

## *Plug&Play ip camera series*

### **Plug&Play MPEG4 wireless PAN/TILT IP cameras**



**Seeing and tracking from 3G**

- **Pan & Tilt control**
- **Receive motion alert**
- **Remote monitoring and Surveillance for home and office**

#### **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.
- Wide range Pan/tilt motion control.
- 802.11 b/g wireless with WEP and WPA security support
- Connect up to 20 users simultaneously
- Supports enhanced MPEG-4 compression

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- 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.
- Built-in Web server for managing via standard web browser.
- Built-in micro-SD card interface for video storage on SD card.
- 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**

<b>Models</b>	TX-IP5002W
<b>Power</b>	DC 5V, 2A
<b>Processors</b>	RISC CPU, hardware video processing and compression.
<b>Network interface</b>	Ethernet 10BaseT/100BaseTX, Auto-MDIX, RJ-45
<b>Wireless interface</b>	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
<b>Pan/Tilt control</b>	Pan range 130° ( -65° ~ 65° ) Tilt range 90° ( 0° ~ 90° ) Auto pan mode Auto patrol mode
<b>Image sensor</b>	RGB VGA 1/4 inch CMOS Automatic exposure control, automatic white balance, automatic gain control, automatic brightness control.
<b>Light sensitivity</b>	0.2 Lux
<b>Lens</b>	3.2 mm, F2.0, viewing angle: 60.3°, fixed iris. focus range: 30 cm to infinity
<b>D/I D/O interface</b>	1 D/I for alarm detection 1 D/O for alarm triggering
<b>Micro-SD card interface</b>	Micro-SD card interface for local video storage The supported Micro SD-Card capacity is up to 16G bytes.
<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 Enable/disable – web configurable
<b>Video compression</b>	MPEG-4 Part 2 (ISO/IEC 14496-2) with motion detection, profiles: Simple Profile, level 0-3
<b>Frame rate</b>	Up to 30 fps in all resolutions
<b>Video streaming</b>	MPEG-4 Separate frame rate/resolution/bandwidth settings for PC and mobile.

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<b>Video settings</b>	Resolution: VGA(640x480), QVGA(320x240), QQVGA(160x120) Bandwidth : 64k, 128k, 256k, 512k, 768k, 1M, 1.2M, 1.5M bps Frame rate : 1~5, 10, 15, 20, 25, 30 fps
<b>Audio</b>	Built-in microphone for audio monitoring Audio compression: MP2 audio, AMR-NB for 3GPP/ISMA(RTSP streaming)
<b>Security</b>	Web management username/password protection Video display ID/password protection WiFi WEP and WPA security mode
<b>Installation, management and maintenance</b>	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
<b>Minimum browsing management software requirements</b>	<b>Web and</b> Built-in web server for standard web browser access Pentium 4(or equivalent AMD) CPU 1.0 GHz or higher, 1 GB RAM
<b>Supported protocols</b>	IPv4, HTTP, TCP, ICMP, RTSP, RTP, UDP, RTCP, SMTP, SNMP, FTP, DHCP, ARP, DNS, PPPoE, etc.
<b>Accessories (included)</b>	Power adaptor, RJ45 ethernet cable, quick installation guide, CD with installation tool/software and User's Manual, ID/Password card.
<b>Video management software</b>	Surveillance application for viewing and archiving up to 16 cameras
<b>Users</b>	Up to 20 simultaneous unicast users (depends on video settings)
<b>Alarm and event management</b>	Events triggered by video motion detection Notification/upload of JPEG images over FTP and/or email
<b>Dimensions (HxWxD) and weight</b>	120 x 91 x 84 mm, 350 g, camera body only.
<b>Approvals</b>	EMC - CE, FCC Part 15 Subpart B Class B Wireless RF - CE, FCC Part 15 Subpart C Power supply: CE, FCC, UL, EN 60950
<b>Operating conditions</b>	0-50 °C Humidity 20 - 80% RH (non-condensing)