacity internal memory. Many Bushnell digital imaging optics have a slot for an SD (Secure Digital) card, the most common type currently used.

### USB Mass Storage

Cameras with USB mass storage don't need a driver for Windows 2000/SP. Connect the camera to your PC, and it will be identified as a "Removable Disk," just as if it were an external hard drive. Your photo files are stored in a folder on this "disk," and can be copied or moved to the location of your choice or opened directly from the camera within your photo software.

### Flash Memory

Flash memory is "non-volatile," meaning it retains the photo files and user settings even if the power source is removed for a long period of time. Many cameras have electronic components that preserve the memory contents for a few minutes to allow time to change batteries. However, it's always wise to download photos before changing batteries or storing the camera away.

### Focus System

Three focusing methods of are typically used in digital cameras, and

all can be found in Bushnell digital imaging optics:

**Fixed Focus:** The lens is fixed in place, and optimized for maximum depth of field (zone of apparent focus). Works well for distant subjects (but lacks close focus capability) and rapidly moving subjects that may be difficult to maintain focus on with other systems. (All Image View models and compact Instant Replay, 110718 have dual zone near/far focus)

**Auto Focus:** Electronics calculate the distance to the subject using contrast detection or an infrared beam, then a motor rotates the lens to the appropriate focus position. (Outdoor Camera)

**Manual Focus:** The user sets the focus, usually by rotating a knob or the lens barrel. Requires more interaction, but often yields sharper results, and allows the user to determine and change the primary subject of interest. (digital monocular)

### Camera Settings

The "default" automatic setting on digital cameras works fine in most situations, but some cameras will also let the user override "auto" and adjust one or more of the following if necessary or preferred:

**EV (Exposure Value):** Also known as exposure compensation. Allows setting deliberate under- or overexposure by a fine amount, such as "+1.5 EV" (one and a half steps overexposed)

**ISO (Sensitivity):** As with film, low ISO numbers (100–200) will produce the highest quality but require the most light. Higher ISO settings will allow photos in low light without flash, or faster shutter speeds to stop action, but with increasingly noticeable digital "noise."

**Scene Presets:** Some cameras let the user select from several preprogrammed "scenes," which optimize internal camera settings (aperture, shutter speed, point of focus, light metering) for common types of subjects or situations, most commonly Landscape, Sports/Action, Portrait, and Night Scene.

**White Balance:** Auto white balance identifies a white reference point (wall, clouds, etc.) in a scene and applies overall color correction if needed, so whites retain a neutral appearance. If this produces poor results, presets for daylight, cloudy, tungsten and fluorescent lighting are often available.

### Special Features

**Self Timer:** When selected, the photo is taken following a short delay after the shutter button is pressed. Used to prevent camera shake, or to include yourself in the photo.

**Sequential Shot:** Shoots a quick burst of multiple frames (usually 3–5 in a row), to increase chances of capturing the action.

**Macro Focus:** A close focus setting that allows the user to fill the frame with a small object, often only a few inches from the lens.

**Movie Mode:** Allows the camera to shoot and play back short video clips. These are usually stored in the common "avi" format, and can be played on any computer with Windows Media Player, QuickTime, or other software.

### Water Resistant ("Weatherproof") Cameras

The Bushnell Outdoor Camera is water resistant, or "weatherproof." It will not be damaged by rain (short of a monsoon) or accidental splashes of water at the lake. It is not intended to be fully submerged or used by divers, but will withstand conditions commonly encountered by campers, hikers and other outdoor enthusiasts. The Outdoor Camera is also shock resistant.

# Terms



**Bushnell**  
*Magnify Life*

*On the road to perfection.  
And numbering every yard.*

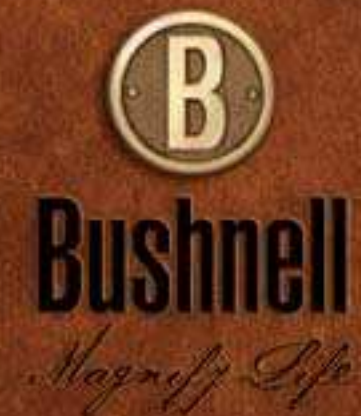
## Laser Rangefinders



Elite 1500	68
Elite 1500 ARC	69
Legend	70
Scout	70
Compact 800	71
Trophy	71
Sport 450	71
Golf	72
Terms	75



In a world of comparisons and lowered standards, striving for perfection requires finding your own way. Ours led us to the unmatched level of innovation you'll find on the following pages. The Bushnell® family of laser rangefinders is the finest on the planet. No one can touch us because they were nowhere in sight when we designed them. Our R&D team isn't just in the lab; it's on the PGA tour, guiding hunters in the Rockies, and pursuing big game worldwide. Their feedback is as invaluable as our more than 50 years experience in designing quality sports optics. A look through one of our laser rangefinders is immediate confidence. With an instant, precise measure of yardage, you're only limited by your own skill and dedication. Aspire and you will attain. We'll keep marking the way.



# Elite® 1500 Laser Rangefinders

**We're the industry leader in laser-rangefinder technology. Now meet our leader,** the finest laser rangefinder on the planet, the Elite® 1500. Accurate from 5 to 1,600 yards/5 to 1465 m. Bright, razor-sharp images. Selective target system. Rugged and impervious to the elements. With the all-weather clarity of Rainguard® and an internal LED for low light. Plus a new model with Angle Range Compensation (ARC) that accounts for steep terrain and calculates bullet drop. You simply can't do any better. But you probably knew that by the name.

### Elite® 1500 Features:

- Standard SCAN mode
- BullsEye™ mode • Brush™ mode
- 100% waterproof, fogproof
- Fully multi-coated optics
- Rubber armored • Twist-up eyepiece
- Built-in tripod mount



**Elite® 1500**  
205100  
Range: 5-1600 yds/5 to 1465m  
Power/Obj: 7x 26mm



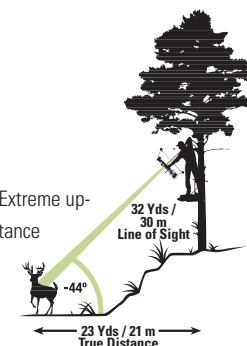
**Elite® 1500 ARC**  
205101  
Range: 5-1600 yds/5 to 1465 m  
Power/Obj: 7x 26mm



- Elite® 1500 ARC Features:** Built-in inclinometer • Bow mode – provides true horizontal distance from 5 to 99 yards/5 to 90 m • Rifle mode – provides bullet-drop/ holdover data in inches from 100 to 800 yards/100 to 730 m • Standard SCAN mode • BullsEye™ mode • Brush™ mode • 100% waterproof, fogproof • Fully multi-coated optics • Rubber armored • Twist-up eyepiece • Built-in tripod mount



**Angle Range Compensation (ARC):** Extreme up- and downhill angles alter true horizontal distance to your target. ARC accounts for the terrain angle when calculating distance, so you know precisely how to shoot the range. No guesswork. Just backstraps.



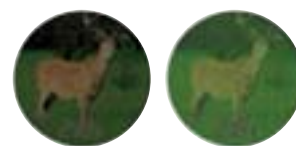
**Bow Mode:** Provides true horizontal distance from 5 to 99 yds/5 to 90m based on angle.

**Rifle Mode:** Select the ballistic group of your firearm (guidelines supplied). When you range your target, an inclinometer displays the angle and provides bullet-drop/holdover in inches (up to 199"/199cm) from 100 to 800 yds/100 to 730m.



