CYCLING RANGE
PERFORMANCE • NAVIGATION • AWARENESS

GARMIN

TAKE YOUR CYCLING TO ANOTHER LEVEL

Garmin was the first to bring GPS to the cycling computer market. The first to let cyclists put their rides on maps and record detailed metrics with the accuracy only GPS can deliver. Our product line has continued to evolve and bring you the features you crave and the quality you deserve. Garmin Connect™, with real-time updates, keeps your friends and family in the loop with where you've been on your bike, and our Connect IQ™ store allows you to customize your device with free apps and more.

THE CONNECTED BIKE: FOR ALL RIDERS AND BIKE TYPES

GARMIN

PERFORMANCE

MEASURE YOUR STATS
- Edge® GPS bike computers
- Sensors for heart rate, speed and cadence
- Vector™ power meter

DIAL UP YOUR TRAINING
- ANT+® compatible trainers
- ANT+® compatible electronic shifting

COMPETE AND COMPARE
- Training plans and advanced workouts
- Strava Live Segments
- Preloaded TrainingPeaks app*

NAVIGATION

KNOW WHERE TO GO
- Garmin Cycle Map
- Trendline™ popularity routing*
- Turn-by-turn directions

EXPLORE WITH GARMIN CONNECT™
- Create and download popular routes
- Round-trip routing on mobile
- Import third-party routes

AWARENESS

SEE AND BE SEEN
- Varia™ rearview radar
- Varia™ smart bike lights
- VIRB® action cameras

SHARE YOUR LOCATION
- LiveTrack
- GroupTrack[3]
- Incident detection[3]

STAY FOCUSED
- Varia Vision™ in-sight display[1]
- Audio prompts
- Edge® remote
- Rider-to-rider messaging*

*Edge 1030 only

EDGE® 20 / 25

- **Compact** and **lightweight**; weighing only 25 grams, it's the smallest GPS cycling computer available
- **High-sensitivity GPS** and **GLONASS** for accurate ride data in the most challenging environments
- **Easy to use**; the simple interface makes it easy to start, save and share activities
- **Download a course** from Garmin Connect™ and follow with on-device turn prompts
- **Upload to Garmin Connect** after your ride to **analyze your route and share**
- Up to **8 hours of battery life**[2]

EDGE® 25 ADDITIONAL FEATURES

- **ANT+® sensors** pair with a **heart rate monitor, cadence sensor, speed sensor** and even **Varia™ radar** to get the most from your rides
- **Connected features**[3] via Bluetooth® allow you to instantly share data on social media
- Let friends and family follow your ride in real time with **live tracking**[3]
- **See text and call notifications**[3] directly on your Edge while riding

Actual Size

Actual Size

Reports   Gear   Course Creator
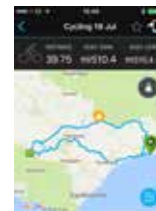
EDGE® 520

CONNECTED)))

THE EDGE WITH STRAVA LIVE SEGMENTS AND ADVANCED METRICS

- Select **Strava Segments** automatically display data on the device and how it compares to your personal record and the current KOM or QOM

- **Advanced metrics**[4] provide new advanced performance and power analysis data including time in zone, FTP and watts/kg tracking, cycling-specific VO2 and recovery and cycling dynamics[5]

- High-resolution, **2.3-inch color screen** for great visibility, in a compact device

- **Compatible with ANT+® sensors,** including power meters, heart rate monitors, speed/cadence sensors, Varia™ cycling awareness products, remotes and VIRB®

- **Compatible with ANT+ bike trainers**, so you can replicate your outdoor rides inside

- **Built-in incident detection**[3] can automatically send your location to your emergency contacts in the event of an accident

- **Connect IQ™** lets you personalize your Edge with the information that matters to you with free apps, widgets and data fields from our online Connect IQ™ store

- **Compatible with ANT+** electronic shifting systems

- **High-sensitivity GPS** and **GLONASS** for accurate ride data

- Use **Garmin Connect** to **plan, share and download new routes**

- Up to **15 hours of battery life**[2]

VO2	FTP	Recovery	Cycling Dynamics

8

9

EDGE® 820

CONNECTED ）））

STRAVA
LIVE SEGMENTS

THE COMPACT, TOUCHSCREEN GPS CYCLING COMPUTER WITH BIKE-SPECIFIC MAPS, GROUPTRACK AND EVEN MORE PERFORMANCE FEATURES

- **2.3-inch high-resolution**, lightweight, capacitive **touchscreen** display works with gloves and when wet and automatically adjusts to changing light conditions

