

FOSCAM
— DIY Security —

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— DIY Security —



Home Network Video
Surveillance Leading Brand

2017 Product Brochure

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

Support E-mail: tech@foscam.com

Website: www.foscam.com

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

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About Foscam

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.

Our Mission

Dedicated to security technology, create a secure life.

Company Vision

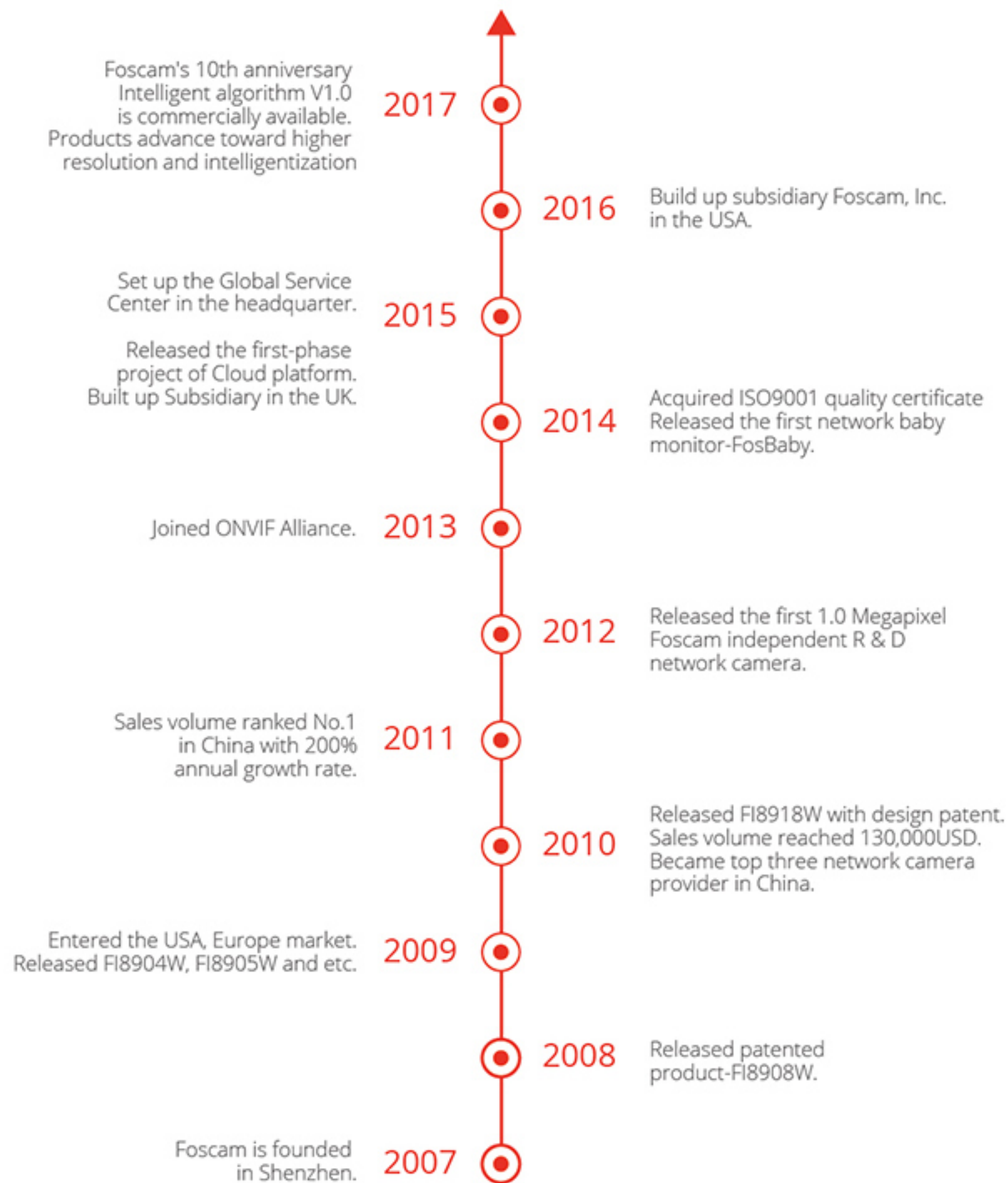
Become the world's top brand of intelligent security field.

Core Value

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



Foscam Milestone 2007-2017



Foscam Cloud Service

Foscam Cloud is a platform that makes your Foscam cameras even better with additional features and services. It lets video storage become more secure, easier and smarter compared to other storage options. All your alarm recordings can be accessible and you'll never miss an event.



