All-in-one
Mega-pixel Pan/tilt
IP Network Camera

Plug&Play H.264 wireless IP cameras

View on iPhone/iPad and Android

The IP Camera is 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 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 PIR body sensor or sound detector on the camera, even when your mobile is on sleep mode.

The pan/tilt functions allow the mobile user to pan./tilt the camera through a

finger move on the mobile screen. You could monitor the whole room with a single camera.

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 PIR or sound detection to save the SD card storage size. The PIR and sound detected recording has a 5 seconds pre-recording, so that you will always catch the critical moment.

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.

For day & night usage, there are two video sensors/lens on the camera, one for day and one for night. The day lens and night lens focus are separately tuned for day light and Infra Red light for best video quality. No ICR, no mechanical problem.

Two-way audio is supported. You can monitor the synchronized video/audio and talk to or warn the people around the camera from your iPhone/iPad and Android once you got the push notification. There is a built-in speaker and a speaker jack is provided so that you could connect any high power speaker to the camera for your needs.

The WPS(WiFi Protected Setup) is supported. You could set up the WiFi connection of the camera with the router by clicking the WPS button on the camera and on the router at the same time. No more complicated WiFi configuration.

An infrared thermometer is provided. You could monitor the temperature of the environment of the camera. And you could setup the camera to trigger alarm when the environment temperature is out of a specified range.

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 baby monitor in your house and shop. .

Features

➢ Plug & play by ID/password, no IP address or DNS settings.
➢ H.264 video compression

- ➢ Mega-pixel for up to 1280x800 resolution at 30 fps.
- ➢ Pan/tilt control.
- ➢ Two sensors/lens for day and night separately.
- ➢ PIR body detection, effective distance – 7 meters.
- ➢ Two way audio.
- ➢ Infrared thermometer and temperature alarm control.
- ➢ SD card video recording with 5 seconds of pre-recording..
- ➢ 802.11 n wireless with WEP and WPA/WPA2 security support.
- ➢ WPS (WiFi Protected Setup) support.
- ➢ Triple video streaming on PC, mobile and SD card recording.
- ➢ Night mode control – support automatic, manual and scheduled modes.
- ➢ Connect up to 20 users simultaneously
- ➢ Bundle with free video management software CamView.
- ➢ Push notification on iPhone/iPad and Android for PIR, temperature and sound detection.
- ➢ Email/ftp alarm message for PIR 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

Models	Mega-pixel with Pan/tilt
Power	DC 12V, 1A
Processors	RISC CPU, hardware video processing and compression.
Network interface	Ethernet 10BaseT/100BaseTX, Auto-MDIX, RJ-45
Wireless interface	IEEE 802.11n 90 - 150 Mbps
	IEEE 802.11g 6 - 54 Mbps
	IEEE 802.11b 1 - 11 Mbps
	Transmit power: 14.5dBm typically @ 802.11g
	17.5dBm typically @ 802.11b
	Receiver sensitivity: 54Mbps: Typical -73dBm @ 10% PER
	11Mbps: Typical -86dBm @ 10% PER
	Antenna gain: 1.8 dBi
Pan/Tilt control	Pan viewing range 180° (-90° ~ 90°)
	Tilt viewing range 90° (0° ~ 90°)
Image sensor	RGB Mega 1/4 inch CMOS
	Day and night separate sensors
	Automatic exposure control, automatic white balance, automatic gain control, automatic brightness control.
PIR sensor	Effective distance – 7 meters
Infrared thermometer	Infrared
	Range: -40 ~ 115 °C, accuracy:+-0.5°C
	Field of view : 90 degree
Light sensitivity	0.2 Lux (IR LED off)
	0 Lux (with 10 meters IR LED on)
	Automatically turn on the IR LED on low light environment.
Lens	4.2 mm, F2.4, viewing angle: 62°, fixed iris.
	focus range: 30 cm to infinity
	Day and night separate lens
Buttons	One reset button, to factory default settings
	One WPS button for automatic WiFi setup
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, baseline profile level 3.1
Video streaming	Separate frame rate/resolution/bandwidth settings for PC and mobile.
Video settings	Resolution: (WXGA)1280x800, 1024x768, VGA(640x480), QVGA(320x240)
	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
	Built-in 0.5W speaker for alarm and half-duplex two-way audio.
	Speaker jack for external speaker
	Audio compression: G.711
Security	Web management username/password protection
	Video display ID/password protection
	WiFi WEP and WPA/WPA2 security mode
Installation, management and maintenance	Plug & play by ID/password.
	Video management software-CamView for video access and multi-camera management
	Firmware upgrades via FTP
Web browsing	Built-in web server for standard web browser access
	Video display on IE browser
	Video snapshot on any browser
Supported protocols	IPv4, HTTP, TCP, ICMP, RTSP, RTP, UDP, RTCP, SMTP, SNTP, FTP, DHCP, ARP, DNS, PPPoE, etc.
Accessories (included)	Power adaptor, RJ45 Ethernet cable, quick installation guide, CD with installation software and User's Manual, ID/Password card.
Video management software	Surveillance software for viewing and archiving up to 36 cameras
Users	Up to 20 simultaneous unicast users (depends on video settings)
Alarm and event management	Events triggered by PIR and sound detection
	Email/ftp alarm message

Push notification on iPhone/iPad and Android devices.

Dimensions (HxWxD)	124 x 91 x 100 mm,
and weight	350 g, camera body only
Approvals	EMC - CE, FCC Part 15 Subpart B Class B
	Wireless RF - CE, FCC Part 15 Subpart C
	Power supply: CE, FCC, UL, EN 60950
Operating conditions	0-50 °C
	Humidity 20 – 80% RH (non-condensing)