



# HOME NETWORK VIDEO SURVEILLANCE LEADING BRAND



ShenZhen Foscam Intelligent Technology Co., Ltd.

Address: 9/F, Block F5, TCL International E City, No.1001  
Zhongshanyuan Road, NanShan District, Shenzhen, PRC,  
518055

Tel: +86-755-26745668

Fax: +86-755-26745168

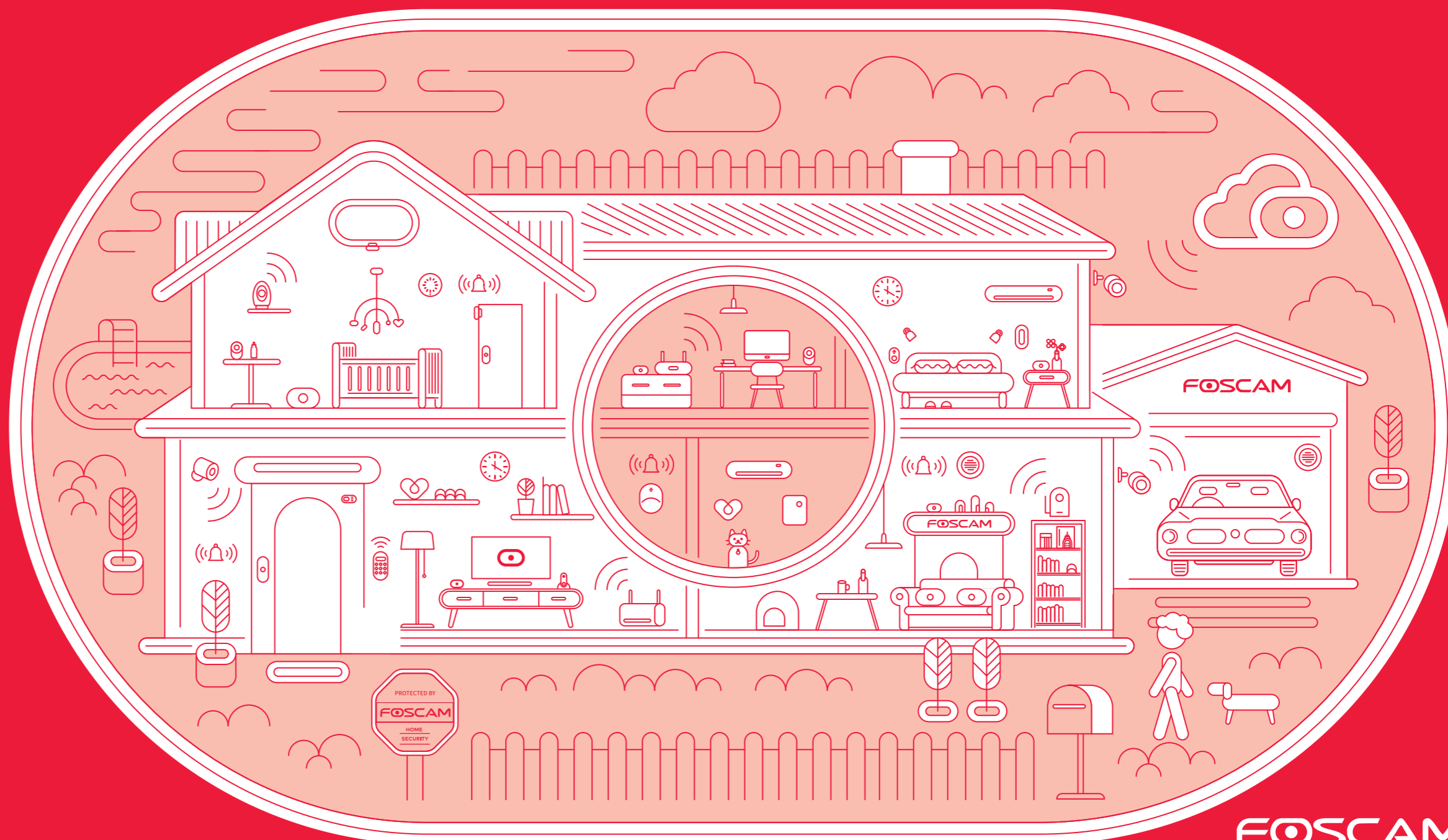
Sales E-mail: [sales@foscam.com](mailto:sales@foscam.com)

Support E-mail: [tech@foscam.com](mailto:tech@foscam.com)

Foscam Community: <http://community.foscam.com>

Website: [www.foscam.com](http://www.foscam.com)

2018 Product Brochure



# CATALOGUE

01

About Foscam

05

Home Security

07

Business Security

08

Foscam Cloud Service

09

Foscam APP

11

Battery-powered Camera NEW

Foscam E1

13

13 Indoor Wireless  
Pan/Tilt IP Camera

R4/R2/FI9821P

15 Indoor Wireless  
Cube IP camera

C2/C1

17 Outdoor Waterproof  
Bullet IP camera

FI9901EP/FI9900P/FI9900EP/FI9803P

19 Outdoor Dome IP Camera

FI9928P/FI9961EP/FI9853EP

21 Network Video Recorder Kits

FN7108E-B4-2T/FN3104W-B4/FN3108XE-B4-1T

24

Accessories

25

Aftersales Support

26

Product Specification

# About Foscam

## Our Mission

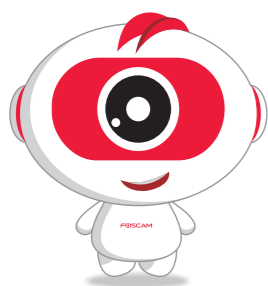
Dedicated to security technology, create a secure life.

## Company Vision

Become the world's top brand of intelligent security field.

## Core Value

Strive, Self-realizing,  
Service-focused,  
Customer success.



ShenZhen Foscam Intelligent Technology Co.,Ltd. is a professional company which designs, manufactures and provides IP video camera and solutions.

Founded in 2007, Foscam is headquartered in Shenzhen, China, with its operations all over the world. Foscam has established distribution channels in more than 80 countries and regions, including Germany, the United States, Britain, Italy, Singapore, India, France and Canada. Millions of Foscam products, which have been approved by ISO9001:2008 and RoHS, have been sold via various online store channels and retailers.

Foscam has a domestic R&D team with professional experience of many years for video, voice and communication products. The team possesses best technology integration and development capabilities.

As a leading firm for network video solutions in China, Foscam is committed to offering the public the safest network camera series of high quality and cost-effective comprehensive equipment solutions. Thanks to all the great channels with our top-class resellers, Foscam has gained high reputation for its cost-effectiveness. We sincerely welcome worldwide partners to join us to expand Foscam brand value together.



Subsidiary Foscam Inc. was established in the USA in 2016. Its origination was based on the concept of the manufacture being closer to the front lines in the worlds largest consumer market for IP Cameras. As a manufacture of IP cameras, it is critical we understand what consumers want so that we can go back to the drawing board and build the products that meet their needs.

# Foscam Milestone 2007-2018

2018	Start home security system design Start Foscam AI project
2017	Foscam's 10th anniversary Intelligent algorithm V1.0 is commercially available. Products advance toward higher resolution and intelligentization
2016	Build up subsidiary Foscam, Inc. in the USA.
2015	Set up the Global Service Center in the headquarter. Released the first-phase project of Cloud platform. Built up Subsidiary in the UK.
2014	Acquired ISO9001 quality certificate Released the first network baby monitor-FosBaby.
2013	Joined ONVIF Alliance.
2012	Released the first 1.0 Megapixel Foscam independent R & D network camera.
2011	Sales volume ranked No.1 in China with 200% annual growth rate.
2010	Released FI8918W with design patent, sales volume reached 130,000USD. Became top three network camera providers in China.
2009	Entered into the USA, Europe market. Released FI8904W, FI8905W and etc.
2008	Released patented product-FI8908W.
2007	Foscam is founded in Shenzhen.

