

Mak 96 MP

H.264 video compression.



Mak-96-MP Mega-pixel Network Camera is a high performance network camera With state-of-the-art H.264 video compression. The H.264 codec compress the mega-pixel high resolution 1280x800 images into a lower bandwidth video stream suitable for highest quality remote video surveillance.

The Mak-96-MP camera is designed with the "user-friendly" idea deep in mind. The users can install the Mak96-MP easily on his/her home network and immediately access the video anywhere in the world through management software, web portal and 3G mobile without setting some complicated DNS name or changing the router's settings. It's just a 1-2-3, plug & play action.

Free software are available for 3G mobiles running Windows Mobile 6 professional/ standard version or Android OS. And there are a free lite version and a full-featured version software for iPhone on Apple's App Store. No fixed IP address or port-mapping is needed for the IP camera. Only a simple 1-2-3 setup on the Mak-96-MP camera is enough to immediately access the video by the ID/password of the camera on the 3G mobile.

The most flexible video recording is provided on the Mak-96-MP camera. Users could record video to the Micro-SD card up to 16G bytes, record to the NAS storage device on the network or record to the computer with the free bundled management software. Full scheduling of the video recording is provided to satisfy all recording requirement. No more specific NVR or DVR devices are needed any more.

Additional features like motion detection triggered email/ftp alarm, built-in microphone for audio monitoring, centralized remote firmware upgrade, system enhancement by watchdog function and low light video sensitivity are provided on Mak-96-MP to further meet all the versatile application environments.

The Mak-96-MP IP camera with its extra high resolution, best bandwidth efficiency and easy for use is ideal for securing retail stores, buildings, schools, small businesses, home offices and residences over Internet for remote and local surveillance usage



Features

- Mega-pixel resolution 1280x800 at 30 fps.
- H.264 video codec.
- Plug & play access by ID/password.
- Free 3G mobile software for Windows Mobile and Android OS.
- A free and a full-featured iPhone. Software on Apple's App Store.
- Free 36 channel video management software accompanied.
- Dual video streaming with separate frame rate/resolution/bandwidth settings for PC and mobile.
- Connect up to 100 users simultaneously
- Micro-SD/SDHC interface for video recording (up to 32G bytes).
- Video recording to NAS devices.
- ActiveX video display on Microsoft IE browser.
- Motion Detection and E-mail/FTP notification
- Built-in Web server for managing via standard web browser.
- Built-in microphone for synchronized audio.
- Event scheduled recording and email/ftp alerting..
- Centralized remote firmware upgrade.
- Watchdog function to prevent system failure.

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Spec sheet

Power	DC 12V, 1A
Processor	RISC CPU, hardware video processing and compression.
Network interface	Ethernet 10BaseT/100BaseTX, Auto-MDIX, RJ-45
Image sensor	1/4 inch CMOS, progressive Automatic exposure control, automatic white balance, automatic gain control, automatic brightness control.
Light sensitivity	0.3 Lux
Lens	3.8 mm, F2.8, viewing angle: 62.2°, fixed iris.
focus range	30 cm to infinity
Micro-SD card interface	Micro-SD card interface for video recording Card capacity is up to 16Gb
Buttons	One reset button, to factory default settings One button for WPS (Wi-Fi Protected Setup) setup
Indicators	One LED for internet connection status indication One LED for Ethernet connection indication One LED for SD-Card access indication Enable/disable – web configurable
Video compression	H.264 baseline profile level 3.1 (ISO/IEC 14496-10)
Video streaming	Separate frame rate/resolution/bandwidth settings for pc and mobile.
Video settings	Resolution: WXGA(1280x800), 1024x768, VGA(640x480), QVGA(320x240), QQVGA(160x120)
Bandwidth	64k, 128k, 256k, 512k, 768k, 1M, 1.2M, 1.5M, 2M, 3Mbps
Frame rate	1,2,3,4,5, 10, 15, 20, 25, 30 fps
Frame rate	Up to 30 fps in all resolutions
Audio	Built-in microphone for audio monitoring
Audio compression	MPEG2 audio, AMR-NB for 3GPP/ISMA (RTSP streaming)
Security	Web management username/password protection video display ID/password protect Wi-Fi WEP and WPA security mode
Installation, management and maintenance	Installation tool on CD and Web-based configuration Automatic configuration backup and restore
Video mngt software	for video access and multi-camera management
Firmware upgrades	via FTP
Min Web browsing mngt software requirement	Built-in web server for standard web browser access Pentium 4(or equivalent AMD) CPU 1.0 GHz or higher, 1 GB RAM
Supported protocols	IPv4, HTTP, TCP, ICMP, RTSP, RTP, UDP, RTCP, SMTP, SNTP, FTP, DHCP, ARP, DNS, PPPoE, etc.
Accessories (included)	Power adaptor, camera bracket, RJ45 Ethernet cable, installation guide, CD with installation tool/software and User's Manual, ID/Password card, antenna.
Video management software Users	36 channel surveillance application software Up to 100 simultaneous unicast users (depends on video settings)
Alarm and event management	Events triggered by video motion detection Notification /upload of JPEG images over FTP and/or email
Dimensions and weight	125 x 75 x 35 mm, 250 g, incl. camera bracket, excl. power adaptor
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

*specifications are subject to change without prior notice

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