- **GroupTrack**[3] feature keeps tabs on riders in your pack when devices are paired through the Garmin Connect™ Mobile app

- **Bike-specific navigation** preloaded with **Garmin Cycle Map** for turn-by-turn navigation

- **Advanced metrics**[4] provide advanced performance and power analysis data, including time in zone, FTP and watts/kg tracking, cycling-specific VO2 and recovery and cycling dynamics[5]

- **Physiological monitoring**[4]: understand when your fatigue is likely to start increasing with **lactate threshold**[5] measurement, keep track of your **stress score** and understand whether you're ready to take on a big challenge with **performance condition**

- **Built-in incident detection**[3] can manually or automatically send your location to your emergency contacts in the event of an accident

- **Wide accessory range** compatible with Varia™ cycling awareness products and power meters, Shimano[6], SRAM, Campagnolo electronic shifters, ANT+® bike trainers and more

- **High-sensitivity GPS and GLONASS** for accurate ride data in the most challenging environments plus built-in altimeter and ambient light sensor

- **Connected features**[3] include automatic uploads to Garmin Connect™ online fitness community, GroupTrack feature, smart notifications, audio prompts and social media sharing

- **Connect IQ™** lets you personalize your Edge with the information that matters to you with free apps, widgets and data fields from our online Connect IQ store

- **Battery-save ride mode**: standard battery life of 15 hours in GPS can be extended by up to 50 percent with the optional battery-save ride mode[2]

STRAVA LIVE SEGMENTS

Trendline™ Popularity Routing


Round-trip Routing

Rider-to-rider Messaging

Segments

EDGE® 1030

ULTIMATE SMART CYCLING DEVICE FOR COMPETING IN STYLE

- **Advanced GPS cycling computer** combines navigation, performance and cycling awareness

- Features a **3.5-inch** color touch display

- New: **Trendline™ popularity routing** uses billions of miles of ride data from Garmin Connect™ online fitness community to show the best on-road and off-road routes

- Preloaded **Garmin Cycle Map,** which includes turn-by-turn directions, for on- and off-road and alerts for sharp curves ahead

- New: Stay in contact with **rider-to-rider messaging**[3] or send pre-written replies to texts or missed calls[7]

- New: Preloaded Strava Routes app syncs starred routes wirelessly to the Edge 1030

- **Strava Live Segments** allow you to compete second by second with your previous best or another rider's PR and see real-time progress and results right on your screen

- New: Preloaded **TrainingPeaks app** brings workouts from your coach directly to your Edge device

- Powers your longest rides with **up to 20 hours of battery life**[2] and works with the new Garmin Charge power pack so Edge can last as long as you do

- **LiveTrack**[3] and **GroupTrack**[3] let friends, family and fellow riders keep track of your location in real time

- **Incident detection**[3] can manually or automatically send your location to your emergency contacts in the event of an incident

- Compatible with **Varia™ cycling awareness accessories**, including Varia rearview radar and Varia smart bike lights