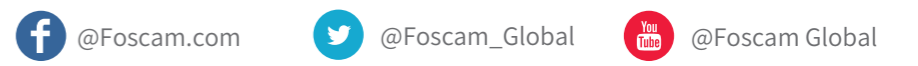
# Foscam RESELLERS

Foscam has established distribution channels in more than 80 countries and regions, including the United States, United Kingdom, Germany, Britain, Italy, Singapore, Spain, Netherlands, France, Canada, Australia, etc. In these countries, millions of Foscam products have been sold via various online store channels and local retailers.

## Stores



and more ...



### North America

- United States
- Canada
- Mexico

### Europe

- Belgium
- Danmark
- France
- German
- Hungary
- Ireland
- Italy
- Netherlands
- Norway
- Poland
- Romania
- Russia
- Spain
- Switzerland
- Turkey
- Ukraine
- United Kingdom

### South America

- Argentina
- Brazil
- Bolivia
- Chile
- Colombia
- Panama
- Peru
- Venezuela

### Asia

- China (HK/TW)
- Dubai
- India
- Indonesia
- Iran
- Israel
- Japan
- Korea
- Kuwait
- Malaysia
- Saudi Arabia
- Singapore
- Vietnam

### Oceania

- Australia
- New Zealand

### Africa

- South Africa



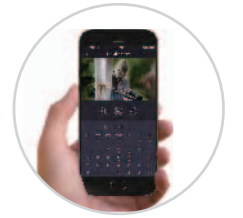
# Home Security



**Garage**  
FI9900P



**Indoor**  
R2



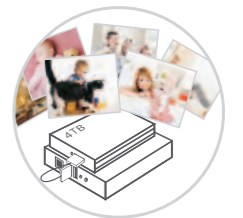
Monitor your home  
in the palm of your hand.



Replay multi-channel  
synchronously on PC.



Find the record accurately  
by motion alarm  
and auto recording.



Plug in external  
hard disk in a second.



**Corridor**  
FI9928P



**Living room**  
C2



FN3109H



**Garage / Door**  
FN3104W-B4 B1



**Indoor**  
S1



# Business Security



Store



Office



School



Warehouse  
Factory

## Protect your business day and night

With night vision and motion detection, it's easy for you to know whether your business is safe and secure anytime.



## View your chain stores on one computer

If you have several stores in different places, you may have trouble in managing them simultaneously. Now add each store video on Foscam VMS to follow them all at once.



# Foscam Cloud Service Simple · Smart · Secure



www.myfoscam.com

Foscam Cloud adds a simple, smart and secure way to store video recordings from your Foscam cameras. With Foscam Cloud, you'll never miss an event!



### Cloud Recording

Cloud storage protects recordings against any footage loss that could result from damage such as fire, flood, vandalism, or theft of the camera.



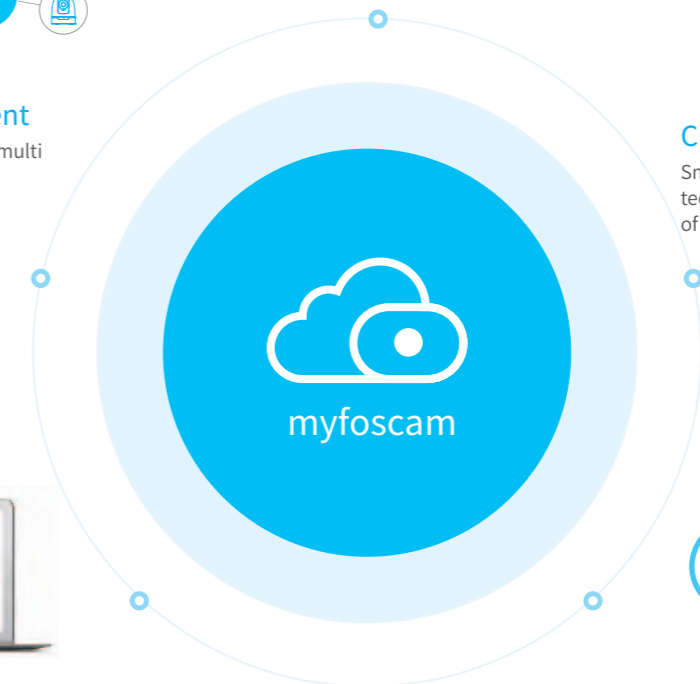
### Cloud Push

Smart motion and sound detection technology will notify your smartphone of meaningful events.



### Cloud Management

Real-time viewing and multi camera management



Firmware

### Cloud Upgrade

Enjoy the latest features for your camera through free over-the-air updates



### Cloud Playback

Quickly see the important moments you missed, and enjoy viewing the fun moments anywhere.

Trusted by more than **2 MILLION** users!

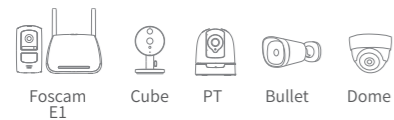
# Foscam APP Be There, From Anywhere

Foscam Cloud adds a simple, smart and secure way to store video recordings from your Foscam cameras. With Foscam Cloud Service, never miss an event!



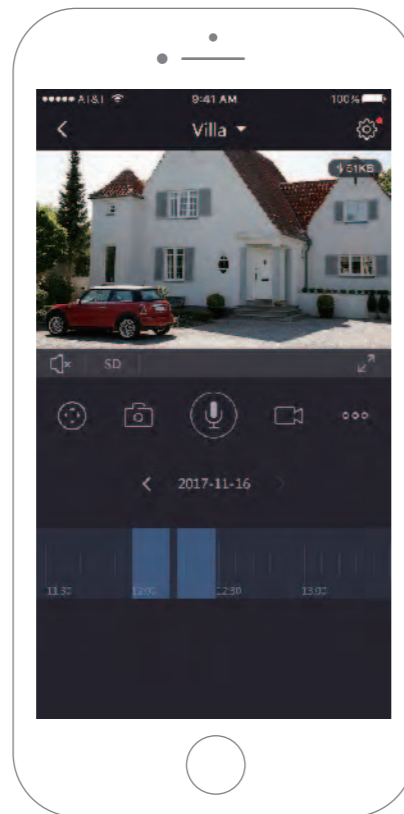
Foscam APP

## One APP for multiple Foscam cameras



## One APP for home security

- Alert notifications and Alert Linkage.
- Sharing cameras with your family.
- Foscam cameras can be remotely voice controlled via **amazon alexa**

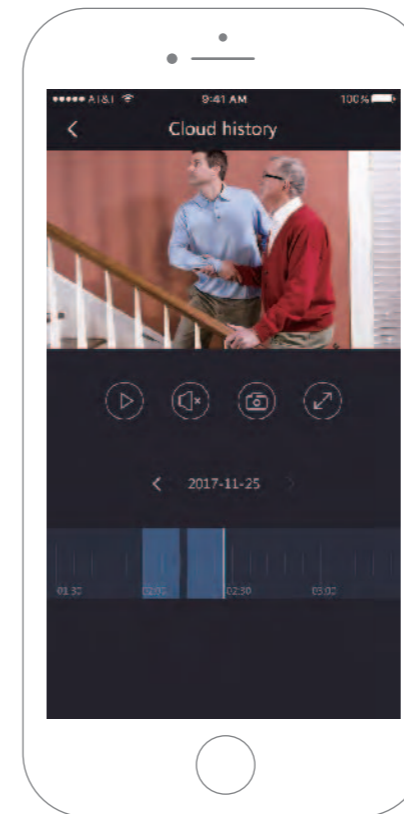


## Control your camera from your smartphone

Two way audio  
Control the pan/tilt rotation of camera  
Remote Camera Setting



## New look in 2018



## How to get Foscam app?

Foscam App is free and available for download in the App Store and Google Play store.



Search "Foscam App" in the App Store or Google Play store.

