

# Waterproof Starlight FHD IP Camera



## *PoE waterproof starlight IP cameras*

### *View on iPhone/iPad and Android*

The IP Camera is designed for all day/night 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 PoE(Power over Ethernet) is supported for the most stable network connection.

The camera is for waterproof/outdoor usage, with the IP67 rated housing, the camera is totally dust and rain proof and suitable for operation under poor weather condition.

For day & night usage, there is an IR cut on the camera, IR filter is on for day and off for night. The lens is wide angle up to 120 degree.

With the Starlight video sensor, the camera is able to see the video even when the environment is under very low light condition as 0.01lux.

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 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***

- Two mega pixel (Full HD) for up to 1920x1080 resolution at 30 fps.
- Starlight video sensor with minimum light of 0.01 lux.
- Plug & play by ID/password, no IP address or DNS settings.
- PoE (Power over Ethernet) supported.
- IP67 rated housing
- H.264/H.265(HEVC) video compression 
- Day and night video with high power IR led.
- Power through Ethernet cable for up to 50 meters.
- 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/mCamView2.
- 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.
- Internal real time clock
- Watchdog function to prevent system failure.

## ***Specifications***

<b>Models</b>	Waterproof Starlight FHD IP Camera
<b>Power</b>	PoE or DC 12V, 1.0A
<b>Processors</b>	RISC CPU, hardware video processing and compression.
<b>Network interface</b>	PoE (Power over Ethernet) supported
<b>Housing</b>	IP67 rated water proof
<b>Image sensor</b>	Sony iMX327 Two Mega 1/2.8 inch CMOS Automatic exposure control, automatic white balance, automatic gain control, automatic brightness control.
<b>Light sensitivity</b>	0.01 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>	20 IR LEDs.
<b>Lens</b>	M12, 2.8 mm, F2.0, viewing angle- horizontal:120°, 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), main profile
<b>Video streaming</b>	Separate frame rate/resolution/bandwidth settings for PC and mobile.
<b>Video settings</b>	Resolution: (Full HD)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>	Microphone connector for external microphone. 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/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, RTP, UDP, RTCP, SMTP, SNTP, FTP, DHCP, ARP, DNS, PPPoE, etc.
<b>Accessories (included)</b>	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) and weight</b>	90 x 120 x 120 mm, 449 g, camera body
<b>Operating temperature</b>	Starting Temperature: -20°C ~ 50°C (-4°F~122°F) Working Temperature: -30°C ~ 50°C (-22°F ~ 122°F)