- **Connect IQ™** lets you personalize your Edge with the information that matters to you with free apps, widgets and data fields from our online Connect IQ store
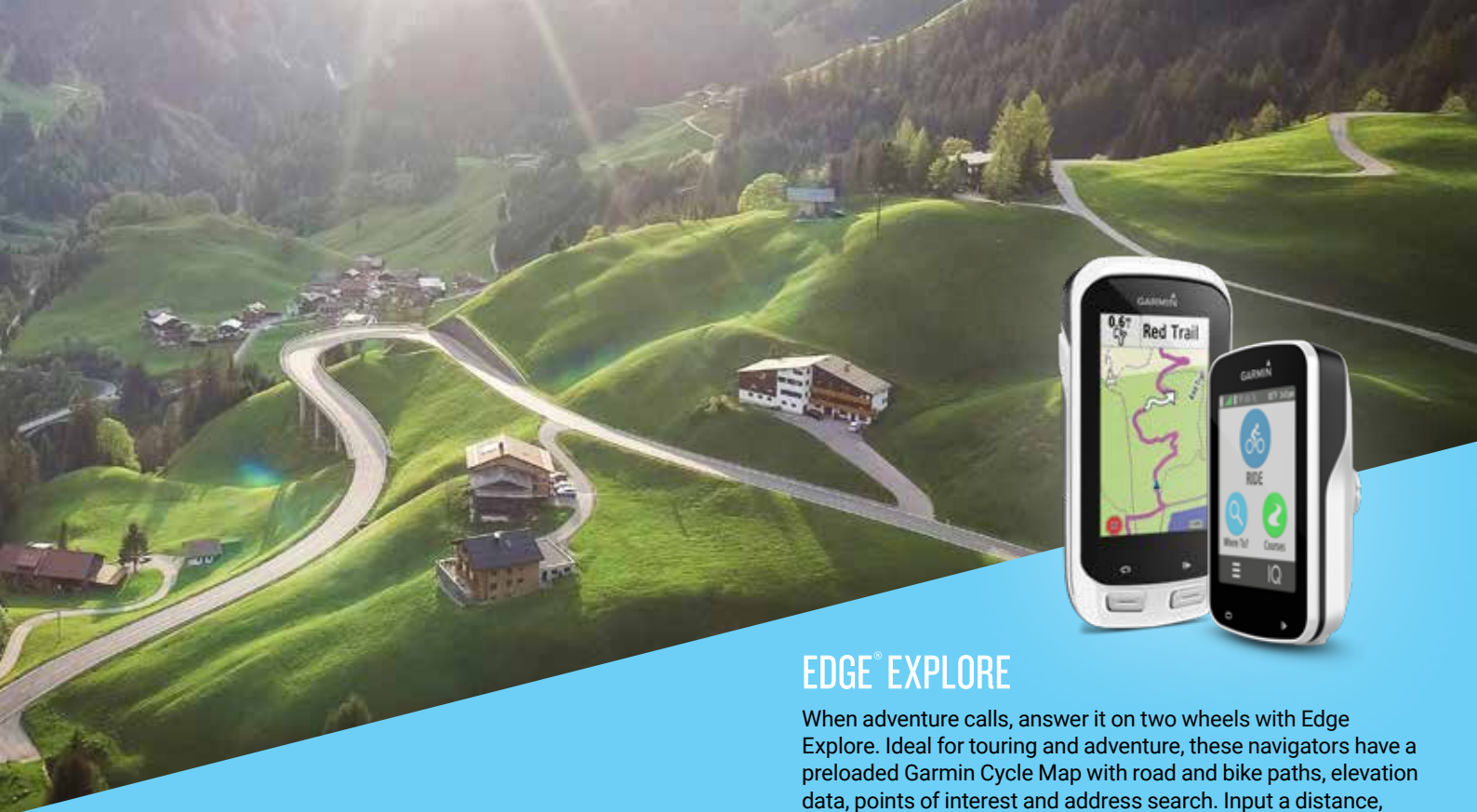
EDGE® EXPLORE

When adventure calls, answer it on two wheels with Edge Explore. Ideal for touring and adventure, these navigators have a preloaded Garmin Cycle Map with road and bike paths, elevation data, points of interest and address search. Input a distance, elevation guidelines and starting direction, and choose from up to three round-trip ride options.

EDGE® EXPLORE 820

THE COMPACT, TOUCHSCREEN GPS CYCLING COMPUTER WITH BIKE-SPECIFIC MAPS AND GROUPTRACK FOR ADVENTURERS AND TOURING RIDERS

- **2.3-inch, high-resolution** capacitive **touchscreen** display works with gloves and when wet

- **GroupTrack**[3] feature keeps tabs on riders in your pack when devices are paired through the Garmin Connect™ Mobile app

- Preloaded with **Garmin Cycle Maps** for clear **turn-by-turn directions** for **on-road** and **off-road** navigation

- **Round-trip routing** gives you a choice of up to three routes based on the distance and starting direction you want to ride

- **Cycling awareness features** include built-in **incident detection**[3] and **GroupTrack**[3], plus compatibility with the Varia™ line of cycling awareness accessories, including **rearview radar** and **smart bike lights**

- **High-sensitivity GPS** and **GLONASS** for accurate ride data in the most challenging environments

- **Connected features**[3] include **automatic uploads** to **Garmin Connect™** online fitness community, **GroupTrack** feature, **smart notifications**[3], **audio prompts** and **social media sharing**

- **Connect IQ™** lets you personalize your Edge with the information that matters to you with free apps, widgets and data fields from our online Connect IQ store

- Use **Garmin Connect** to plan, share and download new routes

- **Battery-save ride mode**: standard battery life of 15 hours in GPS can be extended by up to 50 percent with the optional battery-save ride mode[2]

EDGE® EXPLORE 1000

CONNECTED)))

EASY-TO-USE GPS CYCLING COMPUTER FEATURES BIKE-SPECIFIC MAPS, POINTS OF INTEREST AND INCIDENT DETECTION

- **Large, 3-inch capacitive touchscreen** display works with gloves and when wet