When you see the blue and white Foscam App logo, select download and install.

Alternatively, you can simply scan the QR code above to download Foscam App directly.















# Foscam E1 <sup>NEW</sup>

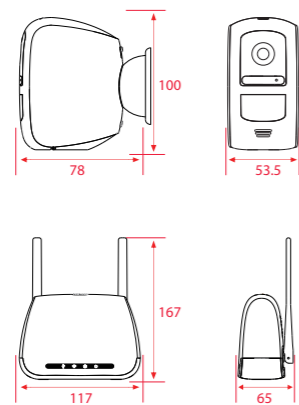
## HD Smart Security

### Wire free, Hassle free

#### Features

-  100% Wire-Free Camera
-  Free Foscam Cloud Plan
-  Long-lasting Rechargeable Battery
-  1080P HD Quality Live View & Playback
-  Accurate Motion Detection
-  Weather-resistant
-  Two-way audio
-  Night Vision
-  External USB Storage
-  110° Viewing Angle

#### Dimensions (Unit: mm)



Monitoring Various Locations  
House



## 100% Wire-Free Camera

Leave the unsightly wires behind. The Foscam E1 camera is 100% Wire-Free and is easy to setup - no invasive drilling or wiring required.

Thanks to its magnetic base, you can install your camera anywhere.

No angle is missed when monitoring your home right from your smartphone.

## Free Foscam Cloud Plan with the Foscam E1

Free Foscam Cloud Plan includes up to 6 cameras per account.

Access triggered video recordings from your Foscam Cloud for up to 7 days of history.

Enjoy up to 1 GB of Cloud storage with the Free Foscam Cloud plan.

Free Foscam Cloud Plan never expires for the Foscam E1.

Note: We reserve all the right for the final explanation about Free Foscam Cloud Plan

## Long Lasting Rechargeable Battery

Long-lasting battery life allows you to keep an eye on what matters most anytime, even if you're away for extended periods.

You can check the Foscam E1's battery status conveniently right from the Foscam App.

Rest assured knowing that when the battery needs to be charged, notifications will be sent right to your smartphone.

Note: Foscam E1 uses 5000mAh rechargeable battery. Battery life varies depending on camera settings, usage and operating temperature.

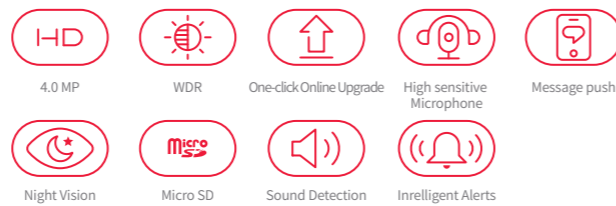




## 4.0MP Indoor Pan/Tilt Wireless IP Camera

### Key Features

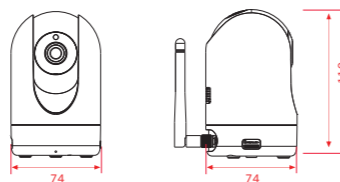
- 4.0 Megapixels wireless IP camera
- IR range up to 26 feet (8 meters)
- Magic Zoom provides detailed view
- EZLink and PnP setup feature bring easy setup experience
- H.264 video compression
- Enhanced 2 Way Audio with integrated mic and speaker
- WDR technology
- Low Bit Rate feature brings smooth video experience
- Supports up to 128GB Micro SD Card Storage
- Supports Pan/Tilt function (H=300°/V=100°)
- Works with free Foscam iOS and Android Colud APP
- Supports IEEE 802.11n Wireless Connection



### R4



### Dimensions (Unit: mm)



**Monitoring Various Locations**  
House, small shops, school, warehouse

## Indoor 1080P Full HD Wireless Pan/Tilt IP Camera

### Key Features

- 2.0 megapixels 1080P full HD wireless pan & tilt camera
- Supports pan & tilt control from phone (H:300°; V: 100°)
- Detect human motions with Smartcam Technology to reduce irrelevant alerts
- Enhanced two way audio with integrated mic and speaker
- IR range up to 26 feet (8 meters)
- 2X magic Zoom and 6X digital zoom for closer view
- WDR technology for clearer image in backlight scene
- Low Bit Rate (Ambarella chip set)
- Supports up to 128G micro SD card storage
- All motion detection and alert push to email, FTP and mobile app

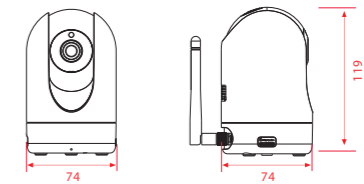


**Monitoring Various Locations**  
House, small shops, school, warehouse

### R2



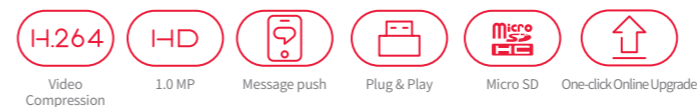
### Dimensions (Unit: mm)



## 720P HD PnP Wireless IP Camera

### Key Features

- 720P HD Pan/Tilt wireless IP camera
- H.264 video compression
- Day/Night surveillance, IR LEDs On/Off auto switch
- Motion detection alerts push to email, FTP and mobile app
- Supports 32G micro SD card storage
- Plug & Play connection by simply scanning QR code
- Compatible with free Foscam central management software
- Compatible with free Foscam iOS and Android APP
- Supports WPS - secure wireless connection
- Supports 6X digital zoom

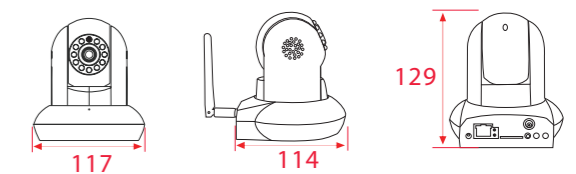


**Monitoring Various Locations**  
House, small shops, school, warehouse

### FI9821P



### Dimensions (Unit: mm)

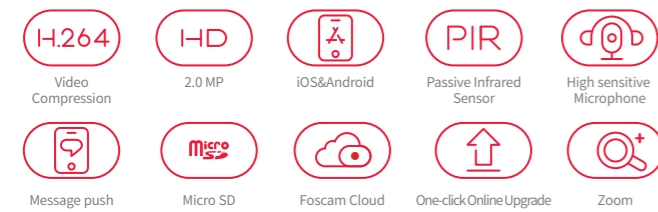


**Monitoring Various Locations**  
House, small shops, school, warehouse

# 2.0 Megapixel 1080P Full HD PIR Wireless IP Camera

## Key Features

- 2.0 Megapixels 1080P Full HD Images and Videos
- Passive Infrared Detection & Intelligent Alerts for Accurate Monitoring
- Enhanced 2 Way Audio with integrated mic and speaker
- 2X Magic Zoom and 6X Digital Zoom provide detailed View
- Ultra-wide 110° viewing angle
- 128GB Micro SD card & Foscam Cloud Storage

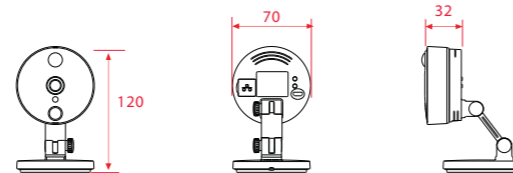


**Monitoring Various Locations**  
House, Garden, Factory, Shop, Office

C2



Dimensions (Unit: mm)



# 720P HD Indoor PnP Wireless IP Camera

## Key Features

- 720P HD wireless IP camera
- Plug & Play connection by simply scanning QR code
- H.264 video compression
- Day & Night surveillance, IR LEDs On/Off auto switch
- Accurate action detection alarm with Infrared Human Body Sensor
- Supports 360° monitor with functional bracket
- Supports 32G micro SD card storage
- Supports two-way audio
- Works with free iOS and Android APP
- Supports 6X digital zoom