MODEL	RANGE (yds/m)	MAGNIFICATION	OBJ. LENS	FIELD OF VIEW (ft.@100 yds. / m@100m)	EYE RELIEF	SIZE (in. / mm)	WEIGHT (oz. / g)	BATTERY TYPE	CASE	SCAN	BOW	RIFLE	BULLS-EYE	BRUSH	RFLCTV. (yds./m)	TREE (yds./m)	DEER (yds./m)	FLAG (yds./m)	ACCURACY (yds./m)
205100	5-1600/5-1465	7x	26	340 / 113	19mm	1.7 x 5.1 x 3.7 / 43 x 129 x 94	12.1 / 343	9-Volt	Carrying	Yes	No	No	Yes	Yes	1600/1465	1000/915	550/505	400/365	+/- 1

MODEL	RANGE (yds/m)	MAGNIFICATION	OBJ. LENS	FIELD OF VIEW (ft.@100 yds. / m@100m)	EYE RELIEF	SIZE (in. / mm)	WEIGHT (oz. / g)	BATTERY TYPE	CASE	SCAN	BOW	RIFLE	BULLS-EYE	BRUSH	RFLCTV. (yds./m)	TREE (yds./m)	DEER (yds./m)	FLAG (yds./m)	ACCURACY (yds./m)
205101	5-1600/5-1465	7x	26	340 / 113	19mm	1.7 x 5.1 x 3.7 / 43 x 129 x 94	12.1 / 343	9-Volt	Carrying	Yes	Yes	Yes	Yes	Yes	1600/1465	1000/915	550/505	400/365	+/- 1



The Elite 1500 features a low-light LED for enhancing readouts in dusk and dawn conditions.

Three selective targeting modes, three fewer excuses – our Elite rangefinder offers hunters a variety of options for assessing their target.



**Standard with Automatic SCAN:** SCAN across the landscape while viewing a continuously updated LCD display of the distance between you and your target.



**BullsEye™:** This mode acquires the distances of small targets and game without inadvertently measuring background target distances. When more than one object is acquired, the closer of the two objects is shown on the LCD.



**Brush™:** Ignores the foreground, such as brush, boulders and tree branches, and provides distances on the LCD to background objects only.



**BullsEye™**



**Brush™**



# Legend™ & Scout™ Yardage Pro® Laser Rangefinders

**Extremely precise measures for extreme conditions.** The accuracy you expect from Bushnell® laser rangefinders in a design so watertight, it'll float. Superior optics bring your target into sharp focus. And the ultra-compact design is ideal for the high-country hunt. In any weather, the Legend™ is a rugged performer you can count on, to the yard.

- Features:** 100% waterproof/floatable construction • Pocket-size ergonomic design • 6x magnification • Scan, Zip and built-in rain and reflect modes • Range: 15–930 yards/14-850 m • Carrying case and wrist strap



**Legend™**  
200003W  
Range: 15–930 yards/14-850 m  
Power / Obj: 6x 23mm

**Legend™**  
201319 camo  
Range: 15–930 yards/14-850 m  
Power / Obj: 6x 23mm



**Dead-on in an instant.** The Trophy® is fast, simple, precise and armed with one lethal little button. A tap gives you accurate yardage from 5 to 999 yards/5 to 915 meters. It also kills any chance of using the misjudged-range excuse again. But it's time to hang up that tired old bit and start hanging some horns on the wall.

**Yardage Pro® Compact 800**  
Western hunters in need of higher magnification take note: The 8x power in a compact design makes this a great choice for measuring deer and elk at 475 yards / 435 m.  
200880  
Range: 20–930 yards / 18-850 m  
Power / Obj: 8 x 28mm



**Trophy®**  
202018  
Range: 5–999 yards/5-915 m  
Power / Obj: 5x 20mm

**Trophy®**  
202020 camo  
Range: 5–999 yards/5-915 m  
Power / Obj: 5x 20mm



# Trophy®, Compact 800® & Sport® Yardage Pro® Laser Rangefinders

MODEL	RANGE (yds./m)	MAGNIFICATION	SIZE (in./mm)	WEIGHT (oz./g)	BATTERY TYPE	CASE	TARGETING MODES				RANGING PERFORMANCE				
							SCAN	RAIN	ZIP	REFLECTOR	RFLCTV. (yds./m)	TREE (yds./m)	DEER (yds./m)	FLAG (yds./m)	ACCURACY (yds./m)
201319	15–930/14-850	6x	1 1/2 x 3 3/16 x 3 1/8 / 45 x 100 x 80	7.2 / 204	3-Volt CR2 (incl.)	Carrying Case & Strap	Yes	Built-In	Yes	Built-In	930/850	800/730	450/410	275/250	+/- 1
200003W	15–930/14-850	6x	1 1/2 x 3 3/16 x 3 1/8 / 45 x 100 x 80	7.2 / 204	3-Volt CR2 (incl.)	Carrying Case & Strap	Yes	Built-In	Yes	Built-In	930/850	800/730	450/410	275/250	+/- 1
201315	10–700/10-640	6x	1 1/2 x 4 x 2 1/4 / 38 x 102 x 70	6.8 / 193	3-Volt CR2 (incl.)	Carrying Case & Strap	Yes	Built-In	Yes	Built-In	700/640	570/520	300/275	250/230	+/- 1
200001	10–700/10-640	6x	1 1/2 x 4 x 2 1/4 / 38 x 102 x 70	6.8 / 193	3-Volt CR2 (incl.)	Carrying Case & Strap	Yes	Built-In	Yes	Built-In	700/640	570/520	300/275	250/230	+/- 1

MODEL	RANGE (yds./m)	MAGNIFICATION	SIZE (in./mm)	WEIGHT (oz./g)	BATTERY TYPE	CASE	TARGETING MODES				RANGING PERFORMANCE				
							SCAN	RAIN	ZIP	REFLECTOR	RFLCTV. (yds./m)	TREE (yds./m)	DEER (yds./m)	FLAG (yds./m)	ACCURACY (yds./m)
200880	20–930/18-850	8x	2 x 4 7/8 x 3 1/4 / 51 x 121 x 95	11.5 / 326	AAA (4)	Carrying Case & Strap	Yes	Yes	Yes	Yes	930/850	800/730	475/435	250/230	+/- 2
202020	5–999/5-915	5x	1 13/16 x 4 x 3 7/16 / 46 x 102 x 84	7.6 / 215	9-Volt	Carrying Case & Strap	Yes	Built-In	No	Built-In	999/915	500/460	300/275	200/185	+/- 1
202018	5–999/5-915	5x	1 15/16 x 4 x 3 7/16 / 46 x 102 x 84	7.6 / 215	9-Volt	Carrying Case & Strap	Yes	Built-In	No	Built-In	999/915	500/460	300/275	200/185	+/- 1
201920	5–999/5-915	4x	1 11/16 x 3 9/16 x 3 1/8 / 43 x 100 x 79	7.4 / 210	9-Volt	Carrying Case & Strap	No	Built-In	No	Built-In	999/915	450/410	200/185	200/185	+/- 1
201916	5–999/5-915	4x	1 11/16 x 3 9/16 x 3 1/8 / 43 x 100 x 79	7.4 / 210	9-Volt	Carrying Case & Strap	No	Built-In	No	Built-In	999/915	450/410	200/185	200/185	+/- 1

**One hot little number.** Dial-up exact yardage from 10 to 700 yards/10 to 640 meters with the lightest, most compact laser rangefinder of its kind. Our Scout™ is a sized-down beauty you'll hardly notice. Until it's time to make your move.



**Scout™**  
200001  
Range: 10–700 yards/10-640 m  
Power / Obj: 6x 23mm

**Scout™**  
201315 camo  
Range: 10–700 yards/10-640 m  
Power / Obj: 6x 23mm



**Let it hinge on a guess, or nail it with this.** The shot of a lifetime is a time for certainty. With the Yardage Pro Sport 450, you're confident to the last yard. It's affordable, simple to use and features a slim, weather-resistant design that's handy in a pinch.