Trusted by more than 1,250,000 users

One app for
multiple cameras



See your home
on the app



4.0MP IndoorPan/Tilt WirelessIP Camera

R4

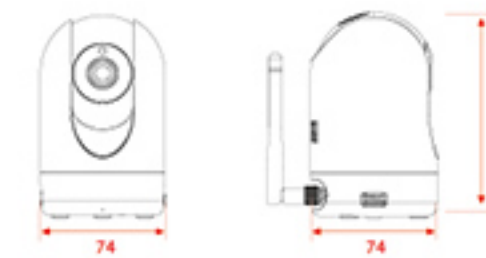


Key Features

- 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



Dimensions (Unit: mm)



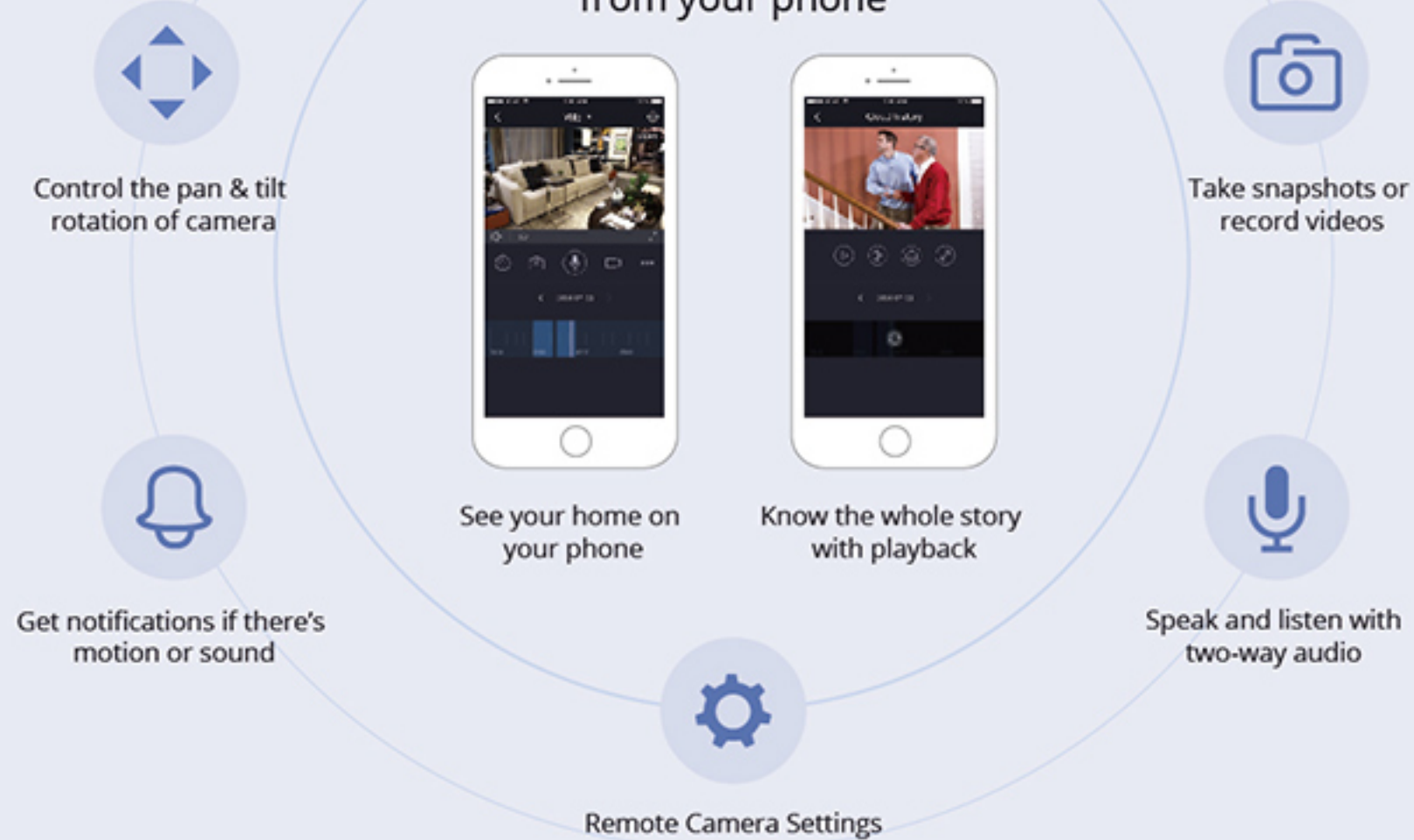
Monitoring Various Locations

House, small shops, school, warehouse



Foscam APP

Control your camera
from your phone

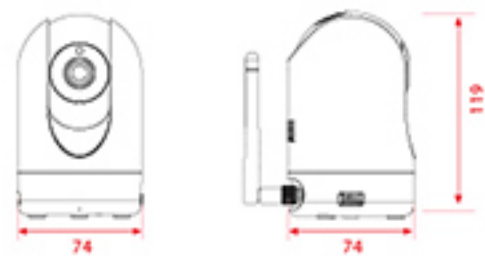


Indoor 1080P Full HD Wireless Pan/Tilt IP Camera

R2



Dimensions (Unit: mm)



Monitoring Various Locations
House, small shops, school, warehouse

View your space without blind spots

See more of your space with easy pan & tilt control from your phone. Super wide rotation range makes it convenient to trace the motions of kids or pets. Panoramic coverage ensure intruders have nowhere to hide.