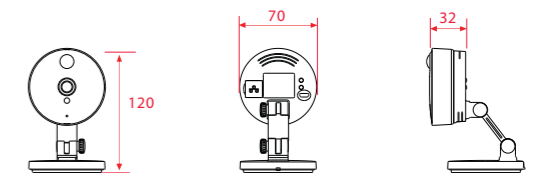


**Monitoring Various Locations**  
House, Garden, Factory, Shop, Office

C1



Dimensions (Unit: mm)

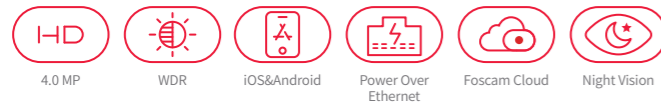




# 4.0 MP Outdoor IP66 Waterproof PoE IP Camera

## Key Features

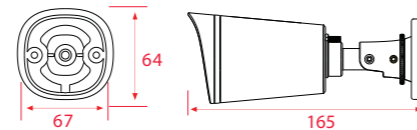
- 4.0 megapixel IP66 waterproof IP camera
- IR range up to 66 feet (20 meters) with 30pcs IR-LEDs
- WDR 2.0 for better image in backlight situations
- IP66 rating against all types of bad weather
- Supports two-way audio with external mic and speaker
- Motion detection alert to mobile app, email and FTP
- Compatible with free Foscam iOS and Android app
- Supports cloud service and real-time captured image push
- Supports 6X digital zoom



FI9901EP



## Dimensions (Unit: mm)



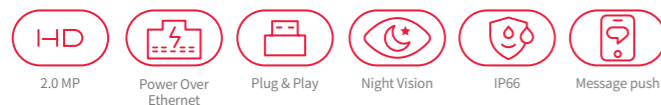
## Monitoring Various Locations

House, Garden, Factory, Shop, Office

# 2.0 MP Outdoor IP66 Waterproof PoE IP Camera

## Key Features

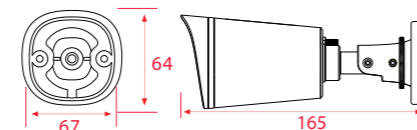
- 2.0 Megapixel full HD IP66 waterproof IP camera
- Plug & Play connection by simply scanning QR code
- With 30pcs IR-LED, IR range up to 66 feet (20 meters)
- Motion detection alerts push to email, FTP and mobile app
- Compatible with free Foscam iOS and Android APP
- Supports WDR, LBR and Magic Zoom
- Supports 6X digital zoom



FI9900EP



## Dimensions (Unit: mm)



## Monitoring Various Locations

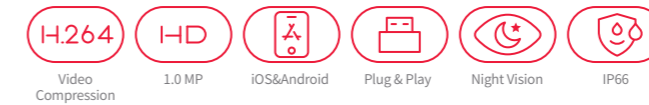
House, Garden, Factory, Shop, Office



# 1080P HD Outdoor IP66 Waterproof Wireless Bullet IP Camera

## Key Features

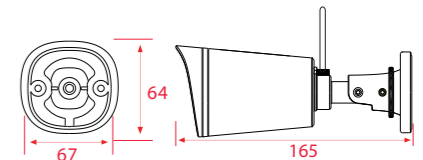
- 2.0 Megapixel HD IP66 Waterproof IP Camera
- With 30pcs IR-LED, IR range up to 66 feet (20 meters)
- Plug & Play Feature by scanning QR code for easy remote access
- Motion detection alerts push to email, FTP and mobile app
- Compatible with free Foscam iOS and Android APP
- Supports WDR, LBR and Magic Zoom
- Supports IEEE 802.11n Wireless Connection
- Supports WEP, WPA and WPA2 Encryption
- Supports Two-way Audio
- Supports 6X digital zoom



FI9900P



## Dimensions (Unit: mm)



## Monitoring Various Locations

House, Garden, Factory, Shop, Office

# 720P HD Outdoor IP66 Waterproof Wireless IP Camera

## Key Features

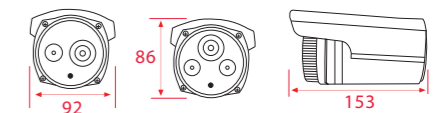
- 1.0 MP HD IP66 waterproof IP camera
- H.264 video compression
- Plug & Play connection by simply scanning QR code
- IR range up to 66 feet (20 meters)
- Motion detection alerts push to email, FTP and mobile app
- Compatible with free Foscam Video Management Software
- Compatible with free Foscam iOS and Android APP
- Supports IEEE 802.11n wireless connection
- Supports WEP, WPA and WPA2 encryption
- Supports 6X digital zoom



FI9803P



## Dimensions (Unit: mm)



## Monitoring Various Locations

House, Garden, Factory, Shop, Office



# 1080P Full HD Pan/Tilt/Zoom Waterproof Wireless Starvis Dome Camera

## Key Features

- 2.0 megapixel full HD Pan/Tilt/Zoom wireless dome IP camera
- 4x optical zoom for more detailed view
- Supports pan & tilt function (H=355°; V=90°)
- Day & night surveillance, IR LEDs On/Off auto switch
- With 6pcs IR-array lights, IR range up to 196 feet (60 meters)
- Motion detection alert push to email, FTP and mobile app
- Supports auto focus
- Compatible with free Foscam iOS and Android app
- Supports IEEE 802.11n wireless connection
- Supports WEP, WPA and WPA2 encryption
- Supports two-way audio with external mic and speaker
- Supports I/O interfaces



## Monitoring Various Locations

House, Garden, Factory, Shop, Office

## Luxury hardware for most powerful camera

Professional SONY CMOS sensor, the low light imaging sensor, supports low lux color night vision and shows you more details with full color image in near darkness. Reliable Ambarella chip provides smooth video feed at low bit rate. 4X optical zoom dual-motor lens is equipped for superb magnification effect.

## Artful 4+2 grouping of infrared lamps for clearer night vision

To provide clearer night vision image, six highly efficient infrared lamps are divided into two groups for wide angle viewing and narrow angle viewing respectively. The switch of lamp group corresponds automatically to the focus of lens.

## Super wide pan & tilt range and 4X optical zoom

Control the pan & tilt rotation of camera from your phone to see your space without blind spots. Never leave anything to doubt with 4X optical zoom and 6X digital zoom. Auto focus works well with zoom to provide clear image for you.

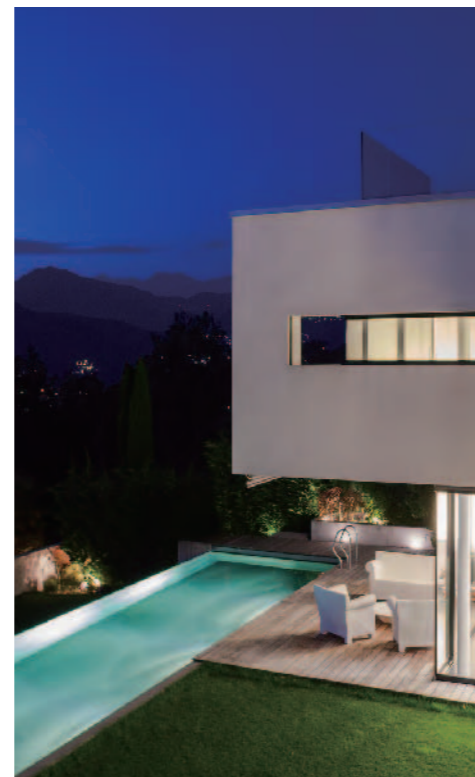
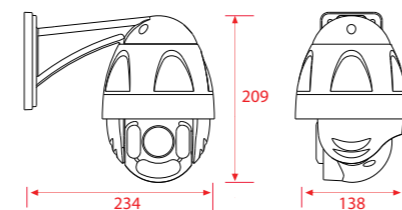
## External Micro SD card slot for easy operation

Insert Micro SD card for local storage is not tricky any longer. You don't need to disassemble the camera, but just remove the two screws on a small cover to see the Micro SD card slot. The best part is, both the cover and other parts of camera are waterproof for the outdoor use.