**Sport® 450**  
201916  
Range: 5–999 yards/5-915 m  
Power / Obj: 4x 20mm

**Sport® 450**  
201920 camo  
Range: 5–999 yards/5-915 m  
Power / Obj: 4x 20mm





**The measure of success – distance adjusted for elevation.** Introducing the world's only golf laser rangefinder to compensate for changes in elevation. Using a digital inclinometer, the PinSeeker 1500 Slope Edition determines distance based on the degree of elevation change. It doesn't just tell you how far – it tells you exactly how far to play it. So you'll never again question the range at the top of your swing. And nothing cuts strokes like confidence.

**Features:** +/- 1-yard accuracy • PinSeeker mode – zeroes in on flag • Standard Scan mode • Built-in reflector • Reads distances in both yards and meters • Ranges (5 yards/minimum): Reflective surfaces: 1,600 yards/1465m, Trees: 1,000 yards/915m • Fully multi-coated optics • Twist-up metal eyepiece with oversized ocular and ±2 diopter setting • Completely waterproof • Rainguard® coating • Dimensions: 1.7" x 5.1" x 3.7"/43x129x94mm • Weight: 12.1 oz./343g • 9-Volt battery • Premium carrying case

The distance ranged is 150 yards/137m, but with the 6 degree incline in elevation, the shot will effectively play like 166 yards/152m. The PinSeeker 1500 Slope Edition shows you the compensated distance through the rangefinder, eliminating all guesswork.

"I've been a longtime advocate of Bushnell laser rangefinders. The new PinSeeker 1500 Slope Edition not only acquires the flag without picking up background clutter, it also provides you with compensated distances based on your uphill or downhill lie. There's no other rangefinder in the world to do this, which is another reason Bushnell continues to be the unquestioned leader in yardage devices on tour."

– Sergio Garcia



**PinSeeker® 1500 Tournament Edition**

A premium digital golf laser rangefinder with advanced selective targeting modes and superb optical quality. 205102  
Range: 5–1600 yards/5-1465 meters  
Power/Obj: 7x 26mm



**PinSeeker® 1500 Slope Edition**

A premium digital laser rangefinder designed specifically for golf, featuring a built-in slope compensator, superb optical quality and selective targeting modes. 205103  
Range: 5–1600 yards/5-1465 meters  
Power/Obj: 7x 26mm



More modes, fewer stokes. Our PinSeeker® 1500 offers golfers up to three ways to avoid the rough and find the cup.



**PinSeeker®** Designed exclusively with the bottom of the cup in mind, this mode allows easy acquisition of the flag without inadvertently capturing background target distances. When more than one object is acquired, the closer of the two objects is shown on the LCD display.



**Slope±™** (Model 205103) Measures slope, +/- one degree of angle, and compensated range, based upon ball trajectory and type of club used. All shown on LCD display.



**SCAN:** SCAN across the course while viewing a continuously updated LCD display of the distance between you and your target.



The new Medalist is legal for tournament play and employs PinSeeker technology for better shot making and course management on any course, to virtually any object anywhere, any time of day. Bushnell Medalist. Because every swing counts.

**Features:** • Great rangefinder for the everyday golfer • PinSeeker and SCAN Modes • Ranges 5-1000 yards / 5-915 meters • 300 yards / 275 meters to a flag • +/- 1 yard / meter accuracy • Power / Obj: 4x20

**NEW Medalist™**  
Features PinSeeker technology.  
201354  
Range: 5-1000 yards/5-915m  
Power/Obj: 4x 20mm



**Golf Rangefinders**



MODEL	RANGE (yds./m)	MAGNIFICATION	SIZE (in. / mm)	WEIGHT (oz. / g)	BATTERY TYPE	CASE	TARGETING MODES					RANGING PERFORMANCE				
							SCAN	RAIN	REFLECTOR	PINSEEKER	SLOPE±	RFLCTV. (yds./m)	TREE (yds./m)	DEER (yds./m)	FLAG (yds./m)	ACCURACY (yds./m)
200002	10-700/10-640	6x	1.5 x 4 x 2.75 / 38 x 102 x 70	6.8 / 193	3-Volt Incl.	Carrying Case & Strap	Yes	Built-In	Built-In	No	No	700/640	570/520	300/275	250/230	+/- 1
** 201354	5-1000/5-915	4x	1.8 x 4.4 x 3.7 / 46 x 113 x 95	8.9 / 252	9-Volt	Carrying Case & Strap	Yes	Built-In	Built-In	Yes	No	1000/915	500/460	355/325	300/275	+/- 1
205102	5-1600/5-1465	7x	1.7 x 5.1 x 3.7 / 43 x 129 x 94	12.1 / 343	9-Volt	Carrying Case & Strap	Yes	Built-In	Built-In	Yes	No	1600/1465	1000/915	550/505	400/365	+/- 1
205103	5-1600/5-1465	7x	1.7 x 5.1 x 3.7 / 43 x 129 x 94	12.1 / 343	9-Volt	Carrying Case & Strap	Yes	Built-In	Built-In	Yes	Yes	1600/1465	1000/915	550/505	400/365	+/- 1

\*All Bushnell laser rangefinder models, except the Bushnell PinSeeker 1500 Slope Edition, are legal to use when local USGA rule 14-3/D.5 is in effect. PinSeeker® is a trademark registered in the U.S. Patent and Trademark Office by Worldwide Golf Enterprises, Inc.  
\*\*New for 2007



**Yardage Pro® Tour®**  
The world's smallest laser rangefinder. Comes with a carrying case and strap.  
200002  
Range: 10-700 yards/10-640m  
Power/Obj: 6x 23mm



# Golf Rangefinders

**So compact, they can stay your secret weapons.** These little wonders make judging range to the pin a cinch. Our new X500 golf laser rangefinder weighs only 7.4 oz /210 g. and packs big-time precision from 5 to 999 yards/5 to 915 m. The 5x 20mm Golf Scope features an etched reticle with reference lines accurate from 50 to 200 yards/45 to 185 m. Just take a peek, pick your club and let it rip. The small reason for your huge boost in confidence can remain confidential.



**NEW X500**  
Compact and lightweight. Comes with a carrying case and strap.  
201925  
Range: 5-999 yards/5-915 m  
Power/Obj: 4x 20mm



**Rangefinder:** A laser rangefinder is a distance-measuring instrument that uses laser technology to calculate the distance to targeted objects. Accuracy is +/- 1 yard/m, and the distance is displayed instantaneously on a built-in, through-the-lens liquid crystal display.

**Through-the-Lens LCD Display**  
Bushnell® Yardage Pro® rangefinders are fast and easy to use because everything you need to know is displayed on our built-in, through-the-lens LCD (liquid crystal display).

**How Bushnell Rangefinders Work**  
Bushnell's Yardage Pro rangefinders use an invisible, eye-safe Class 1 laser beam (as classified by the FDA), which is "bounced" off distant objects with the press of a button. Then, the rangefinder's high-speed digital clock measures the time it takes for the laser beam to reach the

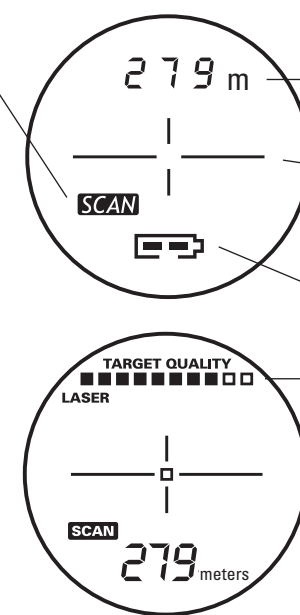
target and return to the unit. Next, using advanced digital electronics, the rangefinder instantly calculates the distance within +/- 1 yard/m and shows the range in either yards or meters on a through-the-lens LCD display. The entire process is so fast that less than a second elapses between the time you press the button to generate a laser beam to the time the exact range to your target is displayed.

