



## TV-IP300

### *Advanced Day/Night Internet Camera Server*

TRENDnet's TV-IP300 Internet Camera Server is the perfect device for remote monitoring and transmitting real-time events over the Internet. The TV-IP300 functions as a video/audio/surveillance camera allowing you to view live events with your web browser via Internet or Intranet. Up to 4 cameras can be remotely managed with the bundled IPViewSP software. This Internet Camera Server has MPEG4 quality streaming video, automatic image capture, and event notification via e-mail, making it the ideal solution for Internet video broadcasting applications.



#### FEATURES

- Supports High Quality MPEG4 Compression
- Supports Day and Night Vision with IR Lens
- Supports Audio Monitoring and RS-485 Port for PAN & TILT Control
- Supports CCD Image Sensor and DC-Iris Control
- Supports DirectX 9.0 Control for Internet Explorer
- 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
- Powerful Windows IPView SP Application Software for multiple cameras monitoring, 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 Warranty

#### BENEFITS

- **Integration Friendly:**  
Connects to 10Mbps, 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 30 frames per second video frame rate



# TV-IP300

## Advanced Day/Night Internet Camera Server

### SPECIFICATIONS

#### Video Specification

Resolution: 512 x 480(NTSC), 512 x 576(PAL)

Image Sensor: Sharp 1/4" type CCD

Lens: Built-in f 6.0mm F1.8 IR Lens (CS-Mount Standard, Replaceable)

#### System Specifications

CPU: Philips Trimedia PNX1300 VLIW DSP

RAM/Flash ROM: 16Mbytes/2Mbytes

OS: Linux

#### I/O & Control

Generic Input: 1 set, 2 pin (photo coupler, 12V DC 50mA max)

Generic Output: 1 set, 2 pin (relay, 24V DC 1A/125V AC 0.5A)

RS-485: 2 pin (Half Duplex)

#### Physical Environment

Dimensions: 195x90x50 mm (7.7x3.5x2 inches)

Weight: 270 grams (9.5 oz)

Stand Height: 120 mm (4.7 inches)

Power: 12V DC, 1.5A External Adapter

Consumption: 7 watt ( 580mA x 12V), max

Humidity: 5% ~ 95% non-condensing

Temperature:

- Operating: 5°C ~ 40°C (41°F ~ 104°F)
- Storage: -25°C ~ 50°C (-13°F ~ 122°F)

LED:

- Power: Blue
- Link/Active: Red

Certifications: FCC, CE, VCCI Class B



#### Image (Video Settings)

Image Compression: MPEG4 short header mode compression

Frame Rate: 30fps@CIF(NTSC), 25fps@CIF(PAL)

Resolution: CIF(350x240NTSC, 352x288PAL) QCIF (176x120NTSC, 176x144PAL)

Video Format: NTSC: US Version, PAL: AU/EU/UK Version

Up/Down Reversal: Yes

Left/Right Reversal: Yes

Bit Rate Selection: 8 Levels

Quality Selection: 5 Levels

Max Frame Rate Selection: 9 Levels

Brightness Control: Yes

Contrast Control: Yes

Flicker Reduction: Yes

Saturation Control: Yes

Hue Control: Yes

Gain/Exposure/White Balanced Control: Automatic

Iris Level: Adjustable VR for Iris Control Adjustment

Motion Detection: Yes

#### Communication Protocols

LAN: 10/100Mbps Ethernet, Auto-Sensing

Protocol: HTTP, SMTP, FTP, Telnet, NTP

#### Hardware Requirements

Memory: 128M (256 Recommended)

System: Pentium III, 450 MHz or above

VGA Card Resolution: 800 x 600 or above

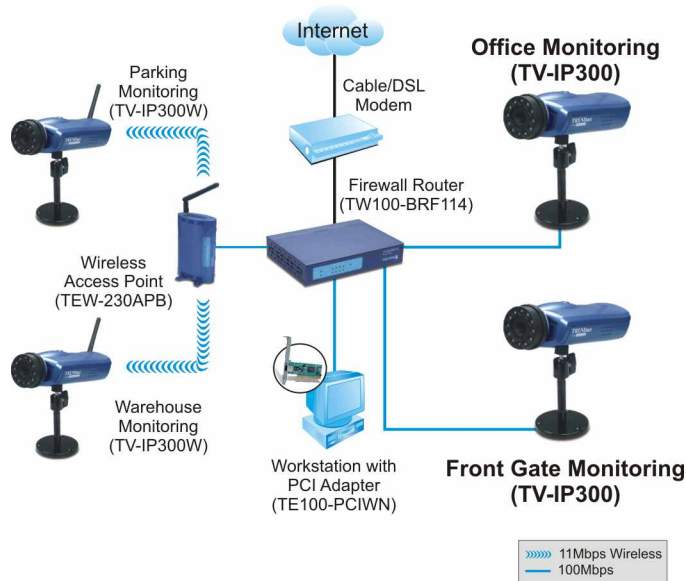
#### Software Requirements

Browser: IE 5.0 or above

Application: IPView SP Software

OS: Windows 98SE, ME, NT4, 2000, XP

### NETWORKING SOLUTIONS



### RELATED PRODUCT

→ TV-IP300:  
Advanced Day/Night Internet Camera Server

TPH-300:  
Outdoor Camera Housing

### ORDERING INFORMATION

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