## FI9928P



## Dimensions (Unit: mm)



# 1080P FHD Vandal-proof PoE Dome IP Camera

## Key Features

- IK10 vandal-proof cover against devastating impacts
- 2.0 megapixel full HD streaming video
- WDR 2.0 for better image in backlight situations
- IR range up to 66 feet (20 meters) with infrared lamp arrays
- IP66 rating against all types of bad weather
- PoE for easier wiring and smaller through-wall hole
- Quick QR code access and free iOS and Android Foscam APP
- Superior two-way audio with external mic and speaker
- Supports recording and alert push triggered by motion detection
- Supports cloud service and real-time captured image push
- Supports SD card up to 128G
- Supports 6X digital zoom



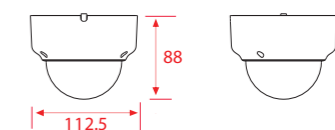
## Monitoring Various Locations

Hospital, School, Metro Station, Factory

## FI9961EP



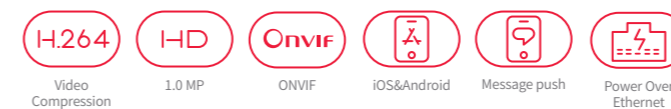
## Dimensions (Unit: mm)



# 720P HD PnP Fixed Dome IP Camera

## Key Features

- 1.0 Megapixel HD waterproof IP camera
- H.264 video compression
- Plug & Play connection by simply scanning QR code
- IR range up to 66 feet (20 meters)
- Motion detection alerts push to email, FTP and mobile app
- Compatible with free Foscam iOS and Android APP



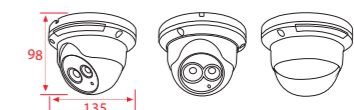
## Monitoring Various Locations

House, Factory, Shop, Office

## FI9853EP



## Dimensions (Unit: mm)



# 1080P Professional PoE NVR Security System

## Key Features

- 8-channel live viewing, 4-channel synchronous playback
- 1080P high definition images for day and night
- Standard PoE for easy wiring and small through-wall hole
- Access via Foscam NVR APP, browsers, or monitor
- Pre-installed 2TB hard drive (up to 4TB)
- Motion detection alert push to email and FTP
- 30 IR LEDs for 66 feet (20 meters) IR range
- IP66 rating against all types of bad weather
- USB 3.0 data transfer, 10 times faster than USB2.0
- HD-OUT: connect via HD cable to HDTV



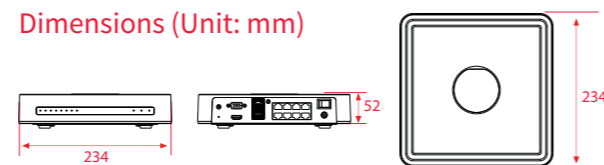
## Monitoring Various Locations

House, Garden, Factory, Shop, Office

## FN7108E-B4-2T



Dimensions (Unit: mm)

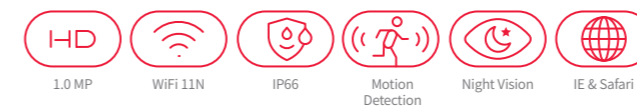


# 720P WiFi NVR Security System

Enjoy all the advantages of wireless connection

## Key Features

- WiFi NVR Kits, connect camera with NVR wirelessly
- Supports IEEE 802.11n wireless connection
- 4-channel live viewing and synchronous playback
- 720P high definition images for day and night
- Access cameras via IE, Safari
- Remote viewing on smartphone via free Foscam NVR APP
- Motion detection alert push to email and FTP
- Pre-installed 1TB hard drive (up to 4TB)
- 30 IR LEDs for 66 feet (20 meters) IR range
- IP66 rating against all types of bad weather
- HD-OUT: connect via HD cable to HDTV



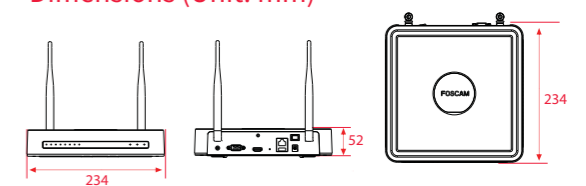
## Monitoring Various Locations

House, Factory, Store, Office, Warehouse, Hotel

## FN3104W-B4



Dimensions (Unit: mm)



## NVR and Camera Auto Pairing

Four cameras automatically connect to the NVR in the same security system when all of them are powered, no Ethernet cable is required. Only for remote viewing access you need connect the NVR to network.

## Automatic Channel Picking for Sustained WiFi Speeds

WiFi speeds are a vexing problem in a lot of situations. This security system can automatically select the best channel to get you more stable network connection and boost your WiFi speed.

## Mount It Wherever You'd Like

Enjoy all the advantage of wireless security system, such as flexible mounting position selection, much easier wiring works, less damages to your decoration and so on. This portable system can be taken anywhere.

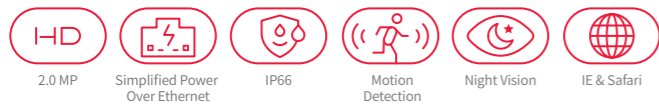




# 720P HD Simplified PoE NVR Security System

## Key Features

- 8 Channel Live Preview & Record
- 4 Channel Synchronous Playback
- High Definition 720P Live View & Playback
- Pre-installed 1TB/2TB Hard HDD
- xPoE - Simplified Power Over Ethernet for IP Cameras
- Access Device Via Mobile APP or IE & Safari & Firefox
- Remote Viewing- View Remotely on your Smartphone
- Motion Detection Alarm Via E-mail and FTP
- 66 feet (20 meters) IR range
- 75° Viewing Angle
- Outdoor Cameras with IP66 Weather-resistant Rating
- HD-OUT- Connect Via HD cable to HDTV



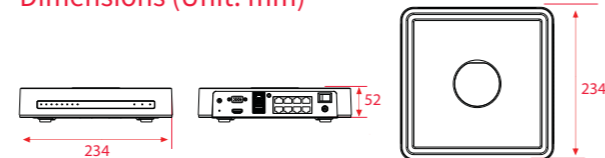
## Monitoring Various Locations

House, Factory, Store, Office, Warehouse, Hotel

## FN3108XE-B4-1T



## Dimensions (Unit: mm)



# Accessories



PoE Injector



Ethernet Cable



HD Out Connector



Waterproof Junction Box



PoE Switch



Extension Cord



Wireless Antenna



Power Adapter

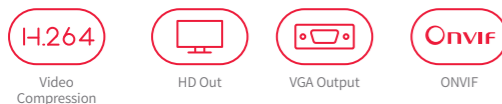


Wall Mount for Bullet Camera

# 9-channel 960P HD Network Video Recorder

## Key Features

- 9-ch 960P HD IP camera access
- H.264 main profile video compression
- Supports HD output and VGA local display
- 9-ch video synchronous playback
- Compatible with Foscam HD and MJPEG cameras
- Supports ONVIF protocol
- Supports USB external storage (flashdisk,HDD)