**Reflectivity of Target Types**  
Because rangefinders "bounce" a laser beam off the target in order to take a measurement, their range is partially

determined by the reflectivity of the target. In other words, hard or "reflective" targets – such as a rock cliff or semi-truck – can be measured at greater distances than soft surface targets – such as a deer. Ranges for moderately reflective targets, trees, fall somewhere in the middle. Most experienced hunters will use their rangefinder to frequently estimate ranges to near and distant landmarks before they actually encounter a game animal. By pre-measuring ranges to spots where a game animal is likely to appear, they can concentrate on making an accurate shot when the moment of truth arrives.

### Targeting Modes

- Scan**  
The Scan mode allows you to pan across the landscape while viewing a continuously updated LCD of the distances between you and the targets you scan with the viewfinder.
- Rain**  
This feature compensates for precipitation to guarantee an accurate distance measurement through rain or snow.
- Zip**  
Zip allows you to accurately measure longer ranges (beyond 150 yards/135m) when looking through foreground clutter such as brush or branches.
- Reflector**  
This feature increases the maximum measurement range for most highly reflective objects.



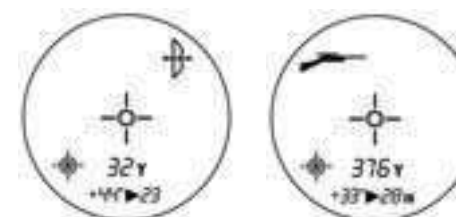
### Laser Rangefinder Features

- Meters/Yards**  
You can quickly choose between these standard measuring units with a simple press of a button.
- Reticle**  
The distance to objects targeted in these crosshairs will be displayed on the Distance Readout with the press of a button.
- Battery Indicator**  
Flashes when battery power is low.
- Target Quality Gauge**  
Gauge indicating amount of energy pulses being received back from the target.

The Elite® 1500 and PinSeeker® 1500 rangefinders feature selective targeting modes:

- SCAN:** SCAN across the course while viewing a continuously updated LCD display of the distance between you and your target.
- Slopes™:** (Model 205103) Measures slope, +/- one degree of angle, and compensated range, based upon ball trajectory and type of club used. All shown on LCD display.
- BullsEye™:** Geared for close-range use, this mode acquires the distances of small targets and game without inadvertently measuring background target distances. When more than one object is acquired, the closer of the two objects is shown on the LCD display.
- Brush™:** Ignores the foreground, such as brush, boulders and tree branches, and provides distances on the LCD display to background objects only.
- PinSeeker®:** Designed exclusively with the bottom of the cup in mind, this mode allows easy acquisition of the flag without inadvertently capturing background target distances. When more than one object is acquired, the closer of the two objects is shown on the LCD display.
- Bow:** Provides true horizontal distance from 5 to 99 yards/5 to 90 m.
- Rifle:** Provides bullet drop/holdover data in inches from 100 to 800 yards/ 100 to 730 m.

The Elite® 1500 ARC (Angle Range Compensation) rangefinder also features these targeting modes:



MODEL	RANGE (yds./m)	MAGNIFICATION	SIZE (in. / mm)	WEIGHT (oz. / g)	BATTERY TYPE	CASE	TARGETING MODES					RANGING PERFORMANCE				
							SCAN	RAIN	REFLECTOR	PINSEEKER	SLOPE±	RFLCTV. (yds./m)	TREE (yds./m)	DEER (yds./m)	FLAG (yds./m)	ACCURACY (yds./m)
* 201925	5-999/5-915	4x	1 1/8 x 3 5/8 x 3 1/8 / 43 x 100 x 79	7.4 / 210	9-Volt	Carrying Case & Strap	No	Built-In	Built-In	No	No	999/915	450/410	200/185	200/185	+/- 1

\*New for 2007



**Golf Scope**  
100520CD Clam  
Range: 50-200 yards  
45-185 m  
Power/Obj: 5x 20mm



# Terms



*Throw the switch  
on pitch black.*



Generation 1	78
Generation 2	82
Accessories	83
Terms	84
LED Flashlights	85



When the sun goes down, pull up Bushnell® Night Vision and there are no secrets. These optics keep your visual connection open all night with ultra-efficient light-gathering technology and built-in infrared illuminators. Plus, a new digital model that pierces even absolute darkness with an infrared spotlight. Monoculars. Binoculars. Goggles. Pick your configuration and the applications are endless. Whether camping, caving, observing wildlife, boating or fishing, you don't need to let something as minor as the earth's rotation come between you and a magnified experience. Or between you and serious matters like home security or finding someone who's lost in the backcountry. The night's mysteries are officially solved.



**Bushnell**

*Magnify Life*



**Spring forward. Fall back.**

**Or maybe go fetal.** No telling how you'll react when faced with what lurks after dark, but with Bushnell® Night Vision, time will never again dictate your hours of operation. These optics turn night into day with built-in infrared illuminators and advanced light-gathering technology. We even added a new StealthView™ digital model that uses an infrared spotlight for long-range brightness and clarity. The entire lineup is perfect for camping, caving, wildlife observation, surveillance – any time or place you think you're ready.

- Night Vision Uses:** Scouting game
- Security and surveillance
  - Camping fun
  - Exploring caves
  - Nighttime navigation
  - Night fishing and boating
  - Wildlife observation
  - Search and rescue

**2x 24mm Guardian™**  
Fits in the palm of your hand and is easy to focus with its built-in focusing knob. Includes built-in infrared illuminator and fanny pack.

264202  
Style: Gen 1 Monocular



**2x 24mm Prowler™**  
Ultra-compact design with rubber-armored grip. Includes built-in tripod mount, built-in infrared illuminator and fanny pack.

262024W  
Style: Gen 1 Monocular



**4x 50mm Prowler™**  
Powerful 4x magnification for getting closer to the night. Rubber-armored grip, built-in tripod mount and infrared illuminator. Comes with a fanny pack.