- Preloaded with **Garmin Cycle Maps** for clear **turn-by-turn directions** for **on-road** and **off-road** navigation

- **Round-trip routing** gives you a choice of up to three routes based on the distance and starting direction you want to ride

- **Route planner** lets you plan routes directly on your Edge using the map or POIs

- Use **Garmin Connect™** to plan, share and download new routes

- **Connected features**[3] include **instant uploads**, **incoming call** and **text alerts**, **live tracking** and **weather**

- **Connect IQ™** lets you personalize your Edge with the information that matters to you with free apps, widgets and data fields from our online Connect IQ store

- **ANT+® compatible** to pair with Varia™ cycling awareness products, heart rate monitors[4], speed and cadence sensors, power meters, remotes and VIRB® action cameras

- **Incident detection** can send **automatic alerts** to emergency contacts should you encounter difficulty on your ride[3]
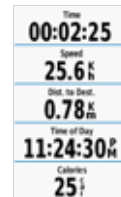
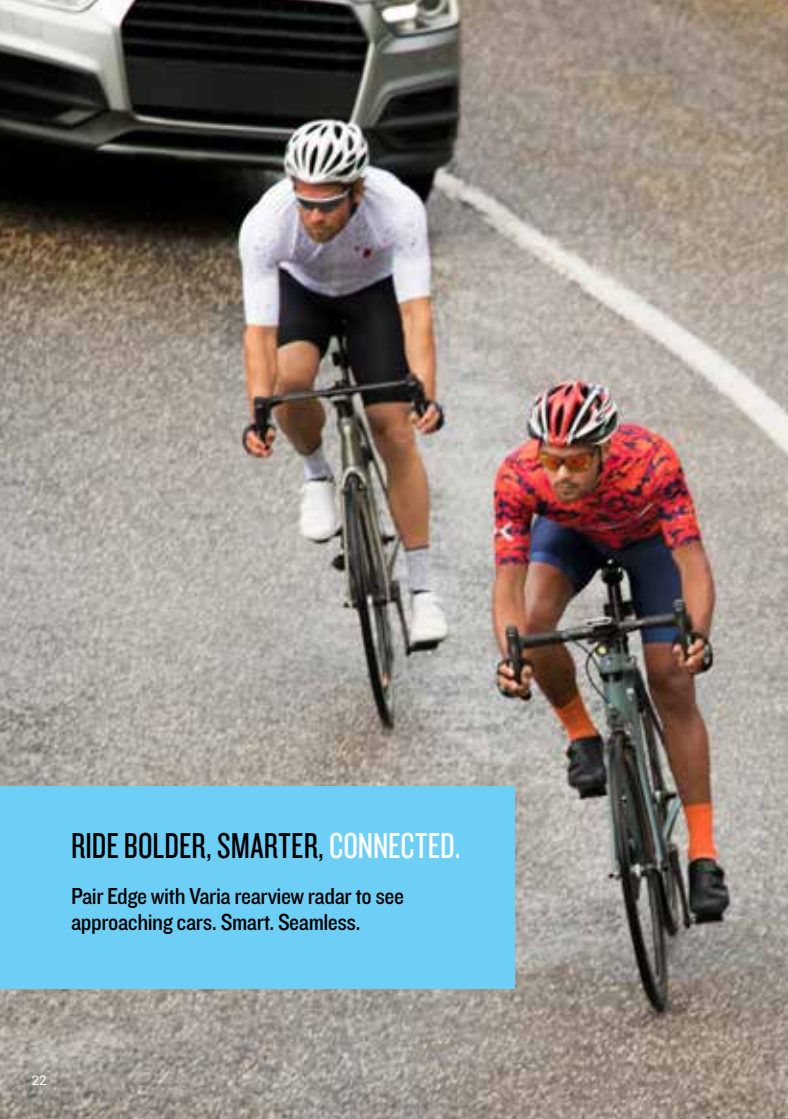Data Fields   Elevation   Incident Detection

VECTOR™ 3 / 3S POWER METERS

MEASURE WHERE IT MATTERS

Ride stronger, smarter, connected with the Vector 3 pedal-based power meter. It's easy to install and pairs seamlessly with Garmin devices and apps. It measures total power, cadence, left/right balance and advanced cycling dynamics[8] to show how and where you're producing power. Its sleek design provides greater cornering clearance and improved stack height for smarter ergonomics. With no pod, Vector 3 installs like any other pedal, so it's easy to transfer from bike to bike. Plus, it offers a battery life of up to 120 hours and fully integrates with the Garmin cycling ecosystem for easy updates.