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

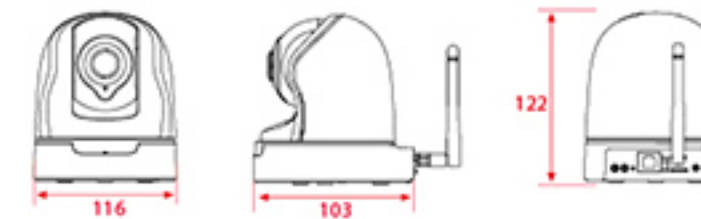


960P HD PnP 3X Optical Zoom Pan/Tilt Wireless IP Camera

FI9826P



Dimensions (Unit: mm)



Key Features

- 1.3 Megapixel HD Pan/Tilt/Zoom wireless IP camera
- H.264 video compression
- 3X optical zoom lens provides detailed view
- Day/Night surveillance, IR LEDs On/Off auto switch
- Plug & Play connection by simply scanning QR code
- Motion detection alerts push to email, FTP and mobile app
- Upload video recording to FTP
- Supports 32G micro SD card long-time recording
- Supports high quality two-way audio
- Compatible with Foscam video Management Software



Monitoring Various Locations

House, small shops, school, warehouse



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

Dimensions (Unit: mm)



720P HD PnP Wireless IP Camera

FI9821P



Monitoring Various Locations

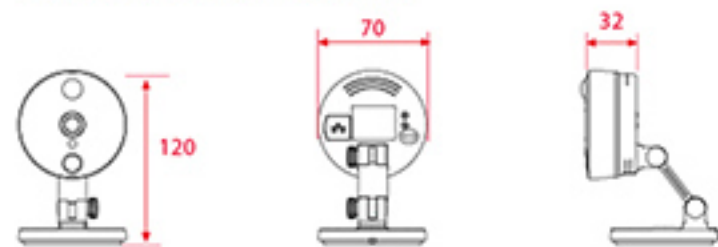
House, small shops, school, warehouse

2.0 Megapixel 1080P Full HD PIR Wireless IP Camera

C2



Dimensions (Unit: mm)



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 120° viewing angle
- 128GB Micro SD card & Foscam Cloud Storage



Monitoring Various Locations

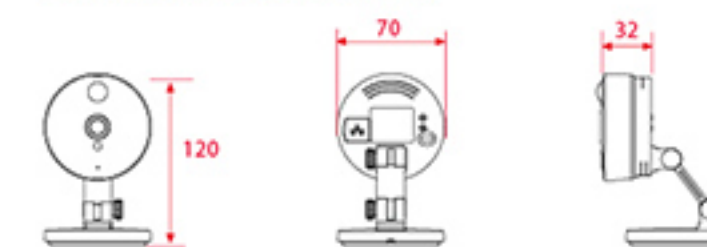
House, Garden, Factory, Shop, Office

720P HD Indoor PnP Wireless IP Camera

C1



Dimensions (Unit: mm)



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

PIR

Cutting-edge PIR technology, never being annoyed by false alerts

Advanced passive infrared detector can automatically detect warm-bodied targets in motion, which will avoid the false intrusion alerts significantly.



High-end Mic and Chip enable you to enjoy super two-way audio quality

Effectively reduce background noise and create a superior two-way audio continuity-- you can hear and be heard clearly with our camera even the background has too much noise.

120°

Sleek design with 120° field of view fits every corner of your home

You can easily mount it on the wall, put it onto table or stick it up onto ceiling. Always keep an eye on what matters most.

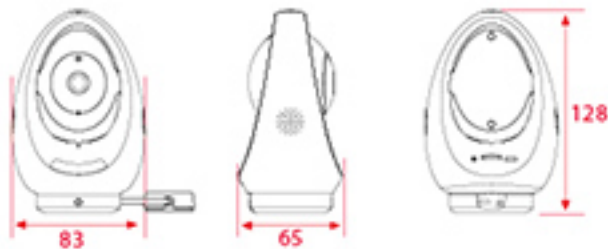


Born to care, your private baby-sitter

FosBaby P1



Dimensions (Unit: mm)



Trace the Motions of Baby with Pan & Tilt Control

Never miss any movement of your baby with pan: 320° and tilt: 110°. Wide viewing angle 100° ensures your baby's safety.



View Him/Her in the Dark

Excellent night vision with invisible IR-LEDs provides you clear image about your baby's sound sleep in the dark.



Offer the Best Environment for Him/Her

You can keep track of the latest environment condition around your baby by the temperature and humidity shown on the App. Always create the most comfortable environment for him/her.



See Every Detail in HD Image

With 720P high resolution image, you can see his/her crawling, turning over during sleep or the joyful face!