264050  
Style: Gen 1 Monocular

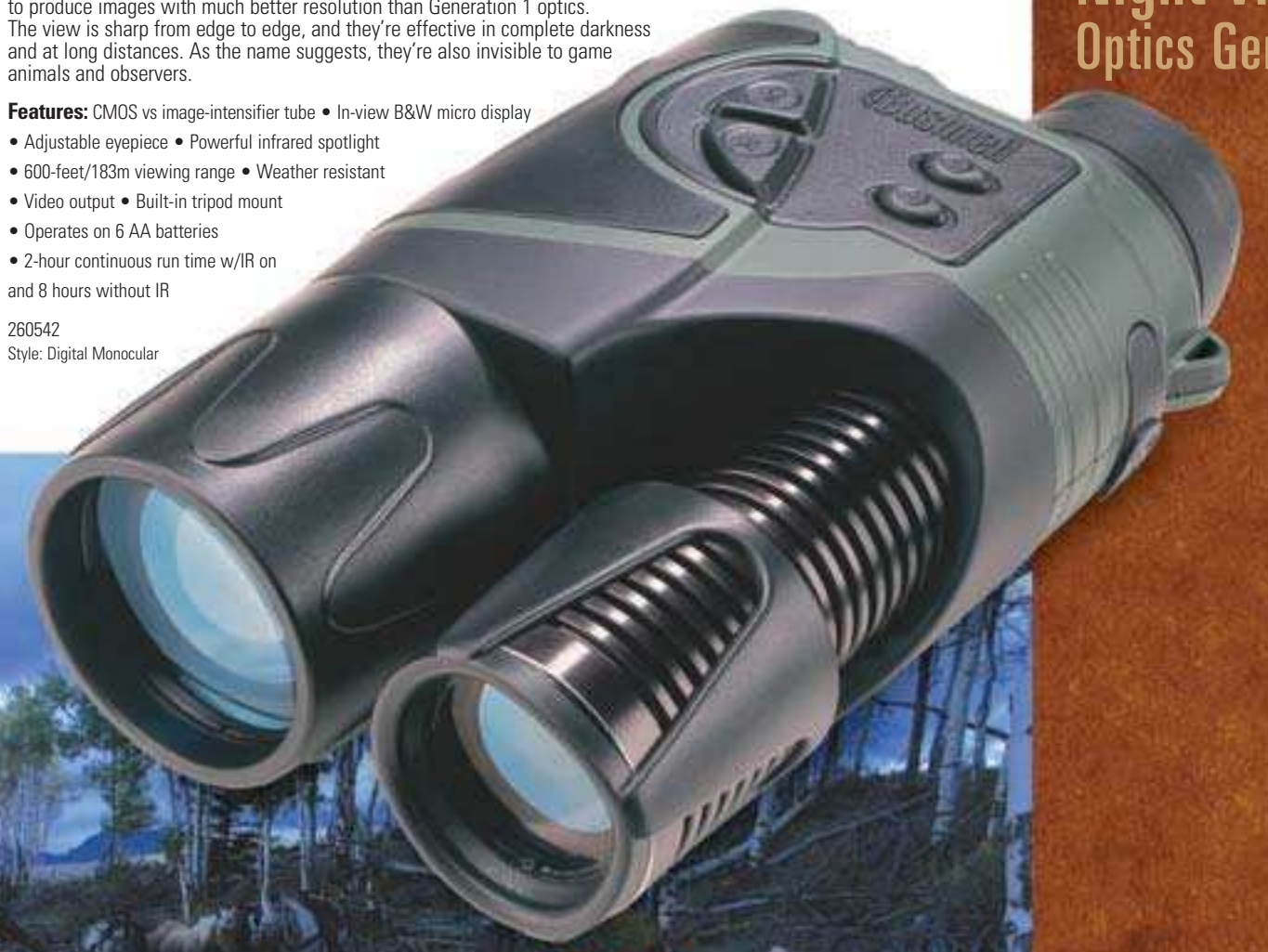
**NEW 5x 42 StealthView™ – Digital Night Vision**

New StealthView™ Digital Night Vision products use a powerful infrared spotlight to produce images with much better resolution than Generation 1 optics. The view is sharp from edge to edge, and they're effective in complete darkness and at long distances. As the name suggests, they're also invisible to game animals and observers.

**Features:** CMOS vs image-intensifier tube • In-view B&W micro display

- Adjustable eyepiece
- Powerful infrared spotlight
- 600-feet/183m viewing range
- Weather resistant
- Video output
- Built-in tripod mount
- Operates on 6 AA batteries
- 2-hour continuous run time w/IR on and 8 hours without IR

260542  
Style: Digital Monocular



**2x 24 NightWatch™**  
2x magnification. Rubber-armored grip, built-in tripod mount and infrared illuminator. Includes case and lanyard.

260224  
Style: Gen 1 Monocular

**Night Vision Optics Gen I**



**Bushnell**

*Magnify Life*

MODEL	MAGNIFICATION X OBJ. LENS	VIEWING RANGE (ft. / m)	FIELD OF VIEW (ft.@100yds. / m@100m)	INFRARED ILLUMINATOR	BATTERY TYPE	SIZE (in. / mm)	WEIGHT (oz. / g)	TRIPOD MOUNT
262024W	2x 24	5-400 / 1.5-122	105 / 35	Yes (Built-In)	CR123A (1)	5.6 x 2.4 x 3.2 / 142 x 61 x 81	10.6 / 301	Yes
264050	4x 50	5-700 / 1.5-213	70 / 23	Yes (Built-In)	CR123A (1)	6.4 x 2.4 x 3.2 / 163 x 61 x 81	15.8 / 448	Yes
264202	2x 24	5-400 / 1.5-122	105 / 35	Yes (Built-In)	AAA (2)	5.7 x 4 x 2 / 145 x 102 x 51	10.4 / 295	No
260224	2x 24	5-400 / 1.5-122	105 / 35	Yes (Built-In)	AA (2)	5.9 x 3.5 x 2.3 / 150 x 90 x 59	10.7 / 303	Yes
* 260542	5 x 42	1-600 / .3-183	30 / 10	Yes (Dual)	AA (6)	6.5 x 4 x 2.3 / 166 x 102 x 57	20.2 / 573	Yes

\*New for 2007



# Night Vision Optics Gen I



## 2.5x 42mm Ranger

Exceptionally comfortable to use during long periods of observation and viewing. Lightweight, extra-long viewing range and a wide field of view makes these binoculars ideal for law enforcement, night navigation and wildlife surveillance.

260400  
Style: Gen 1 Binocular



## 3.1x 50mm Explore 2000s

Night vision binocular features higher magnification and extra-large objective lenses. With a tripod mount and IPD adjustment, they're ideal for prolonged viewing at longer ranges. Includes bright-light protection circuit.

263150  
Style: Gen 1 Binocular



## 2.5x 42mm Savana

Offers outstanding viewing clarity and the versatility of dual IR beam intensity (high and low beam).

260200  
Style: Gen 1 Monocular



## 2.5 x 42mm Seagull Waterproof

This waterproof compact, lightweight monocular offers outstanding viewing clarity in the darkest conditions. It even floats!

260100W  
Style: Gen 1 Monocular



## 2.5x 42mm Sonic

Lightweight monocular with a high-sensitivity audio boom microphone and headphone will detect sounds up to 90 yards/80 meters away.

260300  
Style: Gen 1 Monocular

## 2.5x 42mm Seagull

Compact, lightweight monocular offers outstanding clarity in the darkest conditions.

260100  
Style: Gen 1 Monocular



**Bushnell**  
*Magnify Life*



## 1x 20mm Tactical Monocular

Built-in infrared with adjustable-angle eye cup. Can be detached and used as a monocular. Includes bright-light protection circuit.

262013  
Style: Gen 1 Monocular with Headgear



## 1x 20mm Pathfinder 2000S

Versatile goggle with headgear that can also be detached for use as a binocular. Includes bright-light protection circuit.