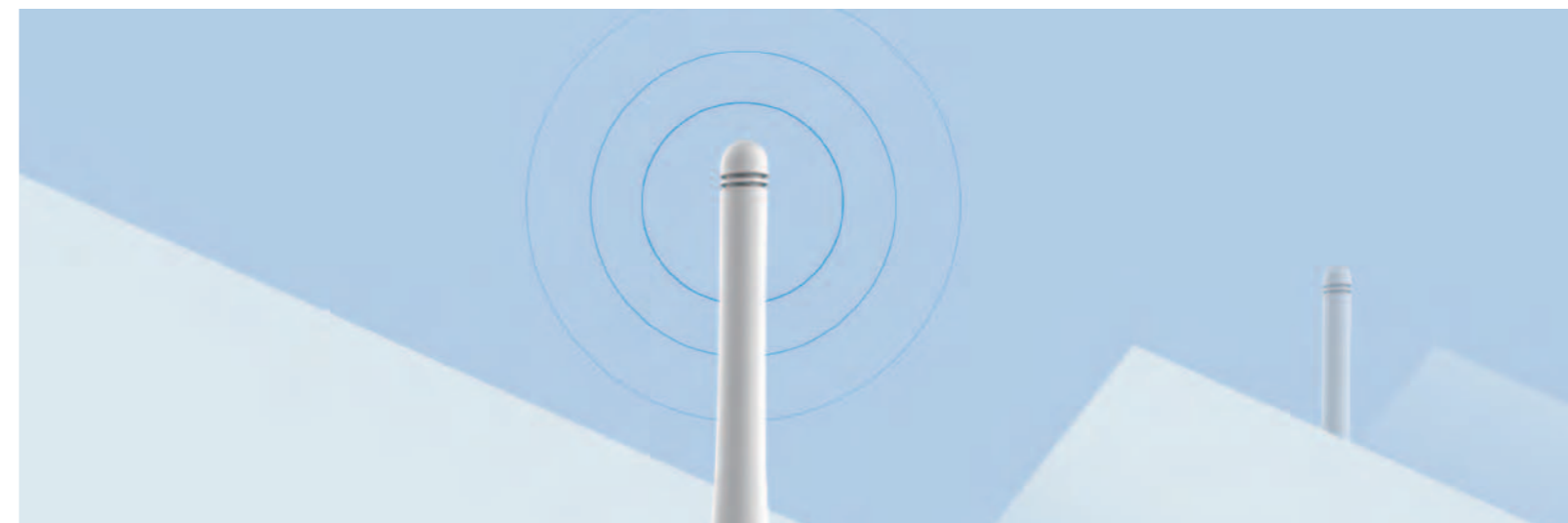
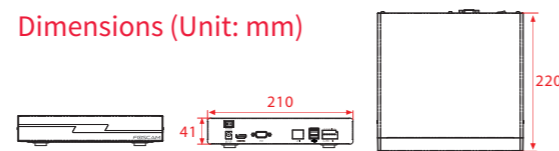
## Monitoring Various Locations

House, Convenience Store, Warehouse, Hotel

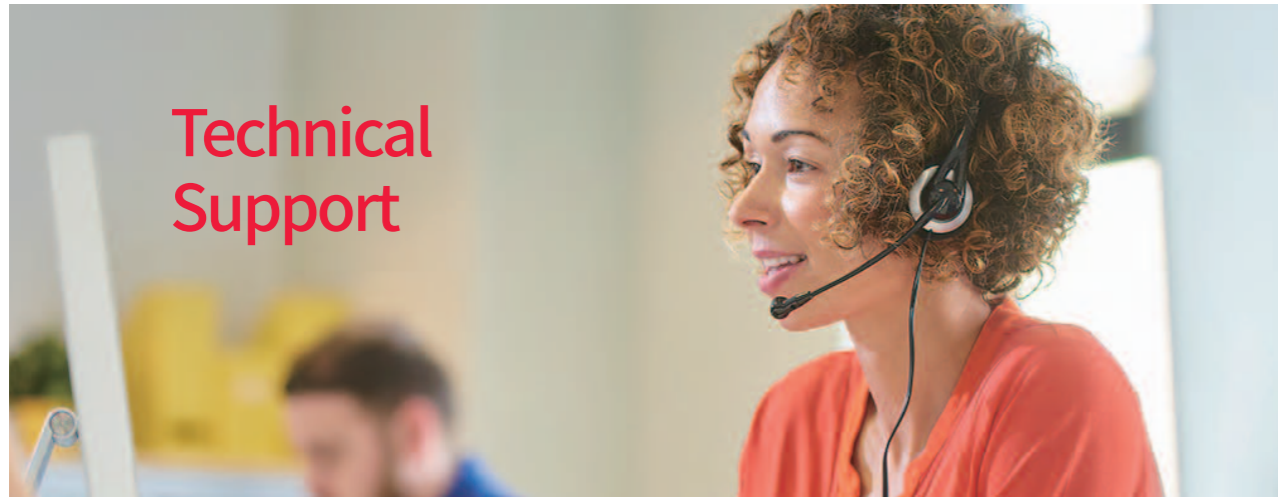
## FN3109H



## Dimensions (Unit: mm)



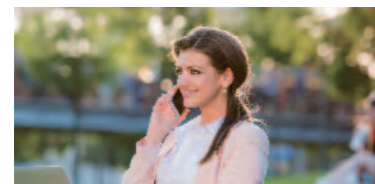




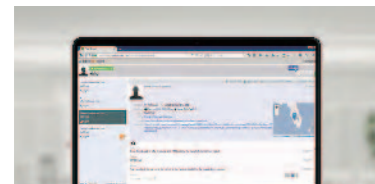
# Technical Support



Global Technical Support Email:  
**tech@foscam.com**



Call us  
**1-844-344-1113** U.S.A



Live Chat on  
**www.foscam.com**








Online Foscam Community Support  
**http://community.foscam.com**










Free Instructional How-To Videos available  
**on Youtube and official website**

Battery-powered IP camera		Foscam E1		
Station	Model	S1		
Video Input	IP Video Input	up to 8Channels		
	Recording Resolution	720P & 1080P		
	Record Mode	Manual /alarm Record		
Recording	Compression Format	H.264		
	Playback	Synchronous Playback	1 channel 720P&1080P synchronous video playback	
Network	Ethernet	One 10/100Mbps RJ45 port		
	Wireless Standard	IEEE802.11b/g/n		
	Wireless Security	WEP, WPA, WPA2		
	Network Protocol	IP, TCP, UDP, HTTP, HTTPS, DHCP		
External Interface	Network Interface	1× 10/100 Mbps RJ45 port		
	USB	1× External USB storage port		
	Button	1× Power on/off button, 1× Reset button		
Software	Smart phone	iOS, Android, 3G/4G Smartphones		
Language	Language	English		
Physical and Environmental	Power Supply	DC 12V/1A		
	Dimension(LxWxH)	167mm*65mm*117mm	Net Weight (g)	290g
	Operating Temperature	0°C ~ 55°C (32°F ~ 131°F)		
	Operating Humidity	20% ~ 85% non-condensing		
	Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)		
	Storage Humidity	0% ~ 90% non-condensing		
Camera	Model	B1		
Image Sensor	Sensor Type	1/2.9" CMOS		
	Video Quality	1080P(1920*1080)&720p (1280*720)		
	Backlight Compensation	√		
Lens	Lens Type	f:2.8mm, F:2.0	IR Range	25ft(8m)
	Infrared Mode	Automatic		
	View Angle	110°		
Connectivity	Wireless Standard	IEEE802.11b/g/n		
	Data Rate	"IEEE802.11b: 11Mbps(Max.); IEEE802.11g: 54Mbps(Max.); IEEE802.11n: 150Mbps(Max.)."		
	Network Protocol	IP, TCP, UDP, HTTP, HTTPS, DHCP		
Software Features	Video Format	H.264		
	Multi-Stream	A single stream		
	Motion Detection	√	Day/Night	√
Physical and Environmental	Waterproof	IP65	Net Weight	290g
	Battery capacity	5000mAh		
	Standby	Battery life varies based on settings, usage & temperature.		
	Dimension(LxWxH)	78(L)x53.5(W)x100 (H)	Certification	FCC, IC, CE, IP65
	Warranty	Limited 1-year warranty		
	Operating Temperature	-20°C ~ 50°C (-4°F ~ 122°F)	Operating Humidity	10% ~ 80% non-condensing
	Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)		
Storage Humidity	0% ~ 90% non-condensing			