Key Features

- 1.0 Megapixel HD wireless baby monitor
- Infrared night vision up to 26 feet (8 meters) with invisible IR LEDs
- Motion, sound, temperature and humidity detection alerts push to FTP, Email and mobile app
- Supports two-way audio
- Compatible with free Foscam iOS and Android APP
- Supports playing lullabies, WAV format
- Supports Foscam Cloud, remote access baby monitor without port forwarding
- Remote pan&tilt control from your phone
- Supports 6X digital zoom

Monitoring Various Locations

House, Baby room

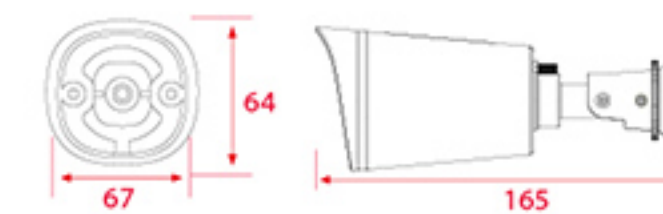


4.0 MP Outdoor IP66 Waterproof PoE IP Camera

FI9901EP



Dimensions (Unit: mm)



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



Monitoring Various Locations

House, Garden, Factory, Shop, Office



1080P FHD High-end Outdoor IP66 Mini Bullet Wireless IP Camera

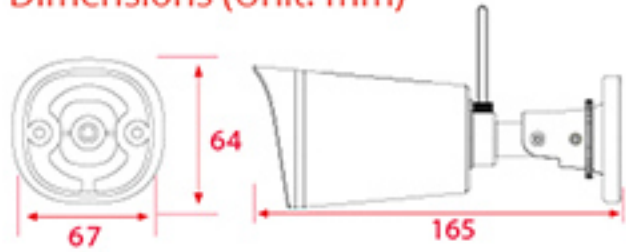
FI9900P/FI9900EP



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 IEEE 802.11n wireless connection(for FI9900P)
- Supports 6X digital zoom

Dimensions (Unit: mm)



Monitoring Various Locations

House, Garden, Factory, Shop, Office

720P HD Outdoor IP66 Waterproof Wireless Bullet IP Camera

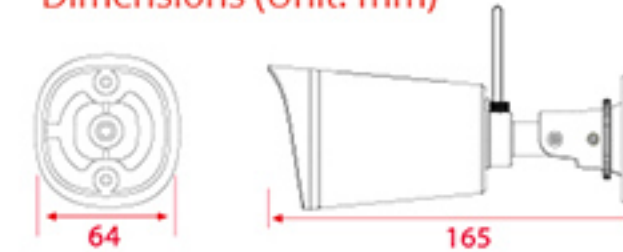
FI9800P



Key Features

- 1.0 Megapixel HD IP66 Waterproof IP Camera
- With 30pcs IR-LED, IR range up to 66 feet (20 meters)
- H.264 video Compression
- 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 IEEE 802.11n Wireless Connection
- Supports WEP, WPA and WPA2 Encryption
- Supports Two-way Audio
- Supports 6X digital zoom

Dimensions (Unit: mm)



Monitoring Various Locations

House, Garden, Factory, Shop, Office



Outdoor HD IP66 Waterproof Wired/Wireless IP Camera

FI9903P/FI9803P



Key Features

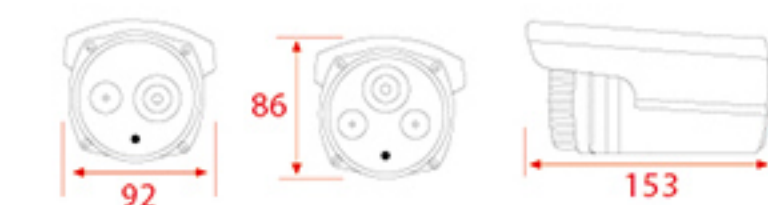
- 2.0 MP Full HD IP66 waterproof IP camera (1.0 megapixel for FI9803P)
- H.264 video compression
- Plug & Play connection by simply scanning QR code
- FI9803P series IR range up to 66 feet (20 meters), FI9903P up to 98 feet (30 meters)
- Motion detection alerts push to email, FTP and mobile app
- Compatible 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



Monitoring Various Locations

House, Garden, Factory, Shop, Office

Dimensions (Unit: mm)

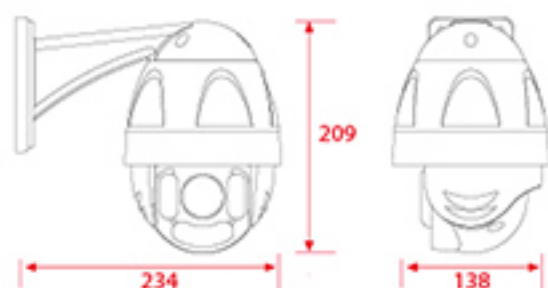


1080P Full HD Pan/Tilt/Zoom Wireless Starvis Dome Camera

FI9928P



Dimensions (Unit: mm)



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.

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 Foscarm 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

1080P FHD Vandal-proof PoE Dome IP Camera

FI9961EP



Dimensions (Unit: mm)



Professional IK10 vandal-proof rating

IK10 vandal-proof dome cover can withstand devastating impacts. Rest assured knowing that the camera is able to protect itself from vandalism while looking after your beloved ones and properties.

Motion detection triggers recording and alert push

Advanced algorithm can detect human motions automatically. If something happens, video recording is triggered immediately. Meanwhile, the real-time alerts about the event will be pushed to your email, FTP or mobile phone.

Multiple storage methods to retain crucial moments

Each storage method has its pros and cons. Therefore three options are provided for you to choose from, SD card, PoE NVR or Foscarm Cloud Service. Retain your crucial moments with the flexible storage choice.

Power Over Ethernet Technology

By using PoE technology, a single Ethernet cable connecting camera and NVR can provide both power and video transmission.