261020  
Style: Gen 1 Goggle with Headgear

MODEL	MAGNIFICATION X OBJ. LENS	VIEWING RANGE (ft. / m)	FIELD OF VIEW (ft.@100yds. / m@100m)	INFRARED ILLUMINATOR	BATTERY TYPE	SIZE (in. / mm)	WEIGHT (oz. / g)	TRIPOD MOUNT
260100	2.5x 42	4-600 / 1.2-183	79 / 26	Yes (Built-In)	AA (2)	6.7 x 3.7 x 2.7 / 170 x 95 x 70	14 / 397	Yes
260100W	2.5x 42	4-600 / 1.2-183	79 / 26	Yes (Built-In)	AA (2)	6.7 x 3.7 x 2.7 / 170 x 95 x 70	14 / 397	Yes
260200	2.5x 42	4-600 / 1.2-183	79 / 26	Yes (Built-In)	AA (2)	6.7 x 3.7 x 2.7 / 170 x 95 x 70	14 / 397	Yes
260300	2.5x 42	4-600 / 1.2-183	79 / 26	Yes (Built-In)	AA (2)	6.7 x 3.7 x 2.7 / 170 x 95 x 70	17 / 482	Yes
263150	3.1x 50	1.5-400 / .5-122	79 / 26	Yes (Built-In)	CR123A (1)	7.9 x 6.45 x 2.7 / 201 x 164 x 69	40 / 1134	Yes
260400	2.5x 42	4-600 / 1.2-183	94 / 31	Yes (Built-In)	AA (2)	6.5 x 6.3 x 3.0 / 165 x 160 x 76	28 / 794	Yes
261020	1x 20	.5-100 / .2-30	210 / 70	Yes (Built-In)	N (2)	5.25 x 2.25 x 4.25 / 133 x 57 x 108	18 / 510	No
262013	1x 20	.5-240 / .2-73	96 / 32	Yes (Built-In)	N (2)	5.4 x 2.8 x 2 / 137 x 71 x 50	11 / 332	No

**Highest performance and precise observation.** Whenever highest performance and the most precise observation are needed, Bushnell is offering its night vision systems of the 2nd generation. All Bushnell night vision devices of the 2nd generation feature the most modern image intensifier tubes, manufactured under the most advanced standards of night vision technology. The high contrast, image resolution and light amplification produce a crystal clear and fine detail image. In order to achieve the best observation results, we are using special optical components which are fine-tuned for a high light output. All devices are robust and practical, to withstand even the most difficult environments. Bushnell Night Vision Technology of the 2nd Generation is successfully used in all situations, where other technologies fail due to especially adverse light conditions.

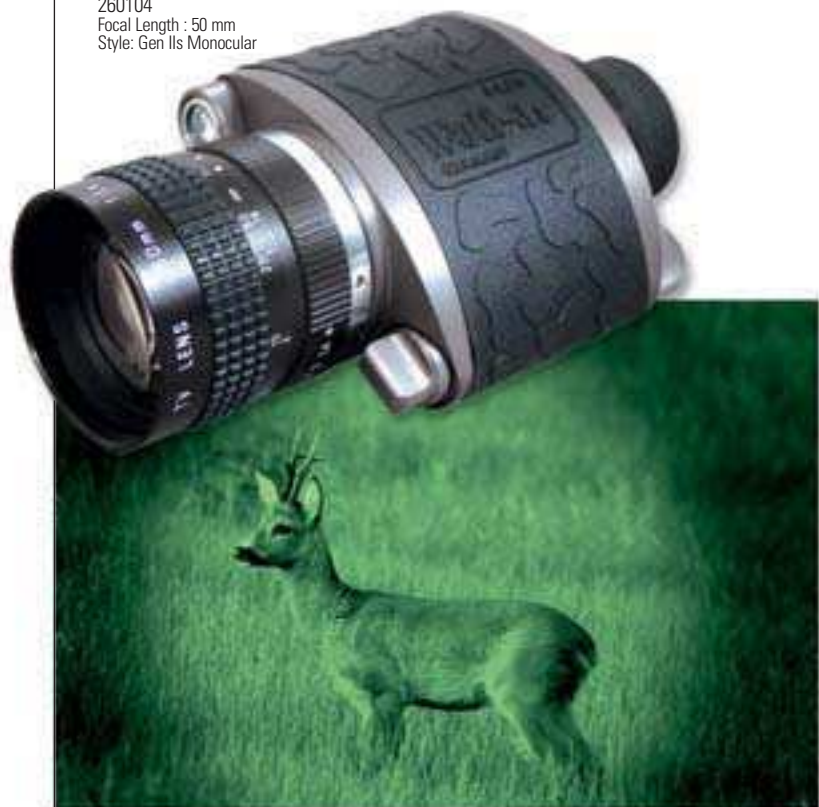
### Examples of use of Bushnell Night Vision Technology of the 2nd Generation:

- Animal observation in especially dark forested areas
- Animal behaviour research in the night
- Rescue and security
- Naval navigation and security
- Government use
- Outdoors fun sports and camping

### WOLF-3s 2.0 x 38.5 mm

Very small and compact night vision device (2nd-s Generation). An ultra power image intensifier delivers highly detailed high-contrast images under the most difficult observation circumstances. The built-in IR-illuminator features a high light output and can be adjusted to two power levels for observation at 65 yds/60m or 130 yds/120m. The Wolf-3s can be used for night video or photography, and is the perfect companion for the hunt.

260104  
Focal Length : 50 mm  
Style: Gen IIs Monocular



### RAPTOR 1.4 x 18.5 mm

Manufactured to the highest and most advanced standards of night vision technology, this bi-ocular night vision device features a high-power image intensifier and a very lightweight but durable housing for the roughest use. The professional head mount allows hands-free use of the device. A powerful IR-illuminator is built-in, for use in pitch-dark surroundings. Perfectly suited for use under the most difficult weather. Optional accessory: a 3,6x magnification lens for long-distance observation.

262020  
Focal Length : 26 mm Style: Gen IIs Bi-Ocular with headgear

### Doubler for Wolf-3s

Doubles focal length at high resolution. Fits Wolf-3s with 50mm objective and yields 4x magnification. Diameter 1,9"/47mm, length 1,5"/37mm. 268002



### 25mm objective for Wolf-3s

High-quality 25mm objective with diaphragm for exact adjustment of light admission. Magnification 1x, F-1,3, diameter 1,7"/42mm, length 1,5"/37mm. 268025



### Tripler for Wolf-3s

Triples focal length at high resolution. Fits Wolf-3s with 50mm objective and yields 6x magnification. Diameter 2,4"/60mm, length 3,1"/79mm. 268003



### 50mm objective for Wolf-3s

High-quality 50mm objective with diaphragm for exact adjustment of light admission. Magnification 2x, F-1,3, diameter 1,9"/48mm, length 2"/52mm. 268050



### IR-400 infrared illuminator

Strong IR-illuminator. Great for both I. and II. Generation equipment. 3 power increments. Long power on-time. Removable mounting rail. Radiation output 75 mW. Uses 2x 1,5V Mignon batteries (not included). Length 4,5"/11,5 cm. 268400



### 75mm objective for Wolf-3s

High-quality 75mm objective with diaphragm for exact adjustment of light admission. Magnification 3x, F-1,3, diameter 2,4"/60mm, length 3,1"/80mm. 268075



### IR-500 high-end illuminator

A very strong IR-illuminator for II.-Generation equipment. Precisely illuminated spot due to high-performance aspherical optics. Hardly-perceptible 870nm wave length. Important for viewing animals in the wild. Radiation intensity of up to 150nw/sr. Adjustable in 2 increments. Uses 1x 3V Type 123 Lithium battery (not included). Length 4,3"/11cm, lenses diameter 1"/25mm. 268500



### Photo adapter 52mm

Connects the Wolf-3s night vision device with the objective of a photo camera. The objective thread can be adapted to various camera objectives via filter adapter ring (not included). Screw connection M-52. Length: 1,1"/28mm. 268952



### Video adapter 35mm

Connects the Wolf-3s night vision device with a video camera to allow night video shooting. The objective connection can be adapted to various camera objectives via filter adapter rings (not included). Diameter 1,7"/42mm, length 0,8"/21mm. 268935



**Bushnell**  
*Magnify Life*

MODEL	MAGNIFICATION X OBJ. LENS	VIEWING RANGE (ft./m)	FIELD OF VIEW (ft.@100yds./m@100m)	INFRARED ILLUMINATOR	BATTERY TYPE	SIZE (in./mm)	WEIGHT (oz./g)	TRIPOD MOUNT
260104	2.0 x 38.5	1640 / 500	120 / 40	Yes (Built-In, 2 levels)	1.5V AAA (2)	6x3.5x2 / 150x90x50	19.5 / 550	No
262020	1.4 x 18.5	1640 / 500	240 / 80	Yes (Built-In, 2 levels)	1.5V AA (2)	6x4.5x2 / 158x115x56	18 / 520	No

**Digital Night Vision:** Bushnell® Digital Night Vision is comprised of high-quality optics and electronics to provide high-resolution images. Using CMOS technology, day and nighttime images are magnified and displayed on an internal micro-display viewing screen.