- Provides pedal-based power measurements of **advanced performance data** that takes training to the next level

- **Installs like any other pedal** for easy transfers from one bike to another without bike shop assistance

- Measures **total power, cadence, left/right balance** and **advanced cycling dynamics**[8] to show how and where you're producing power

- Sleek design provides **greater cornering clearance** and improved stack height

- Battery life up to **120 hours**[2]

- Fully integrates with the **Garmin cycling ecosystem** to allow easy updates via Garmin watches, Edge® cycling computers or phones

VARIA™ CYCLING AWARENESS DEVICES

REARVIEW RADAR

Varia rearview radar warns cyclists of traffic approaching from behind up to 140 meters and integrates seamlessly with compatible devices.

SMART BIKE LIGHTS

Whether you're riding on the streets or the trail, you won't have to quit when the sun does. When your speed varies, Varia UT800 adjusts, too. When paired with compatible Edge cycling computers[3], the UT800 adjusts brightness to give the lumens you need for up to 20 hours in flash mode, so you can ride with confidence.

IN-SIGHT DISPLAY[1]

Varia Vision™ in-sight display puts the cycling information you want where you want it – in your line of sight. It attaches to your sunglasses and displays relevant information when paired with your compatible device.

RIDE BOLDER, SMARTER, CONNECTED.

Pair Edge with Varia rearview radar to see approaching cars. Smart. Seamless.

VARIA™ REARVIEW BIKE RADAR

- Varia rearview bike radar works with compatible Edge® devices[6] to **display up to 8 approaching vehicles from behind**, giving you information about the distance and rate of approach
- Detects vehicles up to 140 meters away
- For an extra measure of safety, **the tail light automatically brightens** when approaching vehicles are detected, and **adjusts accordingly** after
- Threat level indicator **indicates the relative speed of approach and distance** of one or more vehicles at a time
- Up to **8 hours of battery life**[2]

VARIA VISION™ IN-SIGHT DISPLAY

- With an **integrated accelerometer,** Varia Vision can be mounted on either arm of your glasses; it's much lighter than the competition at only 29.7 grams
- **Connect Varia Vision to your compatible Edge** device and Varia radar for in-ride, in-sight visibility of vehicles approaching from behind
- **Vibration alerts** for performance, navigation, or cycling awareness prompts, as well as incoming smart notifications[3]
- The **integrated ambient light sensor** along with a color display ensures good readability in all light conditions
- **Rugged** and **weatherproof** construction designed for cycling use
- **8-hour battery life**[2]; always on
- **Glove** and **wet weather-friendly touch panel** for easy navigation between screens

VARIA™ SMART LIGHTS

- **Automatic beam mode** based on speed information from an Edge device. **The headlight beam will be placed where the rider needs it most**, further away at high speeds and closer in front at lower speeds. When deceleration is detected, the tail light will change its brightness to alert traffic behind that a cyclist is near and slowing
- **Focused light where you need it** on the road ahead, the headlight beam also has a **high beam cutoff** to avoid blinding oncoming traffic while still giving 74 lux at 10 meters
- **Automatic light intensity control**; the brightness intensity of both the headlight and the tail light may be controlled when paired with an Edge 820 or Edge 1030 device

VARIA™ UT800 SMART HEADLIGHT

- **High-intensity** cycling headlight for **urban and trail** use that's **visible in daylight** from more than 1 mile (1.6 km) away
- Projects a steady blast of **800 lumens for up to 1.5 hours**
- **Automatically adjusts** to ambient light conditions, speed and ride profile[8] to extend battery life
- Works independently or pairs with compatible Edge cycling computers to **automatically turn lights on or off, control brightness** and more
- Offers **5 light modes**, including high, medium, low, night flash and day flash
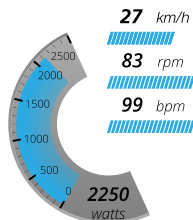
VIRB ULTRA 30

VIRB 360 CAMERA

Speed, Watts and Heart Rate[3]

Watts

VIRB® ULTRA 30 ACTION CAMERA

CONNECTED))))

ULTRA HD 4K/30FPS VOICE-CONTROLLED ACTION CAMERA

- **Captures smooth and steady video**, no matter the terrain[10]

- **Shoot hands-free using voice control**[11] to start/stop recording, take photos or remember moments

- Built-in sensors and GPS **capture G-Metrix™ data** to prove how far, how high and how fast you went