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 Foscarm 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

960P HD Pan/Tilt/Zoom Wireless Dome IP Camera

FI9828P



Key Features

- 1.3 Megapixel HD Pan/Tilt/Zoom wireless dome IP camera
- 3X optical zoom lens provide detailed view
- H.264 video compression
- Plug & Play connection by simply scanning QR code
- Horizontal 355°, Vertical 78° with no barrel distortion
- Day/Night surveillance, IR LEDs On/Off auto switch
- With 21pcs IR-LEDs, IR range up to 66 feet (20 meters)
- Motion detection alerts push to email, FTP and mobile app
- Compatible with free Foscam Video Management System
- Compatible with free Foscam iOS and Android APP

Dimensions (Unit: mm)



Monitoring Various Locations

House, Garden, Factory, Shop, Office

720P HD PnP Fixed Dome IP Camera

FI9853EP/FI9851P



Key Features

- 1.0 Megapixel HD waterproof IP camera
- H.264 video compression
- Plug & Play connection by simply scanning QR code
- FI9851P IR range up to 33 feet (10 meters), FI9853EP up to 66 feet (20 meters)
- Motion detection alerts push to email, FTP and mobile app
- IEEE 802.11n wireless connection for FI9851P, PoE connection for FI9853EP
- Compatible with free Foscam iOS and Android APP

Dimensions (Unit: mm)



Monitoring Various Locations

House, Factory, Shop, Office

1080P Professional PoE NVR Security System

FN7108E-B4-2T



Dimensions (Unit: mm)



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



720P Professional PoE NVR Security System

FN3108E-B4-1T



Key Features

- 8-channel live viewing, 4-channel synchronous playback
- 720P high definition images for day and night
- Standard PoE for easy wiring and small through-wall hole
- One click to access all cameras equipped in the system
- Access via Foscam NVR APP, browsers, or monitor
- Pre-installed 1TB 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
- HD-OUT: connect via HD cable to HDTV



Monitoring Various Locations

House, Garden, Factory, Shop, Office

Dimensions (Unit: mm)





720P WiFi NVR Security System

Enjoy all the advantages of wireless connection

FN3104W-B4



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.

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 or Firefox
- 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

Dimensions (Unit: mm)



720P HD Simplified PoE NVR Security System

FN3108XE-B4-1T



Dimensions (Unit: mm)



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

Key Features

- 4-ch/9-ch 720P/960P HD IP camera access
- H.264 main profile video compression
- Supports HD output and VGA local display
- 4-ch/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

Dimensions (Unit: mm)




4-channel/9-channel 720P/960P HD Network Video Recorder


FN3104H/FN3109H




Accessories



PoE Injector




Ethernet Cable




HD Out Connector



Waterproof Junction Box



PoE Switch



Extension Cord



Wireless Antenna




Power Adapter




Wall Mount for Bullet Camera


Home Security




Indoor (living room)
FI9826P/R2




Baby room
FosBaby P1



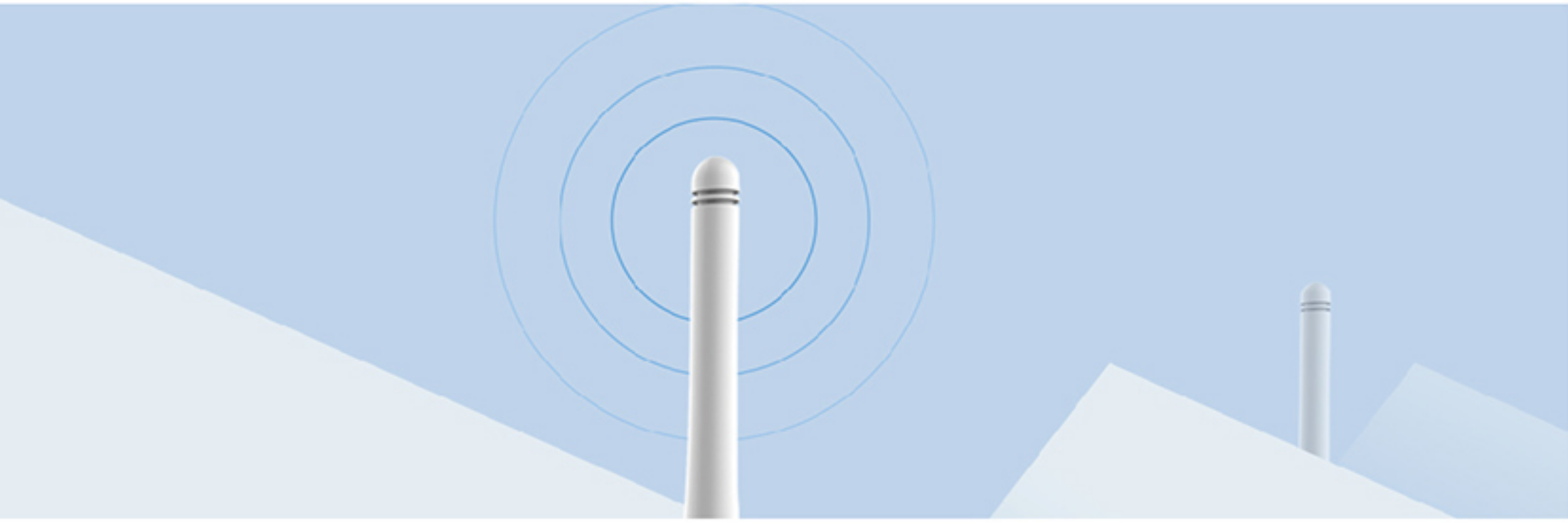
Garage
FI9800P/FI9900P/FI9903P




FN3104H




Corridor
FI9928P/FI9961EP







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.

