# TV-IP100W
## *Wireless Internet Camera Server*

TRENDnet's TV-IP100W Wireless Internet Camera Server is the perfect device for remote monitoring and transmitting real-time events over the Internet. With the flexibility of IEEE 802.11b and 10/100Mbps LAN connectivity, the TV-IP100W functions as a video/surveillance camera allowing you to view live events with your web browser via Internet or Intranet. This Internet Camera Server has VGA quality streaming video, automatic image capture, and event notification via e-mail, making it the ideal solution for Internet video broadcasting applications. Up to 4 cameras can be remotely managed with the bundled IPViewSE software.

## FEATURES

- Supports both ActiveX control for Internet Explorer and Java applet for Internet Explorer and Netscape Navigator
- Allows for remote access from web browser for live image viewing
- Supports TCP/IP networking, SMTP e-mail, HTTP and other Internet related protocols
- Supports in a mixed operating system environment such as Windows and Macintosh
- Supports web configuration with password protection
- Supports both 10/100Mbps Ethernet/Fast Ethernet and IEEE 802.11b 11Mbps wireless networks
- Powerful Windows IPViewSE Application Software for multiple cameras monitoring, image capturing, and video recording (Windows 98/ME/2000/XP)
- E-mail notification with captured images
- Broad range of applications for monitoring homes, offices, banks, hospitals, and a variety of private and public monitoring
- 3-Year Warranty

## BENEFITS

- **Integration Friendly:**
  Connects to 10/100Mbps, or IEEE 802.11b 11Mbps wireless network

- **Economical:**
  Built-in web server; does not require additional computer and software

- **Flexible:**
  Install it in local area network or connect it to Internet for remote monitoring

- **Performance:**
  Color 640x480 pixels resolution with up to 20fps video frame rate

## SPECIFICATIONS

### Wireless Specification
- Wireless Standard: IEEE 802.11b
- Data Rate: 1, 2, 5.5, 11 (Mbps)
- Module Technique: DSSS (Direct Sequence Spread Spectrum)
- Antenna: 2 dbi Female Reverse SMA connector
- Frequency: 2.4 ~ 2.4835Ghz (ISMB)
- Output Power: 17 dBm (typical)
- Receiving Sensitivity: 10-5 BER @ -84 dBm (11Mbps) min.
- Channels: 11 (US & Canada)
- Network Architecture: Ad-Hoc (peer-to-peer) or Infrastructure (with Access Point)
- WEP: Disable/64-bit/128-bit

### Physical / Environmental
- Dimensions: 130 x 70 x 35 mm (5 x 2.75 x 1.3 inches)
- Weight: 145 g (5 oz) without metal stand
- Stand Height: 65mm (2.6 inches)
- Temperature: Operating: 5°C ~ 40°C (41°F ~ 104°F)
- Storage: -25°C ~ 50°C (-13°F ~ 122°F)
- Humidity: 5% ~ 95% non-condensing
- EMI: FCC, CE, VCCI

### Camera Specification
- Resolution: 640 x 480 pixels
- Image Sensor: 1/3" color CMOS
- Gain / Exposure / White Balance Control: Automatic
- Focal Length: 6.0 mm
- Shutter: Electronics 1/60 ~ 1/15000 sec
- Aperture: F=1.8
- Signal/ Noise Ratio 57dBm
- Lens mounting: Fixed board lens

### System Hardware
- LAN Connector: RJ-45 10/100Mbps Auto-MDIX
- Wireless Connector: Male Reverse SMA Connector
- LED Indicator: Power, Activity
- Power Supply: DC 5V, 2.4A switching type
- Power Consumption: 6.5 Watts (1300mA x 5V)

### Communication Protocols
HTTP, FTP, TCP/IP, UDP, ARP, ICMP, BOOTP, RARP, DHCP, PPPoE, SMTP

### Image (Video Setting)
- Image Compression: JPEG
- Frame Rate: 20fps@SIF, 6pfs@VGA
- Compression Rate Selection: 5-level, (very low, low, medium, high, very high)
- Frame Rate Setting: 1, 5, 7, 15, 20, auto (depends on video format)
- Video Resolution: 320x240, 640x480
- Brightness Control/ Contrast Control/ Saturation Control: Yes
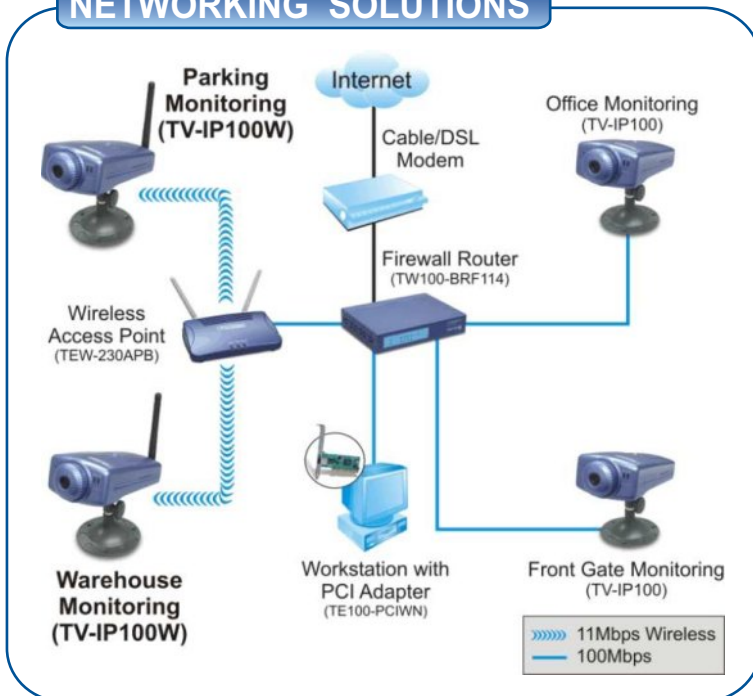
### Hardware Requirements (minimum)
- Pentium III, 450 Mhz or above
- Memory Size: 128M (256 Recommended)
- VGA card resolution: 800 x 600 or above

### Software Requirements
- Operating System: Windows 98, ME, 2000, XP, NT4.0, Mac OS 8 or above, Unix, or Linux
- Web Browser: Web Browser with Active X or Java enabled
- Remote Management Software (included): IP View , runs with Windows 98, ME, 2000, XP

## NETWORKING SOLUTIONS



## PRODUCT INFORMATION

- **TV-IP100:** Basic Internet Camera Server
- **TV-IP100W:** Basic Wireless Internet Camera Server
- **TV-IP200:** Internet Camera Server
- **TV-IP200W:** Wireless Internet Camera Server

## ORDERING INFORMATION

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