**How Does Digital Night Vision Work?**

Bushnell Digital Night Vision products collect existing light through the objective lens, which is then processed through a highly sensitive CCD (Charge-Coupled Device) and then transferred to a micro-display.

**CMOS:** Chips create images of objects by converting light into electrons.

**Micro-Display:** A type of LCD flat-panel display screen in which each pixel is controlled by from one to four transistors. The micro-display technology provides the best resolution of all the flat-panel techniques.

**StealthView™:** Digital Night Vision utilizes CMOS technology, providing superb image resolution. Images are displayed on a black-and-white display. Contains a video output port which allows transmission of digital video images to video camcorders, computer laptops/monitors and/or television screens.

**Infrared Diodes:** The StealthView contains two infrared diodes for illumination of objects in complete darkness where no ambient light source, such as moonlight, is available. One is on at all times, whereas the IR spotlight can be turned on and off. The spotlight enables viewing of objects at 200-foot ranges/60-meters.

**Image-Intensified Night Vision**

An optical device comprised of high-quality image-intensifier tubes and optics that amplify existing light to allow you to see in conditions too dark for the naked eye.

**How Does It Work?**

1. Available light (energy) is collected by the objective lens and focused on the image intensifier.
2. Inside the intensifier a photocathode is "excited" by the light and converts the energy into electrons.
3. The electrons accelerate across an electrostatic field inside the intensifier and strike a phosphor screen (like a monochrome TV screen), which emits an image that you can see. This acceleration of electrons provides gain and enhances the image.

**Types of Bushnell® Night Vision**

**Generation II :** Most advanced standard of Night Vision technology. Uses image intensifier tube with micro channel plate for a crystal clear and fine detail image.

**Generation 1:** Does not require an active infrared light source. Instead it amplifies available ambient light.

**Night Vision Monocular:** A Night Vision device for use with one eye.

**Audio Monocular:** Features direct sound amplification technology. Headphones, boom microphone and recording port included.

**Night Vision Binocular:** Two complete sets of optics and image intensifiers that are connected and share a common power supply.

**Angle or Field of View**

The measure of the angle defining the field visible through the Night Vision system at a distance of 100 yards/meters.

**Bright-Light Protection Circuit**

An electronic circuit that turns the power to the Night Vision device down or off when it is exposed to bright light (such as automobile headlights). This protects the image intensifier and extends its life. The device will recover and resume normal operation in 1–2 minutes. (Available on models 261020, 262013, 263150 and all Gen II models.)

**Eyepiece Focus**

Used to match your Night Vision scope or binocular to your specific eyesight.

**Image Intensifier or Intensifier Tube**

The active component in a Night Vision system that amplifies light and presents a usable image.

**Infrared (IR) Illuminator**

Provides a light source for the system to amplify, yielding enhanced images in very low-light conditions such as caves, where no ambient light is available for amplification.

**Built-In Dual-Beam Infrared Illuminators**

Allows you to adjust the IR from low to high power according to your needs – high beam for pin-point illumination, and low beam for wide-angle illumination.

**Objective Lens**

Collects all available light and focuses it on the image intensifier. It also provides image magnification. The best objective lenses have low magnification (5x or less), are high-speed (f2 or faster) and are coated for maximum efficiency in the near-infrared bandwidth.

**Phosphor Screen**

Positioned at the back of the intensifier tube, the green phosphor screen renders a visible Night Vision image. The human eye is most sensitive to green contrasts.



**Photocathode**

Converts light (photon energy) into electrons (electrical energy), which are then amplified in the intensifier. The objective lens focuses available light on the photo-electric surface of the photocathode, which is excited and passes electrons within the tube.

**Resolution**

A measure of the ability to render and display a detailed image. Image-intensifier resolution remains constant and is expressed as the maximum number of line pairs per millimeter (lp/mm) that can be discerned when a black-and-white stripe pattern is focused on the photocathode.



**More than a flash of brilliance.**

They're actually long-range piercing beams of it. And virtually indestructible. Armed with 1- or 3-watt Luxeon® LEDs, our new premium performance LED flashlights deliver a fierce one-two punch of ultra-bright illumination and exceptional run time. These sophisticated lighting tools feature waterproof, aircraft-grade aluminum housings for the ultimate in rugged reliability. Our exclusive glowing Bushnell® "B" battery-life indicator is always on, so locating your light in the dark is a snap. Along with having an average life span of more than 100,000 hours, the Luxeon® diodes are dramatically brighter – up to 20 times – than standard LEDs. Rotating heads on 3-watt LED models give you multiple beam settings to choose from. S.O.S. and safety strobe are standard.

**3-Watt LED Features:** • Powerful 3-watt Luxeon® white LED resulting in 81-lumen output • 20x brighter than standard LED's • 100,000-hour LED life • 4-hour continuous run time • Rotating head with high, medium, low, S.O.S. and safety strobe settings • Rugged, waterproof, aircraft-grade aluminum housing with hard-anodized finish that won't scratch or mar • S.O.S. signal visible for more than 3 miles/5 km • Find-Me feature and battery-life indicator • Secure mode prevents accidental on and off • Four-hour run time • Includes two 3-volt lithium batteries and lanyard • Length: 6"/152 mm



**3-Watt LED**  
100300 Grenade Green  
100200 GunMetal Grey  
100100 Matte Black



**1-Watt LED**  
100090 GunMetal Grey



**1-Watt LED Features:** • Powerful 1-watt Luxeon® LED with piercing 30-lumen output • 10x brighter than standard LED's • 100,000-hour LED life • 2.5-hour continuous run time • Rotating head with high, S.O.S. and safety strobe settings • Rugged, waterproof, aircraft-grade aluminum housing with hard-anodized finish that won't scratch or mar • S.O.S. signal visible for more than 2 miles/3 km • Find-Me feature and battery-life indicator • Secure mode prevents accidental on and off • Includes one 3-volt lithium battery and lanyard • Length: 4.5"/114 mm

MODEL	COLOR	WATT	MAX OUTPUT (Lumens)	RUN TIME ON HIGH (minutes)	WEIGHT (oz. / g)	LENGTH (in. / mm)	S.O.S. VISIBILITY (miles / km)
100090	Gunmetal Grey	1	32	150	4.5 / 127	4.5 / 114	2 / 3
100100	Matte Black	3	81	240	7 / 199	6 / 152	3 / 5
100200	Gunmetal Grey	3	81	240	7 / 199	6 / 152	3 / 5
100300	Grenade Green	3	81	240	7 / 199	6 / 152	3 / 5

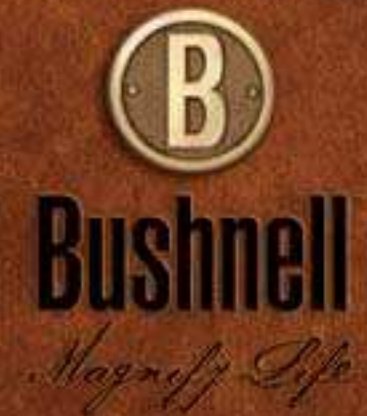
*Luxeon® is a registered trademark of Lumileds Lighting, Inc.*

**Find-Me Feature and Battery-Life Indicator**

The rear cap is equipped with our glowing "B," so you always know its status – battery life and location.