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.

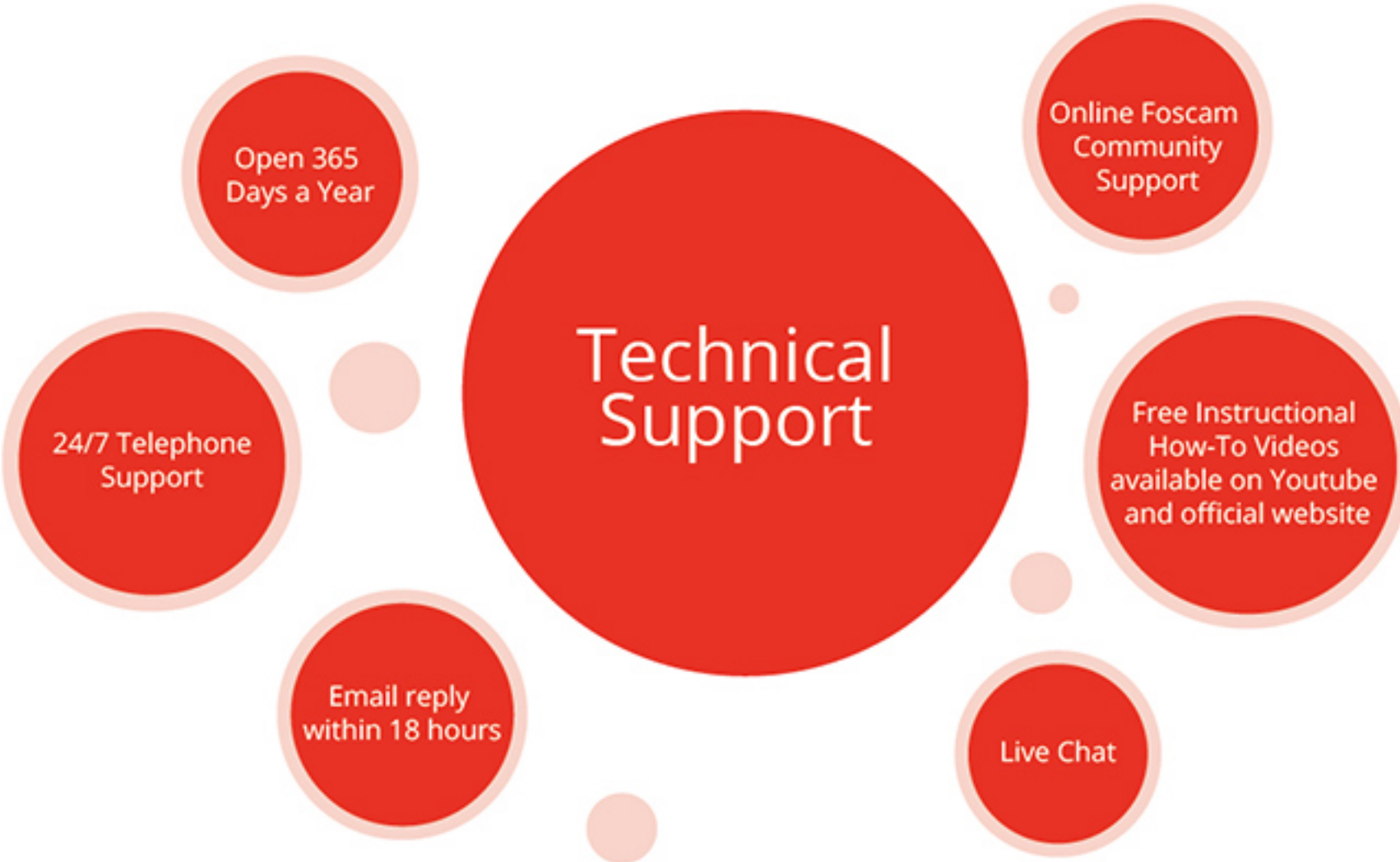


View your chain stores on one computer

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.