Indoor IP Cameras				
		R4	R2	F9821P
Image Sensor	Sensor Type	1/3" CMOS	1/2.7" CMOS	1/4" CMOS
	Display Resolution	4.0 Megapixels (2560x1440),	2.0 Megapixels (1920x1080)	1.0 MegaPixels (1280x720)
	Frame Rate (Max.)	25fps	25fps	30fps
	IR-cut	✓	✓	✓
	Minimum Illumination	0 Lux (With IR Illuminator)		
Lens	Lens Type	f:4.0mm, F:2.1	f:2.8mm, F:2.6	f:2.8mm, F:2.4
	Angle of View	74°	101°	64°
	Pan & Tilt Angle	H=300°, V=100°	H=300°, V=100°	H=300°, V=120°
	IR Range	8m (26.2ft)	8m (26.2ft)	8m (26.2ft)
Connectivity	Ethernet	✓	✓	✓
	WPS	✓	✓	✓
	Wireless	IEEE 802.11b/g/n		
	Wireless Security	WEP, WPA, WPA2		
	P2P	✓	✓	✓
	External I/O	N/A		
	SD Card Slot	128G micro SD card	128G micro SD card	32G micro SD card
Software Features	Video Format	H.264		
	Multi-Stream	Dual streams		
	Motion Detection	✓	✓	✓
	Sound Detection	✓	✓	✓
	Scheduled Recording	✓	✓	✓
	Built-in DDNS Server	✓	✓	✓
	Browser Supported	IE; Chrome; Safari.		
	OS Supported	Windows, MAC, Android, iOS		
	Infrared Mode	Automatic or manual		
	Day/Night	✓	✓	✓
Firewall	Supports IP Filtering			
Audio	2-way Audio	✓	✓	✓
	Built-in Microphone	✓	✓	✓
	External Microphone Input	N/A	N/A	✓
	Built-in Speaker	✓	✓	✓
	External Speaker Output	N/A	N/A	✓
Physical and Environmental	Dimensions (mm)	74(L)x74(W)x119(H)	74(L)x74(W)x119 (H)	117(L)x114(W)x129(H)
	Power Adapter	5V/2A		
	Power Consumption	<6W	<6W	<8.2W
	Operating Temper	-10°C ~ 55° (14°F ~ 131°F)	-10°C ~ 50° (14°F ~ 122°F)	
	Operating Humidity	20% ~ 85% non-condensing		
Certification	IC, CE, RoHS, FCC, CCPSA			
Warranty	Limited 2-year warranty			


Indoor IP Cameras			
		C2	C1
Image Sensor	Sensor Type	1/3" CMOS	1/4" CMOS
	Display Resolution	2.0 MegaPixels (1920x1080)	1.0 Megapixels (1280x720)
	Frame Rate (Max.)	30fps	25fps VGA 23fps(720P)
	IR-cut	✓	✓
	Minimum Illumination	0 Lux (With IR Illuminator)	
Lens	Lens Type	f:2.8mm, F:2.4	f:2.8mm, F:2.4
	Angle of View	110°	100°
	Pan & Tilt Angle	N/A	N/A
	IR Range	8m (26.2ft)	8m (26.2ft)
Connectivity	Ethernet	✓	✓
	WPS	✓	✓
	Wireless	IEEE 802.11b/g/n	
	Wireless Security	WEP, WPA, WPA2	
	P2P	✓	✓
	External I/O	N/A	N/A
	SD Card Slot	128G micro SD card	32G micro SD card
Software Features	Video Format	H.264	
	Multi-Stream	Dual streams	
	Motion Detection	✓	✓
	Scheduled Recording	✓	✓
	Built-in DDNS Server	✓	✓
	Browser Supported	IE; Chrome; Safari.	
	OS Supported	Windows, MAC, Android, iOS	
	Infrared Mode	Automatic or manual	
	Day/Night	✓	✓
	Firewall	Supports IP Filtering	
Audio	2-way Audio	✓	✓
	Built-in Microphone	✓	✓
	External Microphone Input	N/A	N/A
	Built-in Speaker	✓	✓
Physical and Environmental	Dimensions (mm)	70(L)x70(W)x120(H)	70(L)x70(W)x120(H)
	Power Adapter	5V/1A	
	Power Consumption	<4.8W	
	Operating Temper	-10°C ~ 50° (14°F ~ 122°F)	
	Operating Humidity	20% ~ 85% non-condensing	
Certification	IC, CE, RoHS, FCC, CCPSAA		
Other Features	PIR, Sound detection		
Warranty	Limited 2-year warranty		

Outdoor IP Cameras					
		F19901EP	F19900EP	F19900P	F19803P
Image Sensor	Sensor Type	1/2.7" CMOS	1/2.7" CMOS	1/2.7" CMOS	1/4" CMOS
	Display Resolution	4.0 Megapixels (2560x1440)	2.0 Megapixels (1920x1080)	2.0 Megapixels (1920x1080)	1.0 MegaPixels(1280x720)
	Frame Rate (Max.)	25fps	25fps	25fps	25fps(VGA) 23fps(720P)
	IR-cut	√	√	√	√
	Min. Illumination	0 Lux (With IR Illuminator)			
Lens	Lens Type	f:4mm, F:2.1	f:2.8mm,F:2.6	f:2.8mm,F:2.6	f:2.8mm, F:2.6
	Angle of View	75°	91°	91°	76°
	Pan & Tilt Angle	N/A	N/A	N/A	N/A
	Infrared Mode	Automatic or manual			
	IR Range	66 feet (20 meters)	66 feet (20 meters)	66 feet (20 meters)	66 feet (20 meters)
Connectivity	Ethernet	√	√	√	√
	Wireless	N/A	N/A	IEEE 802.11b/g/n	IEEE 802.11b/g/n
	Wireless Security	N/A	N/A	WEP, WPA, WPA2	WEP, WPA, WPA2
	P2P	√	√	√	√
	External I/O	N/A	N/A	N/A	N/A
	802.3af PoE	√	√	N/A	N/A
	SD Card Slot	Internal 128G micro SD card			N/A
	Power Adapter	12V/1A	12V/1A	12V/1A	12V/1A
Software Features	Video Format	H.264	H.264	H.264	H.264
	Multi Stream	Dual streams			
	Motion Detection	√	√	√	√
	Scheduled Recording	√	√	√	√
	Built-in DDNS Server	√	√	√	√
	Browser Supported	IE; Chrome; Safari			
	OS Supported	Windows, MAC, Android, iOS			
	Day/Night	√	√	√	√
	Firewall	Supports IP Filtering			
	User Accounts	Three levels user role			
Audio	2-way Audio	√	√	√	N/A
	Built-in Microphone	N/A	N/A	N/A	N/A
	External Microphone Input	√	√	√	N/A
	Built-in Speaker	N/A	N/A	N/A	N/A
	External Speaker Output	√	√	√	N/A
	Physical and Environmental	Waterproof	IP66	IP66	IP66
Dimensions (mm)		165(L)x67(W)x64 (H)			153(L)x 92(W)x 86(H)
Power Consumption		<5W	<5W	<5W	<4.2W
Operate Temper		-20°C ~ 60°C (-4°F ~ 140°F)			
Operate Humidity		10% ~ 80% non-condensing			
Certification		IC, CE, RoHS, FCC, IP66			
Warranty		Limited 2-year warranty			

