

Plug&Play ip camera series

Plug&Play MPEG4 IP cameras(option: wireless)



Features

- Easily access the camera from anywhere in the world via the ID/password (Through accompanied video management software, no complicated DNS settings needed)
- 3GPP/ISMA support
- Dual video streaming with separate frame rate/resolution/bandwidth settings for PC and mobile.
- 802.11 b/g wireless with WEP and WPA security support
- Connect up to 20 users simultaneously
- Supports enhanced MPEG-4 compression
- Supports resolution of up to 640x480 pixels at 30 fps.
- Free video management software CamView accompanied for easy access and multi-camera management.
- View video from your Wireless or wired Ethernet network
- View the video anywhere in the Internet and 3G phone.
- ActiveX video display in Microsoft IE browser.
- Motion Detection and E-mail/FTP notification
- Synchronize the system time through NTP protocol.

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- Built-in Web server for managing via standard web browser.
- Built-in microphone for synchronized audio.
- Event scheduling.
- NAS storage access.
- Online Firmware upgrade, will enter safe mode when power is off during critical firmware upgrade point.
- Watchdog function to prevent system failure.

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Specifications

Models	TX-IP2002(W)
Power	DC 5V, 1A
Processors	RISC CPU, hardware video processing and compression.
Network interface	Ethernet 10BaseT/100BaseTX, Auto-MDIX, RJ-45
Wireless interface	IEEE 802.11g 6 - 54 Mbps (2.4GHz) IEEE 802.11b 1 - 11 Mbps (2.4GHz) Transmit power: 14.5dBm typically @ 802.11g 17.5dBm typically @ 802.11b Receiver sensitivity: 54Mbps: Typical -73dBm @ 10% PER 11Mbps: Typical -86dBm @ 10% PER PER Antenna gain: 1.8 dBi
Image sensor	RGB VGA 1/4 inch CMOS Automatic exposure control, automatic white balance, automatic gain control, automatic brightness control.
Light sensitivity	0.2 Lux
Lens	3.2 mm, F2.0, viewing angle: 60.3°, fixed iris. focus range: 30 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 Enable/disable – web configurable
Video compression	MPEG-4 Part 2 (ISO/IEC 14496-2) with motion detection, profiles: Simple Profile, level 0-3
Frame rate	Up to 30 fps in all resolutions
Video streaming	MPEG-4 Separate frame rate/resolution/bandwidth settings for PC and mobile.
Video settings	Resolution: VGA(640x480), QVGA(320x240), QQVGA(160x120) Bandwidth : 64k, 128k, 256k, 512k, 768k, 1M, 1.2M, 1.5M bps Frame rate : 5, 10, 15, 20, 25, 30 fps
Audio	Built-in microphone for audio monitoring Audio compression: MPEG2 audio, AMR-NB for 3GPP/ISMA(RTSP streaming)

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Security		Web management username/password protection Video display ID/password protection WiFi WEP and WPA security mode
Installation, management and maintenance	and	Installation tool on CD and Web-based configuration Automatic configuration backup and restore Video management software-CamView for video access and multi-camera management Firmware upgrades via FTP
Minimum browsing management software requirements	Web and	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, quick installation guide, CD with installation tool/software and User's Manual, ID/Password card, antenna.
Video management software		Surveillance application for viewing and archiving up to 16 cameras
Users		Up to 20 simultaneous unicast users (depends on video settings)
Alarm and event management	and	Events triggered by video motion detection Notification/upload of JPEG images over FTP and/or email
Dimensions (HxWxD) and weight	and	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
Operating conditions		0-50 °C Humidity 20 - 80% RH (non-condensing)