24/7 Technical Support










Foscam Call Center






Country	Telephone Number	Service Time	Service Language
U.S.A	1-844-344-1113	24/7	English
UK	0808 2349402	24/7	English
Canada	1866 703 7167	24/7	English
Australia	1800 790 501	24/7	English
Singapore	800 8523 721	24/7	English
Malaysia	1800 81 4282	24/7	English
Hongkong	+852 26300173	24/7	English









Email: tech@foscam.com

Indoor IP Cameras					
		R4	R2	FI9826P	FI9821P
Image Sensor	Sensor Type	1/3" CMOS	1/3" CMOS	1/3" CMOS	1/4" CMOS
	Display Resolution	4.0 Megapixels (2560x1440),	2.0 Megapixels (1920x1080)	1.3 Megapixels (1280x960) 1.0 Megapixels (1280x720)	1.0 MegaPixels (1280x720)
	Frame Rate (Max.)	25fps	25fps	30fps	30fps
	IR-cut	✓	✓	✓	✓
	Minimum Illumination	0 Lux (With IR Illuminator)			
Lens	Lens Type	f:4.0mm, F:2.1	f:2.8mm, F:2.4	f:3mm~10mm F:1.8	f:2.8mm, F:2.4
	Angle of View	75°	110°	40°-110°	75°
	Pan & Tilt Angle	H=300°, V=100°	H=300°, V=100°	H=300°, V=100°	H=300°, V=120°
	IR Range	8m (26.2ft)	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	N/A	N/A	N/A
	SD Card Slot	128G micro SD card	128G micro SD card	32G 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; Firefox; 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)	118(L)x103(W)x119(H)	117(L)x114(W)x129(H)
	Power Adapter	5V/2A			
	Power Consumption	<6W	<6W	<9W	<8.2W
	Operating Temper	-10°C ~ 55° (14°F ~ 131°F)	-10°C ~ 50° (14°F ~ 122°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	FosBaby P1
Image Sensor	Sensor Type	1/3" CMOS	1/4" CMOS	1/4" CMOS
	Display Resolution	2.0 MegaPixels (1920x1080)	1.0 Megapixels (1280x720)	1.0 Megapixels (1280x720)
	Frame Rate (Max.)	30fps	25fps VGA 23fps(720P)	30fps
	IR-cut	✓	✓	✓
	Minimum Illumination	0 Lux (With IR Illuminator)		
Lens	Lens Type	f:2.8mm, F:2.4	f:2.8mm, F:2.4	f:2.5mm F:1.8
	Angle of View	120°	115°	100°
	Pan & Tilt Angle	N/A	N/A	H=320°, V=110°
	IR Range	8m (26.2ft)	8m (26.2ft)	8m (26.2ft)
Connectivity	Ethernet	✓	✓	N/A
	WPS	✓	✓	✓
	Wireless	IEEE 802.11b/g/n		
	Wireless Security	WEP, WPA, WPA2		
	P2P	✓	✓	✓
	External I/O	N/A	N/A	N/A
	SD Card Slot	128G micro SD card	32G 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; Firefox; 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	N/A
	Built-in Speaker	✓	✓	✓
Physical and Environmental	Dimensions (mm)	70(L)x70(W)x120(H)	70(L)x70(W)x120(H)	83(L)x65(W)x128(H)
	Power Adapter	5V/1A	5V/1A	5V/2A
	Power Consumption	<4.8W	<3W	<9W
	Operating Temper	-10°C ~ 50° (14°F ~ 122°F)		
	Operating Humidity	20% ~ 85% non-condensing		
Other Features	IC, CE, RoHS, FCC, CCPSAA			Temperature detection, Humidity detection, Sound detection
Warranty		Limited 2-year warranty		