- **High-sensitivity microphone** captures clear audio in and out of the waterproof[12] case

VIRB® 360 CAMERA

CONNECTED))))

360-DEGREE CAMERA WITH GPS AND SENSORS FOR DATA OVERLAYS

- **Resolution up to 5.7K** or 5K unstitched and 4K with in-camera stitching[13]

- **4 built-in microphones** capture 360-degree audio

- **Advanced image stabilization**[14] ensures a smooth video

- Built-in sensors provide **G-Metrix™ data overlays** in 360-degree augmented reality[15]

- Rugged, small and lightweight camera is **waterproof to 10 meters**[16]

- Start and stop recording with **simple one-touch buttons**

- **Livestream**[17] **to YouTube® or Facebook® Live** with compatible smartphone or tablet

- Up to **18-megapixel resolution** providing high-quality, 360-degree images

- **Free VIRB® Mobile app** and desktop software let you edit, stabilize, share and add data overlays to videos

- Use the free VIRB Mobile app to preview your shot live, and control your camera from a compatible smartphone or tablet

- Use **voice control**[18] to start and stop recording, take photos and more

- Record videos in modes such as **slow motion, time lapse, manual** and more

- **Sunlight-readable display** shows battery, storage, mode and connectivity status

GARMIN CONNECT™

CONNECT, COMPETE AND SHARE YOUR PROGRESS ONLINE

Garmin Connect, our free worldwide community of more than 20 million users, syncs seamlessly with your Edge® device, giving you everything you need to set your targets, monitor your progress and achieve your goals. You won't find a better training tool!

- ANALYZE every aspect of your performance
- VIEW rides on a variety of maps with detailed metrics
- PLAN, explore, download and follow new rides
- SHARE and compete with your training partners and friends
- DOWNLOAD training plans directly to your Edge
- COMPETE with Garmin Connect segments
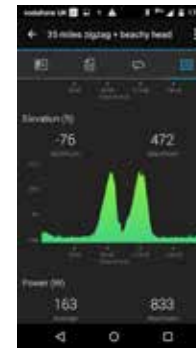

GARMIN CONNECT™ MOBILE
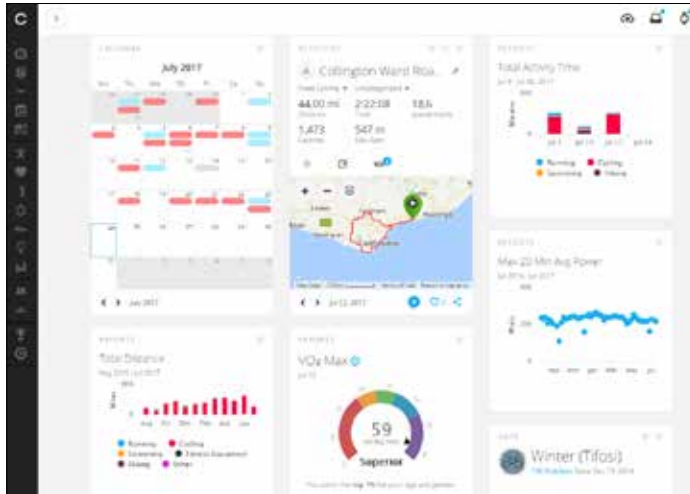
CONNECT ALL YOUR GARMIN DEVICES

Download the Garmin Connect Mobile app[3] to your smartphone for wireless uploads of rides from your Garmin device and to help you smash your fitness goals.

Ride Summary

Elevation Graph

Course Creator
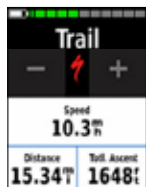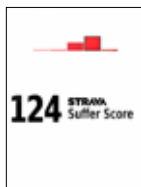

Weight

Insights

Snapshots

CONNECT IQ™

Connect IQ is your destination for specially developed apps to customize your compatible Garmin device. Choose from more than 3,000 apps on the Connect IQ store to personalize your Garmin with customized widgets and data fields. You can also download applications to make your Garmin even smarter.

