

180 degree fisheye IP Network Camera



Plug&Play Fisheye IP cameras

View on iPhone/iPad and Android

The IP Camera is a 5 mega sensor/3 mega pixels camera designed for all day video surveillance on your iPhone/iPad and Android mobiles/pads. The setup is truly 1-2-3 :

1. Connect the camera to the network
2. Download the app mCamView into your iPhone/iPad or Android
3. View video by the camera ID/password

The camera is a fisheye lens camera for 180 degree viewing angle. The video is corrected by the firmware to minimize the video distortion. You could see the video in full 180 degree view either in day time or night time with the help of 4 high power IR LEDs covering the 180 degree full range.

The camera is for outdoor usage, with the IP66 rated housing, the camera is totally dust and rain proof and suitable for operation under poor weather condition.

There are three options for the network connection, PoE, LTE/4G connection or WiFi connection. You can choose the models that meet your requirement best for the network connection. The PoE could work with LTE/4G or WiFi models, but the WiFi and LTE/4G could not in the same model.

The push notification is supported, so that you will get the notification from your iPhone/iPad and Android once there is any events detected through the motion detection or sound detection on the camera, even when your mobile is on sleep mode.

The SD card recording is supported, and you could playback the recorded video on your iPhone/iPad and Android. You could also do the SD card recording only when there is motion or sound detection to save the SD card storage size. The motion and sound detected recording has a 5 seconds pre-recording, so that you will always catch the critical moment.


The Time Lapse Recording is supported. The camera can do time lapse recording on the SD card and you can playback the recorded time lapse video on the mobile or tablet remotely, anywhere. This is more convenient than traditional time lapse camera which can only be played back by removing the SD card to a computer.

The ONVIF protocol is supported. You could record the video to standard NVR device. The supported ONVIF profiles are Profile S,T,G,Q.


The NAS and cloud storage is supported. You can record the video files into any normal NAS devices or to your Dropbox account. And you can playback those recorded video files remotely on your mobile devices or computers.

The IP camera is ideal for securing small businesses, home offices and residences. The IP Camera is a perfect replacement of the alarm system and traditional analog CCTV camera in your house and shop. .

Features

- 5 mega sensor
- 3 mega pixels for up to 2304x1296 resolution at 30 fps.
- PoE, LTE/4G network connection.
- Plug & play by ID/password, no IP address or DNS settings.
- IP66 rated housing
- H.264/H.265(HEVC) video compression 
- Day and night video with high power IR led.
- SD card video recording with 5 seconds of pre-recording..
- Time lapse video recording
- Triple video streaming on PC, mobile and SD card recording.
- Night mode control – support automatic, manual and scheduled modes.
- Connect up to 8 users simultaneously
- Bundle with free video management software CamView(Windows)/mCamView2(iOS/Android).
- Push notification on iPhone/iPad and Android for motion and sound detection.
- Email/ftp alarm message for motion and sound detection.
- Event scheduling.
- Video recording on NAS device.
- Cloud storage on Dropbox.
- Support ONVIF Profile S,T,G,Q
- Internal real time clock
- Watchdog function to prevent system failure.

Specifications

Models	180 degree fisheye IP Camera
Power	PoE or DC 12V, 1A
Processors	RISC CPU, hardware video processing and compression.
Network interface	Ethernet 10BaseT/100BaseTX, Auto-MDIX, RJ-45 PoE(Power over Ethernet) IEEE802.3af, optional
LTE/4G network	Support nano SIM card slot for LTE/4G connection. This is optional.
Housing	IP66 rated
Image sensor	RGB 5 Mega 1/2.7 inch CMOS Automatic exposure control, automatic white balance, automatic gain control, automatic brightness control. 0.2
Light sensitivity	Lux (IR LED off) 0 Lux (with 10 meters IR LED on) Automatically turn on the IR LED on low light environment.
IR LED	4 high power IR LEDs.
Lens	M12, 1.6 mm, F2.0, viewing angle- horizontal:180°, Fixed iris. focus range: 50 cm to infinity
Buttons	One reset button, to factory default settings
Indicators	One LED for Internet connection status indication One LED for Ethernet connection indication One LED for SD card recording indication
Video compression	H.264/H.265(HEVC), high profile 
Video streaming	Separate frame rate/resolution/bandwidth settings for PC and mobile.
Video settings	Resolution: (3 mega) 2304x1296, (FHD)1920x1080, 1280x720, 640x360 Bandwidth : 64k, 128k, 256k, 512k, 768k, 1M, 1.2M, 1.5M, 2M, 3M bps Frame rate : 1~5, 10, 15, 20, 25, 30 fps

Audio	Built-in microphone for audio monitoring Audio compression: G.711
Security	Web management username/password protection Video display ID/password protection
Installation, management and maintenance	Plug & play by ID/password. Video management software-CamView for video access and multi-camera management Firmware upgrades via FTP/SFTP/HTTP
Web browsing	Built-in web server for standard web browser access Video snapshot on any browser
Supported protocols	IPv4, HTTP, TCP, ICMP, RTSP, RTMP, RTP, UDP, RTCP, SMTP, SNTP, FTP, SFTP, DHCP, ARP, DNS, PPPoE, etc.
Accessories (included)	Bracket, power adaptor, RJ45 Ethernet cable, quick installation guide, ID/Password card.
Video management software	Surveillance software for viewing and archiving up to 36 cameras
Users	Up to 8 simultaneous unicast users (depends on video settings)
Alarm and event management	Events triggered by motion and sound detection Email/ftp alarm message Push notification on iPhone/iPad and Android devices.
Dimensions (HxWxD)	50 x 75 x 163 mm(no bracket),
Weight	377g(no bracket), 446g(with bracket)
Operating temperature	Starting Temperature: -20°C ~ 50°C (-4°F~122°F) Working Temperature: -30°C ~ 50°C (-22°F ~ 122°F)