Outdoor IP Cameras				
		F19928P	F19961EP	F19853EP
Image Sensor	Sensor Type	1/3" CMOS	1/2.7" CMOS	1/4" CMOS
	Display Resolution	2.0 Megapixels (1920x1280)		1.0 Megapixels (1280x720)
	Frame Rate (Max.)	25fps	30fps	30fps
	IR-cut	√	√	√
	Min. Illumination	0 Lux (With IR Illuminator)		
Lens	Lens Type	f:2.8mm~12mm, F:1.4	f:2.8mm, F=2.6	f:2.8mm, F=2.6
	Angle of View	45°~125°	76°	74°
	Pan & Tilt Angle	H=355°, V=90°	N/A	N/A
	Infrared Mode	Automatic or manual		
	IR Range	196 feet (60 meters)	66 feet (20 meters)	66 feet (20 meters)
Connectivity	Ethernet	√	√	√
	Wireless	IEEE 802.11b/g/n	N/A	N/A
	Wireless Security	WEP, WPA, WPA2	N/A	N/A
	P2P	√	√	√
	External I/O	√	N/A	N/A
	802.3af PoE	N/A	√	√
	SD Card Slot	External 128G micro SD card	Internal 128G micro SD card	N/A
	Power Adapter	12V/2A	12V/1A	12V/1A
Software Features	Video Format	H.264		
	Multi Stream	Dual streams		
	Motion Detection	√	√	√
	Scheduled Recording	√	√	√
	Built-in DDNS Server	√	√	√
	Browser Supported	IE; Chrome; Safari	IE; Safari; Chrome	IE; Safari; Chrome
	OS Supported	Windows, MAC, Android, iOS		
	Day/Night	√	√	√
	Firewall	Supports IP Filtering		
	User Accounts	Three levels user role		
Audio	2-way Audio	√	√	N/A
	Built-in Microphone	N/A	N/A	N/A
	External Microphone Input	√	√	N/A
	Built-in Speaker	N/A	N/A	N/A
	External Speaker Output	√	√	N/A
	Physical and Environmental	Waterproof	√	IP66
Dimensions (mm)		234(L)x209(W)x138(H)	112.5(L)x112.5(W)x88(H)	135(L)x135(W)x98(H)
Power Consumption		<10W	<4.5W	<4.2W
Operate Temper		-20°C ~ 60°C (-4°F ~ 140°F)		
Operate Humidity		20% ~ 85% non-condensing	10%~80% non-condensing	20% ~ 85% non-condensing
Certification		CE, FCC, RoHS	IC, CE, RoHS, FCC, IP66, IK10	IC CE, RoHS, FCC, IP66
Warranty		Limited 2-year warranty		



NVR Kits							
		FN3108XE-B4-1T		FN7108E-B4-2T		FN3104W-B4	
Video Input	IP Video Input	8 Channels HD IP camera				4 Channels HD IP camera input	
Video Output	HD Output	1×HD-Out					
	VGA Output	1×VGA					
	Display Resolution	1920 × 1080 /60Hz, 1280 × 720 /60Hz,1440 × 900 /60Hz,1024 × 768 /60Hz				1280x720/60Hz, 1280x1024/60Hz, 1280x720/50Hz, 1280x1024/50Hz	
Recording	Recording Resolution	720P per channel ( 8ch@720P )		1080P per channel (8ch@1080P)		720P per channel ( 4ch@720P )	
	Record Mode	Manual / Time Scheduled / Motion Detect					
	Compression Format	H.264					
Playback	Synchronous Playback	4 channel 720P synchronous video playback		4 channel 1080P synchronous video playback		4 channel 720P synchronous video playback	
	Playback Mode	Fast forward / Fast backward / Frame forward / Slow Play					
HDD	HDD	1TB security hard drive (pre-installed)		2TB security grade hard drive (pre-installed)		1TB security hard drive (pre-installed)	
	Capacity	Up to 4TB					
External Interface	Network Interface	1× 10/100 Mbps RJ45 port		1×10/100/1000 Mbps RJ45 port		1×10/100 Mbps RJ45 port	
	USB Interface	2×USB2.0 interface for mouse and external storage		1×USB2.0/1×USB3.0 interface for mouse and external storage		1×USB2.0 interface for mouse and external storage	
	Button	1× Power on/off button,1× Reset button					
Network	Wireless Standard	/				IEEE802.11b/g/n	
	Wireless Security	/				WEP, WPA, WPA2	
Software	Computer Operating System	Microsoft Windows XP, 7, 8, 8.1, 10, Mac OS					
	Internet Viewing	IE, Safari					
	Smart phone	iOS, Android, 3G/4G Smartphones					
Physical and Environmental	Power Supply	DC 19V/4.75A		DC 48V/1.87A		DC 12V/2A	
	Dimension(LxWxH)	234mm*234mm*52mm					
	Net Weight (g)	1200g		1450g		1100g	
Camera	Model	FI9800XE	FI9800E	FI9900E	FI9800W		
Image Sensor	Sensor Type	1/4" CMOS		1/2.7" CMOS		1/4" CMOS	
	Video Quality	720p (1280*720)		1080P (1920×1080)		720p (1280*720)	
	Wide Dynamic Range	√				/	
	Backlight Compensation	√					
Lens	Lens Type	f:2.8mm, F:1.2	f:4mm, F:2.0	f:2.8mm, F:1.2		f:4mm, F:2.0	
	IR Range	66 feet (20 meters)					
	Angle of View	75°	70°	90°		62°	
Software Features	Video Format	H.264					
	Multi-Stream	Dual streams					
	Motion Detection	√					
	UPnP	√				/	
Physical and Environmental	Day/Night	√					
	Waterproof	IP66					
	Net Weight	360g					
	Power	DC12V/1A					
	Power Consumption	<5W					
	Dimensions (LxWxH)	165(L)x67 (W)x64 (H)					
	Certification	IC, CE, RoHS, FCC, IP66					
Warranty	Limited 2-year warranty						

NVRs			
		FN3109H	
Video Input	IP Video Input	9-ch HD IP cameras input	
	Comptible Camera	Foscam HD and MJPEG IP Cameras and other brand ONVIF cameras	
Video Output	Decoding Resolution	1080P(1920x1080), 960P(1280 x 960), 720P(1280 x 720), VGA(640 x 480), VGA(1280 x 1080 640 x 360), QVGA(320 x 240)	
	VGA Output	1-ch, resolution: 1920 × 1080 , 1280 × 720 ,1440 × 900 ,1024 × 768	
	HD Output	1-ch, resolution: 1920 × 1080 , 1280 × 720 ,1440 × 900 ,1024 × 768	
Hard Disk	Type	One SATA interface for one 3.5 inch disk	
	Capacity	Up to 4TB, compatible with Seagate, Western Digital hard disk	
External Interface	Network	One 10/100 Mbps RJ45 port	
	USB	2 USB 2.0 interfaces for mouse and external storage	
	Video Output	One HD-Out, and one VGA	
	Power Input	One DC power supply jack	
	Button	One power on/off button, and one reset button	
	Alarm in/out	4 channel sensor inputs / 1 channel alarm output	
Software Features	Control Method	Mouse/Internet Browser	
	Display Switch	1-ch 1080P or 4-ch 720P/960P or 9-ch VGA display switch	
	Record Mode	Manual / Time Scheduled / Alarm Triggered / Motion Detect	
	Video Playback	1-ch 1080P or 4-ch 720P/960P, Fast forward / Rewind / Slow Play	
	PTZ	Supports Pan/Tilt/Zoom control, Optical Zoom supported	
	Camera Search/Management	Search camera in LAN, add camera and manage a camera list	
	Application support	Remote configuration, video browse, local recording, local and remote playback	
	Disk Management	Set the video coverage strategy, format disk	
	Motion Detection	Alarm area and schedule settings	
	User Accounts	User account management	
System Requirements	Operating System	Microsoft windows XP, 7, 8, 8.1, 10	
	Browser	IE or compatible browser;	
Power	Power Supply	12V/2A	
	Power Consumption	<12W (Without hard disks)	
Physical	Dimensions (mm)	220 × 209 × 40mm (L x W x H)	
	Net Weight	700g	
Environmental	Operating Temperature	-10°C ~ 50° (14°F ~ 122°F)	
	Operating Humidity	10% ~ 90% non-condensing	
	Storage Temperature	-20° ~ 60° C(-4°F ~ 140°F)	
	Storage Humidity	0% ~ 90% non-condensing	