# LED Flashlights



*Lady Luck  
has no place in a deer stand.*

## Digital Trail Cameras



Trail Scout	88
Trail Sentry	90
Terms	91

For that breed of men refusing to leave the hunt to chance, Bushnell Trail cameras were born. We make the world's most advanced and diverse lineup of digital surveillance tools on the planet because, like you, we believe our time in the woods is too precious to gamble. This lineup continually improves as we super-tune the technology. Trigger times get faster, housings more durable and circuitry more efficient. From our Trail Scout Night Vision models featuring an invisible flash to our simplest Trail Sentry, they're your eyes in the woods when you can't be there in person. Trust Bushnell, and make your own luck this year.



**Bushnell**  
*Magnify Life*





**Throw the switch on that trophy's hangout.** It's never been easier to know exactly what's roaming your woods. The Trail Scout™ is 24/7 digital surveillance made amazingly simple. A series of positive toggle switches and a backlit LCD create the most user-friendly interface on the market. You know camera settings at a glance and can make changes with the flick of your finger. The built-in digital camera snaps high-resolution photos or 15-second movie clips. Our Pro model features a night vision LED flash that records after-dark images without revealing the camera location. No film. No noise. No complicated programming. Just sharp digital images 24/7 – tickets to your best season ever.



119800  
2.1MP Digital  
Camera



**NEW Trail Scout™ Pro**

- 5.0MP with Night Vision Features:** Extended night vision
- Audio record • Moon phase stamp • Color by day; Night vision at night
  - 5MP high-quality full-color images • Infrared sensor is motion activated
  - Cable lock, padlock and tree bracket • 4 D-cell batteries (user supplied)
  - Night vision IR LED array • Laser aiming device • Easy-to-use toggle switch system • SD card slot (SD card included) • Flash range of 30'/9 m
  - Motion LED lights when activity is sensed • Low battery indicator
  - In brown or new Realtree® AP camo model • Password protected



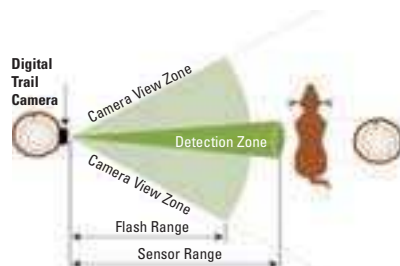
**NEW**  
119935  
5MP Digital Cameras with  
Infrared Night Vision

**NEW**  
119905 camo  
*ap* HD



**Trail Scout™  
119800  
2.1MP DIGITAL CAMERA**

- Features:** Large Incandescent Flash • Record Still Images or 15 Sec. Movie Clips • SD card slot (32 MB SD card included)
- 3 Image Delay Settings • Event Counter • Low Battery Indicator
  - 2.1MP high-quality full-color images • Easy-to-use toggle switch system • Infrared sensor is motion activated out to 90 ft/27 m.
  - Motion LED lights when activity is sensed
  - Flash range of 30 Feet /9 m • Day/Night/24 HR Modes
  - Cable lock, padlock and tree bracket • Password protected
  - 3-Button Interface • 4xD-Cell batteries (user supplied).



**Instant gratification.** Just pop your SD card into this viewer and see your trail-camera images or movie clips instantly in full color. Use it to delete images or transfer them to another card. Replace your camera's card and you never miss any of the action.

- Features:** 1.8"/4,6 cm TFT color view screen • View high-quality full-color images
- 2 AA batteries (user supplied)
  - Soft case with belt loop
  - Watch trail-cam movie clips
  - USB cable included
  - 2 SD card slots



119500  
Viewer

**Trail Scout™  
Game Cameras**



MODEL	IMAGE SENSOR	LENS	FLASH	MOTION INDICATOR	LED DISPLAY	EXPOSURE	WHITE BALANCE	POWER SUPPLY	BATTERY LIFE	USER PASSWORD	REMOTE CONTROL	LASER POINTER	LED FOR NIGHT VISION INFRARED IMAGING	PIR RANGE
119800	1/2" CMOS, 2.1 MP	f/3.5, 42mm	Incandescent, 30 ft/ 9 m	Yes	Backlit LCD	Auto	Auto	D-Cell (4)	Approx. 30 days	Yes	No	No	No	90 ft./ 27 m
* 119935	5.0MP	f/3.5, 42mm	Xenon, 30 ft/9 m	Yes	Backlit LCD	Auto	Auto	D-Cell (4)	Approx. 30 days	Yes	Yes	Yes	Yes	90 ft./ 27 m
* 119905	5.0MP	f/3.5, 42mm	Xenon, 30 ft/9 m	Yes	Backlit LCD	Auto	Auto	D-Cell (4)	Approx. 30 days	Yes	Yes	Yes	Yes	90 ft./ 27 m

\*New for 2007

# Trail Sentry™ Game Cameras

**Spend less and you won't miss a thing.** With one of the quickest trigger times on the market, extra-long battery life and an incredibly affordable price, our new digital Trail Sentry™ is a sharp little lookout you'll want an army of. It's easy to use and is offered in 2.1-megapixel version, captures sharp digital photos or short video clips day and night. We honed the technology and shaved the price to make the ultimate season attainable for virtually anyone.

### 119200 2.1MP Features:

- 2.1MP high-quality full-color camera
- Low- and high- resolution settings
- Infrared sensor is motion activated out to 45'/14 m
- 4 D-cell batteries (user supplied)
- Adjustable web belt strap with buckle
- SD card slot
- Easy-to-use system
- Still and movie modes
- Flash range of 15'/5m
- Motion LED lights when activity is sensed
- Low-battery indicator
- Password protected



119200  
2.1MP Digital Camera

**Game Camera:** A combination of digital imaging technology and passive infrared sensors, trail cameras give you the ability to monitor the woods 24/7. The built-in camera is triggered when an animal passes within the sensor's coverage area, and the photo or short movie clip is stored on an SD card. Nighttime images are captured with a standard xenon flash or night vision LED flash.

### Battery Life

Time the camera will function in the field. Dependent on temperature, number of images and number of flashes during that time.

### Camera Flash

Xenon flash used for night photography. Typically oversized to achieve greater flash range for hitting game out further.

### Event

Any time that the PIR senses motion it counts it as an event. Events are recorded to SD card in a text file. Events are recorded continuously during operation.

### Image

A digital picture recorded on the SD card when motion is sensed. Images are taken at the desired delay between images.

### Image Delay

Delay between images taken by the camera. This is user set based on wildlife activity in the area.

### IR Flash

LED night vision flash. Sends a burst of infrared energy that is invisible to the human eye. Especially useful for night photos when a visible flash is undesirable, such as in high-pressure hunting areas. (Found on model 119935 and 119905 only.)

### Movie Mode

The unit will take a 15-second movie clip instead of a picture each time the camera engages.

### Passive Infrared Sensor

Security sensor device that senses motion like a typical motion detector. Requires infrared energy and motion to trip sensor.

### SD Card

Memory card used to store images and events inside the game camera.

### Security

One of the most important requirements of any trail camera. Bushnell units have four levels – Padlock, Tree Bracket, Cable Lock and Software Password.

### Setup

Methods required for setting date/time and camera imaging settings.



MODEL	IMAGE SENSOR	LENS	FLASH	MOTION INDICATOR	LCD DISPLAY	EXPOSURE	WHITE BALANCE	POWER SUPPLY	BATTERY LIFE	USER PASSWORD	PIR RANGE
119200	2.1MP	f/3.5, 42mm	Xenon, 15 ft./5 m	Yes	Yes	Auto	Yes	D-Cell (4)	30 days	Yes	45 ft./14 m



# Terms

