# TRENDNET®

## Internet Camera Server with Audio
### TV-IP201

TV-IP201 Internet Camera Server with Audio is the perfect device for remote monitoring and transmitting real-time events over the Internet. The TV-IP201 functions as a video/audio/surveillance camera allowing you to view live events with your web browser via Internet or Intranet. Up to 32 cameras can be remotely managed with the bundled IP View software. 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.

## FEATURES

- Supports M-JPEG Compression and Audio Monitoring

- Built-in RS-485 connectors for Pan & Tilt control device (additional Pan & Tilt control device required)

- Supports 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 and listening

- Supports TCP/IP networking, SMTP e-mail, HTTP and other Internet related protocols

- Supports Web Configuration with Password Protection

- Powerful Windows IPView  Application Software for multiple cameras monitoring, motion detection alerts, image capturing, and video recording (Windows 98/ME/2000/XP)

- Built-in I/O Ports to Trigger Alarm and Email Notification

- Broad Range of Applications for Monitoring Homes, Offices, Banks, Hospitals, and a Variety of Private and Public Monitoring

- 3-year limited warranty
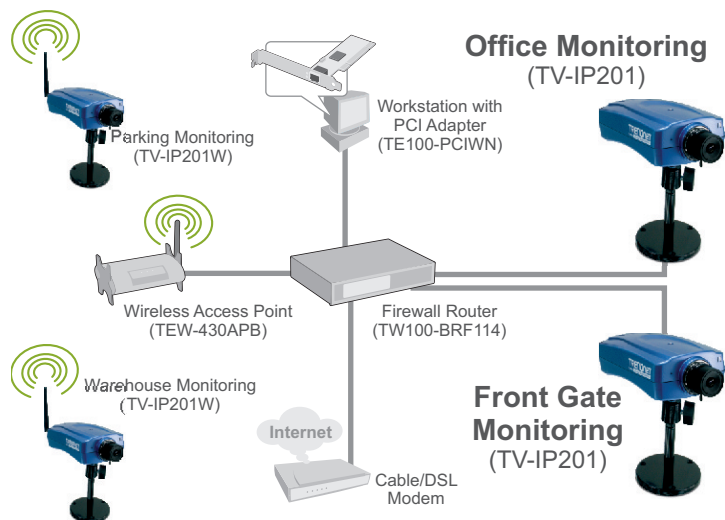
## SPECIFICATIONS

| Image Sensor | |
|---|---|
| Sensor | • ¼" Color CMOS Sensor |
| Resolution | • 640 x 480 pixel |
| Lens | • f :6.0mm F1.8 Lens (CS-Mount Standard, Replaceable) |
| Minimum Illumination | • On: 2.5 Lux |
| | • Off: 2.5 Lux |

| Audio | |
|---|---|
| MIC Input | • Internal MIC (mono) |
| Volume Control | • Adjustable |
| Compression | • ADPCM/PCM |

| Video/Image | |
|---|---|
| Display Standard | • 30fps@CIF, QVGA, VGA |
| Compression | • M-JPEG |
| Resolution / Light Frequency | • 176 x 144, 320 x 240, 640 x 480    • Outdoor/Indoor/50Hz/60Hz |
| Frame Rate Setting | • 1, 3, 7, 12, 15, 25, 30 (Depends on video format) |
| Mirror Function | • Vertical / Horizontal |
| Control | • Yes (Brightness/ Contrast/  Saturation/ Sharpness) |

| Communication | |
|---|---|
| LAN | • 10/100Mbps Auto-Sense, Auto-MDIX |
| Protocol | • HTTP, FTP, TCP/IP, UDP, ARP, ICMP, DHCP, PPPoE, DDNS, SMTP, UPnP |

| Software | |
|---|---|
| Browser | • Internet Explorer (5.0 or above) or Netscape Navigator (6.0 or above) |
| Application | • IPView Software and Active X Plug-In |
| Supported OS | • Windows 98SE, ME, 2000, XP, Vista |

| System | |
|---|---|
| CPU | • RDC1610 |
| RAM/Flash ROM | • 16MB/4MB |
| OS | • Linux |

| NO & Control | |
|---|---|
| Input | • 1 set, 2 pin (photo relay; Active High: 9~40V DC; Dropout: 0V DC) |
| Output | • 1 set, 2 pin (photo relay. Close circuit current: 70mA~100mA; 30Ohm. Open circuit voltage: 240V AC or 350V DC) |
| RS-485 | • Half Duplex (to control external pan/tilt device |

| Requirements | |
|---|---|
| Memory Size | • 512MB or above |
| | • Intel Celeron 1.1GHz or above (Pentium 4 Recommend) VGA card resolution: 800 x 600 or above |
| | Note: According to Engineer, to record 8 Cameras at the same time, will require at least P4 3.0GHz, 1GB RAM. |

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## TV-IP201

## SPECIFICATIONS

### Physical/Environmental

| | |
|---|---|
| **Dimension** | • 180 x 83 x 47 mm (7.1 x 3.3 x 1.9 in.) |
| **Weight** | • Camera: 247 g (8.7 oz.); Stand: 116 g (4.1 oz.) |
| **Stand Height** | • 128 mm (4.7 in.) |
| **Power** | • 5V DC, 2.5A External Adapter |
| **Consumption** | • 4.5 Watt max. |
| **Temperature** | • Operating: 5° C ~ 40° C (41° F ~ 104° F)        • Storage:  -25° C ~ 50° C (-13° F ~ 122° F) |
| **LED** | • Power: Blue     • Link/Active: Orange |
| **Humidity** | • 5% ~ 95% Non-Condensing |
| **Safety Emissions** | • CE, FCC |

## NETWORKING SOLUTIONS

**Office Monitoring**
(TV-IP201)

Parking Monitoring
(TV-IP201W)

Workstation with
PCI Adapter
(TE100-PCIWN)

Wireless Access Point
(TEW-430APB)

Firewall Router
(TW100-BRF114)

Warehouse Monitoring
(TV-IP201W)

**Front Gate Monitoring**
(TV-IP201)

Internet

Cable/DSL
Modem

## PACKAGE CONTENTS

• TV-IP201

• Utility CD-ROM

• Multi-Language Quick Installation Guide

• RJ-45 Ethernet Cable

• Power Adapter (5V DC 2.5A)

## RELATED PRODUCTS

| | |
|---|---|
| **TV-IP100** | Internet Camera Server |
| **TV-IP100W** | Wireless Internet Camera Server |
| **TV-IP201W** | Wireless Internet Camera Server with Audio |
| **TV-IP300** | Advanced Day/Night Internet Camera Server |
| **TV-IP300W** | Advanced Wireless Day/Night Internet Camera Server |

## ORDERING INFORMATION