Outdoor IP Cameras						
		FI9901EP	FI9900P/EP	FI9800P	FI9903P	FI9803P
Image Sensor	Sensor Type	1/2.7" CMOS		1/4" CMOS	1/2.5" CMOS	1/4" CMOS
	Display Resolution	4.0 Megapixels (2560x1440)		1.0 MegaPixels (1280x720)	2.0 Megapixels (1920x1080)	1.0 MegaPixels (1280x720)
	Frame Rate (Max.)	25fps	25fps	25fps(VGA) 23fps(720P)	25fps	25fps(VGA) 23fps(720P)
	IR-cut	✓	✓	✓	✓	✓
	Min. Illumination	0 Lux (With IR Illuminator)				
Lens	Lens Type	f:4mm, F:2.1	f:4mm, F:2.0	f:2.8mm, F:2.0	f:4mm, F:1.6	f:2.8mm, F:2.0
	Angle of View	78°	118°	75°	75°	75°
	Pan & Tilt Angle	N/A	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)	98 feet (30 meters)	66 feet (20 meters)
Connectivity	Ethernet	✓	✓	✓	✓	✓
	Wireless	N/A	IEEE 802.11b/g/n	IEEE 802.11b/g/n	N/A	IEEE 802.11b/g/n
	Wireless Security	N/A	WEP, WPA, WPA2	WEP, WPA, WPA2	N/A	WEP, WPA, WPA2
	P2P	✓	✓	✓	✓	✓
	External I/O	N/A	N/A	N/A	N/A	N/A
	802.3af PoE	✓	N/A	N/A	N/A	N/A
	SD Card Slot	Internal 128G micro SD card		N/A	N/A	N/A
Software Features	Power Adapter	12V/1A	12V/1A	12V/1A	12V/1A	12V/1A
	Video Format	H.264	H.264	H.264	H.264	H.264
	Multi Stream	Dual streams				
	Motion Detection	✓	✓	✓	✓	✓
	Scheduled Recording	✓	✓	✓	✓	✓
	Built-in DDNS Server	✓	✓	✓	✓	✓
	Browser Supported	IE; Firefox; Chrome; Safari				
	OS Supported	Windows, MAC, Android, iOS				
	Day/Night	✓	✓	✓	✓	✓
	Firewall	Supports IP Filtering				
Audio	User Accounts	Three levels user role				
	2-way Audio	✓	✓	✓	N/A	N/A
	Built-in Microphone	N/A	N/A	N/A	N/A	N/A
	External Microphone Input	✓	✓	N/A	✓	N/A
	Built-in Speaker	N/A	N/A	N/A	N/A	N/A
	External Speaker Output	✓	✓	N/A	✓	N/A
Physical and Environmental	Waterproof	IP66	IP66	IP66	IP66	IP66
	Dimensions (mm)	165(L)x67(W)x64 (H)		165(L)x67(W)x64 (H)	153(L)x 92(W)x 86(H)	153(L)x 92(W)x 86(H)
	Power Consumption	<5W	<5W	<4.2W	<4.2W	<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						
		FI9928P	FI9961EP	FI9828P	FI9853EP	FI9851P
Image Sensor	Sensor Type	1/3" CMOS	1/2.7" CMOS	1/3" CMOS	1/4" CMOS	
	Display Resolution	2.0 Megapixels (1920x1280)		1.3 Megapixels (1280x960)	1.0 Megapixels (1280x720)	
	Frame Rate (Max.)	25fps	30fps	30fps	30fps	30fps
	IR-cut	✓	✓	✓	✓	✓
	Min. Illumination	0 Lux (With IR Illuminator)				
Lens	Lens Type	f:2.8mm-12mm, F:1.6	f:4mm, F=2.0	f:2.8mm-12mm, F:1.6	f:2.8mm, F=2.0	f:2.8mm, F=2.0
	Angle of View	125°	76°	75°(Max)	75°	75°
	Pan & Tilt Angle	40°~105° (Pan/Tilt angle: H=355°, V=90°)	N/A	H=355°,V=78°	N/A	N/A
	Infrared Mode	Automatic or manual				
	IR Range	196 feet (60 meters)	66 feet (20 meters)	66 feet (20 meters)	66 feet (20 meters)	33 feet (10 meters)
Connectivity	Ethernet	✓	✓	✓	✓	✓
	Wireless	IEEE 802.11b/g/n	N/A	IEEE 802.11b/g/n	N/A	IEEE 802.11b/g/n
	Wireless Security	WEP, WPA, WPA2	N/A	WEP, WPA, WPA2	N/A	WEP,WPA, WPA2
	P2P	✓	✓	✓	✓	✓
	External I/O	✓	N/A	✓	N/A	N/A
	802.3af PoE	N/A	✓	N/A	✓	N/A
	SD Card Slot	External 128G micro SD card	Internal 128G micro SD card	Internal 32G micro SD card	N/A	N/A
Software Features	Power Adapter	12V/2A	12V/1A	12V/2A	12V/1A	12V/1A
	Video Format	H.264				
	Multi Stream	Dual streams				
	Motion Detection	✓	✓	✓	✓	✓
	Scheduled Recording	✓	✓	✓	✓	✓
	Built-in DDNS Server	✓	✓	✓	✓	✓
	Browser Supported	IE; Firefox; Chrome; Safari	IE; Firefox; Safari; Chrome	IE; Firefox; Safari	IE; Firefox; Safari; Chrome	
	OS Supported	Windows, MAC, Android, iOS				
	Day/Night	✓	✓	✓	✓	✓
	Firewall	Supports IP Filtering				
Audio	User Accounts	Three levels user role				
	2-way Audio	✓	✓	✓	N/A	N/A
	Built-in Microphone	N/A	N/A	N/A	N/A	N/A
	External Microphone Input	✓	✓	✓	N/A	N/A
	Built-in Speaker	N/A	N/A	N/A	N/A	N/A
	External Speaker Output	✓	✓	✓	N/A	N/A
	Physical and Environmental	Waterproof	✓	IP66	✓	✓
Dimensions (mm)		234(L)x209(W)x138(H)	112.5(L)x112.5(W)x88(H)	240(L)x140(W)x160(H)	135(L)x135(W)x98(H)	93(L)x93(W)x82(H)
Power Consumption		<10W	<4.5W	<10W	<4.2W	<4.2W
Operate Temper		-20°C ~ 60°C (-4°F ~ 140°F)	-10°C~60°C (14°F~140°F)	-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, K10	IC CE, RoHS, FCC	IC CE, RoHS, FCC, IP66	CE, RoHS, FCC
Warranty		Limited 2-year warranty				

NVR Kits					
		FN3108XE-B4-1T	FN3108E-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	1xHD-Out			
	VGA Output	1xVGA			
	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, Firefox, 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°	75°	62°
Software Features	Video Format	H.264			
	Multi-Stream	Dual streams			
	Motion Detection	✓			
	UPnP	✓			/
	Day/Night	✓			
Physical and Environmental	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			
		FN3104H	FN3109H
Video Input	IP Video Input	4-ch HD IP cameras 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 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	