Compatible Garmin devices include: EDGE® 520 / 820 / 1030 / EXPLORE 820 / EXPLORE 1000

Specialized Turbo Levo

Strava Live Suffer Score
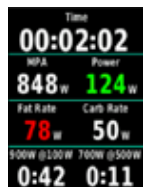
Xert™ Fitness Signature Time-to-exhaustion

Heart Rate and Time in Zone

GARMIN INDEX™ SMART SCALE

THE CONNECTED SCALE WITH THE METRICS THAT MATTER, HELPING YOU TRACK PERFORMANCE DATA, WEIGHT AND BODY COMPOSITION

ACCESSORIES

FOR MORE DETAILS ON GARMIN ACCESSORIES, VISIT GARMIN.COM

Silicone Skins

Carrying Case

In-line Flush Mount

Mountain Bike Mount

Battery Pack

Premium Heart Rate Monitor

Varia Quarter-turn Mount

Maps for 34 countries

Speed and Cadence Sensors

Edge Remote

CYCLING RANGE

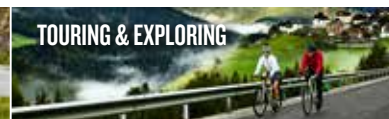|	PERFORMANCE	PERFORMANCE & NAVIGATION		TOURING & EXPLORING	
	EDGE® 20/25	EDGE® 520	EDGE® 820	EDGE® 1030	EDGE® EXPLORE 820	EDGE® EXPLORE 1000
HARDWARE						
DISPLAY	1.3-inch Monochrome	2.3-inch Color	2.3-inch Color Touchscreen	3.5-inch Color Touchscreen	2.3-inch Color Touchscreen	3-inch Color Touchscreen
GPS / GLONASS / ALTIMETER	✓	+ Altimeter	+ Altimeter	+ Altimeter	+ Altimeter	+ Altimeter
CONNECTIVITY	ANT+® / BLE	ANT+ / BLE / BT	ANT+ / BLE / BT / Wi-Fi®	ANT+ / BLE / BT / Wi-Fi inc BLE sensor	ANT+ / BLE / BT / Wi-Fi	ANT+ / BLE / BT / Wi-Fi
AMBIENT LIGHT			✓	✓	✓	✓
BATTERY LIFE	Up to 10 hours	Up to 15 hours	Up to 15 hours	Up to 20 hours	Up to 15 hours	Up to 15 hours
CONNECT IQ		✓	✓	✓	✓	✓
PERFORMANCE FEATURES						
CUSTOM DATA		✓	✓	✓	✓	✓
TRAINING PLANS		✓	✓	✓		
VO2 / CONDITION / STRESS SCORE		✓	✓	✓		
POWER / CYCLING DYNAMICS		✓	✓	✓		
STRAVA LIVE SEGMENTS		+ KOM, PR	+ KOM, PR	✓ (advanced)		
NAVIGATION FEATURES						
COURSES	✓	✓	✓	✓	✓	✓
BREADCRUMB / BACK TO START		✓	✓	✓	✓	✓
GARMIN CYCLE MAP			✓	✓	✓	✓
ROUND-TRIP ROUTING / ON-DEVICE PLANNER			✓	✓	✓	✓
ABILITY TO ADD MAPS				✓		✓
TRENDLINE™ POPULARITY ROUTING				✓		
CONNECTED AND CYCLING AWARENESS FEATURES						
SMART NOTIFICATIONS	✓	✓	✓	✓	✓	✓
WEATHER ALERTS		✓	✓	✓	✓	✓
LIVETRACK	✓	✓	✓	✓	✓	✓
GROUPTRACK			✓	✓	✓	✓
INCIDENT DETECTION		✓	✓	✓	✓	✓
AUDIO PROMPTS			✓	✓		
RIDER-TO-RIDER MESSAGING				✓		

		VECTOR 3	VECTOR 3S
SPECIFICATION	Pedal weight	316 g (total for both pedals)	324 g (total for both pedals)
	ANT+® compatible	Yes	Yes
	Pedal compatibility	Look Kéo[e]	Look Kéo[e]
	Accuracy watts measurement	+/- 1%	+/- 1%
	Battery	Up to 120 hours of active cycling User-replaceable 2 x LR44 batteries	Up to 120 hours of active cycling User-replaceable 2 x LR44 batteries
PARAMETER	Performance and watt values	Current / 3s / 10s / 30s / Avg / Lap / Zone / Max / % FTP / Kj	Current / 3s / 10s / 30s / Avg / Lap / Zone / Max / % FTP / Kj
	Performance areas	Yes	Yes
	Watts per kg (current)	Yes	Yes
	Cadence	Current / Ø / Lap	Current / Ø / Lap
	Functional Threshold Power (FTP)[a]	Yes	Yes
	Normalized Power (NP)[b]	Current / Lap / Last Lap / Total	Current / Lap / Last Lap / Total
	Intensity Factor (IF)[c]	Yes	Yes
	Training Stress Score (TSS)[d]	Yes	Yes
	Torque Effectiveness	Yes	Yes
	Platform Center Offset (PCO)	Current / Ø / Lap	
	Power Phase (PP)	Current / Ø / Lap Peak, Peak of the Lap	
	Sitting / Standing	Total / per Lap	
	Balance (L/R)	Current / 3s / 10s / 30s / Avg / Lap	
	Pedal Smoothness	Yes	

