

# 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.
- WiFi 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*

<b>Models</b>	180 degree fisheye IP Camera
<b>Power</b>	PoE or DC 12V, 1A
<b>Processors</b>	RISC CPU, hardware video processing and compression.
<b>Network interface</b>	Ethernet 10BaseT/100BaseTX, Auto-MDIX, RJ-45 PoE(Power over Ethernet) IEEE802.3af, optional
<b>Wireless interface</b>	2.4G Hz WiFi Range : 100 meters, line of sight This is optional.
<b>Housing</b>	IP66 rated
<b>Image sensor</b>	RGB 5 Mega 1/2.7 inch CMOS Automatic exposure control, automatic white balance, automatic gain control, automatic brightness control. 0.2
<b>Light sensitivity</b>	Lux ( IR LED off ) 0 Lux (with 10 meters IR LED on) Automatically turn on the IR LED on low light environment.
<b>IR LED</b>	4 high power IR LEDs.
<b>Lens</b>	M12, 1.6 mm, F2.0, viewing angle- horizontal:180°, Fixed iris. focus range: 50 cm to infinity
<b>Buttons</b>	One reset button, to factory default settings
<b>Indicators</b>	One LED for Internet connection status indication One LED for Ethernet connection indication One LED for SD card recording indication
<b>Video compression</b>	H.264/H.265(HEVC), high profile 
<b>Video streaming</b>	Separate frame rate/resolution/bandwidth settings for PC and mobile.
<b>Video settings</b>	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

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