a. FTP – Functional Threshold Power: FTP is a measurement that represents the highest power level one can maintain for one hour without growing fatigued.
b. NP – Normalized Power: Power averaging method, measured in watts, compensates for changes in ride conditions for a depiction of power expenditure.
c. IF – Intensity Factor: IF is an indication of how hard or difficult a ride was in relation to your overall fitness. (IF = NP/FTP)
d. TSS – Training Stress Score: TSS is a way of measuring how much stress is put on your body from a ride.
e. LOOK Kéo are the property of LOOK Cycle International.

VARIA RADAR BUNDLE

SPECIFICATION	Modes	solid, flashing
	Lumens	15
	Battery life	4 hours
	ANT+	Yes
	Water rating	IPX7[19]
	Product dimensions	Display unit: 6.0 x 3.4 x 1.9 cm Rearview radar: 7.3 x 4.4 x 2.3 cm
	Product weight	Display unit: 28.5 g Rearview radar: 63.5 g

		VARIA SMART LIGHT	VARIA UT800 SMART HEADLIGHT	VARIA SMART TAIL LIGHT
SPECIFICATION	Modes	5 light modes	5 light modes	solid, flashing
	Lumens	600	800	28
	Battery life	2.5–5 hours	1.5–2.5 hours	4–14 hours
	Charge time	6 hours	6 hours	2 hours
	ANT+	Yes	Yes	Yes
	Water rating	IPX7[19]	IPX7[19]	IPX7[19]
	Product dimensions	4.8 x 9.2 x 4.0 cm	9.7 x 3.4 x 3.0 cm	3.8 x 9.2 x 1.7 cm
	Product weight	220 g	130 g	52 g

VARIA VISION IN-SIGHT DISPLAY

SPECIFICATION	Weight	29.7 g
	Product dimensions	6.1 x 2 x 2 cm
	Battery life	8 hours (lithium-ion rechargeable)
	Display resolution	428 x 240
	ANT+	Yes
	Water rating	IPX7
	Mounting	Ambidextrous
	Touch panel	Yes
	Sensors	Ambient light and accelerometer

COMPATIBILITY	VARIA RADAR	Edge 25 / 510 / 520 / 810 / 820 / 1000 / 1030 / Explore 820 / Explore 1000 / Varia Vision
	VARIA BIKE LIGHTS	Edge 25 / 520 / 820 / 1000 / 1030 / Explore 820 / Explore 1000
	VARIA UT800 HEADLIGHT	Edge 520 / 820 / 1000 / 1030 / Explore 820 / Explore 1000
	VARIA VISION	Edge 520 / 820 / 1000 / 1030 / Varia Radar

CYCLING RANGE
PERFORMANCE • NAVIGATION • AWARENESS

GARMIN.

GARMIN.COM/CYCLING

1. For situational awareness only; users should view the display at a glance only and always focus on surroundings.
2. Under typical use; battery life will vary depending upon usage and selected performance mode.
3. When paired with a compatible smartphone; see Garmin.com/ble. GroupTrack can track up to 50 riders. Incident detection primarily designed for road cycling use.
4. When used with power and heart rate monitor, sold separately.
5. When used with Vector power meter, sold separately.
6. Compatible with Shimano Di2 electronic shifting system with Shimano D-Fly Data Management function.
7. Available on Android only.
8. Dual-sided vector system only.
9. When paired with compatible Edge devices with ambient light sensor.
10. Image stabilization applies only up to 1440p/60fps or 2.7K/30fps.
11. Voice control works for English only.
12. Up to 40 meters in the included waterproof case; see Garmin.com/waterrating.
13. On-device stitching only up to 4K/30fps.
14. Applied using VIRB Mobile app or VIRB Edit desktop software and only available for videos stitched in camera.
15. G-Metrix augmented reality overlays are added using mobile or desktop app before sharing.
16. See Garmin.com/waterrating.
17. Available on compatible Apple devices only.
18. Available in English (U.S., U.K.), French, Italian, German, Spanish, Swedish, Japanese and Mandarin.
19. IPX7: withstands incidental exposure to water of up to 1 meter for up to 30 minutes.

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