



### **ProView Pan/Tilt/Zoom Internet Camera TV-IP600 (V1.0R)**

The ProView Pan/Tilt/Zoom Internet Camera provides real-time security surveillance over a large viewing area. Monitor people in your camera's viewing field from any Internet connection. See more with one Internet camera—remotely pan the camera side-to-side a remarkable 312 degrees and tilt up-and-down 115 degrees.

Manage up to 32 TRENDnet cameras with the included complimentary camera management software. Advanced features include motion detection recording, email alerts, scheduled recording sessions, auto-patrol pan/tilt and digital zoom. This camera's brilliant image quality, pan and tilt functionality and recording capabilities make it ideal for home, small office and business use.

## **FEATURES**

- 1x 10/100Mbps Fast Ethernet port
- MJPEG video compression at up to 30 frames per second
- Resolution up to VGA: 640 x 480 pixels
- Pan: -156° ~ +156° and tilt: -45° ~ +70°
- Define up to 24 preset viewing points
- 4x digital zoom
- Create up to 64 user accounts
- Full image color, saturation and contrast controls
- Exposure/white balance controls
- Flip-Image feature adjusts image when camera is mounted upside down
- Included wall and ceiling mounting hardware
- Supports TCP/IP networking, SMTP Email\*, HTTP and other Internet protocols
- Record streaming video to your computer or network storage devices (after mapping)
- Motion detection email alerts, ftp uploads and recording from complimentary software
- Quick Universal Plug and Play (UPnP) installation
- Complimentary IPView Pro 2.0 software: manage up to 32 cameras \*\*
- 3-year limited warranty

\* Does not support SSL

\*\* Monitoring multiple cameras may require a high performance CPU

## SPECIFICATIONS

### CAMERA

|                          |                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>General</b>           | <ul style="list-style-type: none"><li>• Sensor: 1/4" color CMOS SOC image sensor</li><li>• Resolution: 640 x 480 pixels</li><li>• Board Lens</li><li>• Focal Length: 4.57mm</li><li>• F/No: F1.9</li><li>• Minimum illumination: 1 Lux @ F1.9</li><li>• Focus depth: 20cm ~ infinity</li><li>• View angle: horizontal: 46 degree, vertical: 35 degree</li></ul> |
| <b>Image &amp; Video</b> | <ul style="list-style-type: none"><li>• Compression: MJPEG</li><li>• Exposure/white balance control: automatic</li><li>• Resolution: up to 15fps for VGA (640x480), 30fps for QVGA (320x240), 30fps for QQVGA (160x120)</li></ul>                                                                                                                               |
| <b>Pan/Tilt</b>          | <ul style="list-style-type: none"><li>• Pan: -156° ~ +156°</li><li>• Tilt: -45° ~ +70°</li><li>• Preset position: 24 positions</li></ul>                                                                                                                                                                                                                        |

### HARDWARE

|                          |                                                                                                                                       |
|--------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <b>Network</b>           | <ul style="list-style-type: none"><li>• IEEE 802.3u 10/100Mbps Fast Ethernet, Auto-MDIX</li></ul>                                     |
| <b>LED</b>               | <ul style="list-style-type: none"><li>• Power, Link</li></ul>                                                                         |
| <b>Reset Button</b>      | <ul style="list-style-type: none"><li>• Reset settings</li></ul>                                                                      |
| <b>Power Consumption</b> | <ul style="list-style-type: none"><li>• 8 watts</li></ul>                                                                             |
| <b>Power</b>             | <ul style="list-style-type: none"><li>• 5V, 2.5A external power adapter</li></ul>                                                     |
| <b>Dimension</b>         | <ul style="list-style-type: none"><li>• 112 x 112 x 110mm (4.4 x 4.4 x 4.3 in.)</li></ul>                                             |
| <b>Weight</b>            | <ul style="list-style-type: none"><li>• 450g (1lb)</li></ul>                                                                          |
| <b>Temperature</b>       | <ul style="list-style-type: none"><li>• Operating: 5°C ~ 40°C (41°F ~ 104°F)</li><li>• Storage: -25°C ~ 50°C (13°F ~ 122°F)</li></ul> |
| <b>Certification</b>     | <ul style="list-style-type: none"><li>• CE, FCC</li></ul>                                                                             |

### REQUIREMENT

|                          |                                                                                                                                                                                                                    |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>To View</b>           | <ul style="list-style-type: none"><li>• Internet Explorer 6.0 or above, Safari 2.0 or above, Firefox 2.0 or above, Opera, Netscape, and Google Chrome</li></ul>                                                    |
| <b>To Run Software</b>   | <ul style="list-style-type: none"><li>• Windows 7 (32/64-bit), Vista (32/64-bit), XP (32/64-bit)</li></ul>                                                                                                         |
| <b>IPView Pro 2.0</b>    | <ul style="list-style-type: none"><li>• Channel: supports up to 32 cameras</li><li>• Record/Playback/Motion Detection</li></ul>                                                                                    |
| <b>Network Protocols</b> | <ul style="list-style-type: none"><li>• IP, ARP, TCP, UDP, ICMP</li><li>• DHCP Client, NTP Client, DNS Client, DDNS Client, SMTP Client, FTP Client</li><li>• HTTP Server</li><li>• PPPoE</li><li>• UPnP</li></ul> |

### MANAGEMENT

|                         |                                                                                     |
|-------------------------|-------------------------------------------------------------------------------------|
| <b>Account</b>          | <ul style="list-style-type: none"><li>• Up to 64 user accounts*</li></ul>           |
| <b>Remote</b>           | <ul style="list-style-type: none"><li>• Remote management supported</li></ul>       |
| <b>Backup / Restore</b> | <ul style="list-style-type: none"><li>• Save/retrieve configuration files</li></ul> |

# ProView Pan/Tilt/Zoom Internet Camera

## TV-IP600 (V1.0R)

INTERNET  
CAMERA

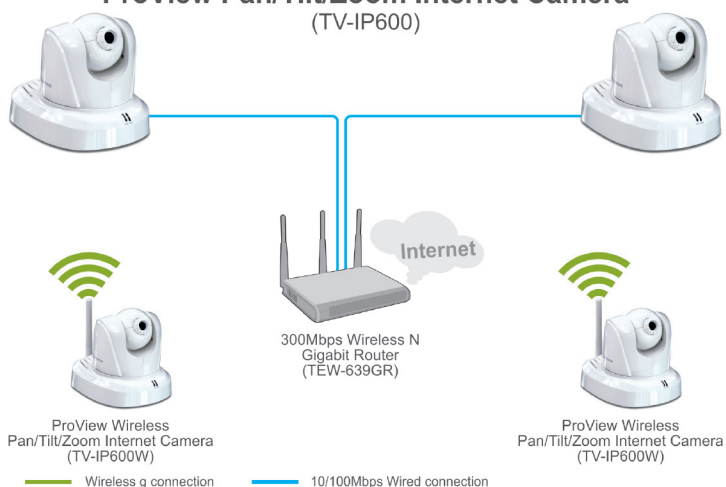
## SPECIFICATIONS

### SETTINGS

|                      |                                                                                                                                                                                                  |
|----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Image</b>         | <ul style="list-style-type: none"><li>Brightness, contrast, noise reduction, saturation, sharpness, white balance, flip, mirror (horizontal/vertical), black/white mode</li></ul>                |
| <b>Video</b>         | <ul style="list-style-type: none"><li>Encoding type: MJPEG</li><li>Resolution: 640 x 480, 320 x 240, 160 x 120</li><li>Frame rate: 1, 5, 7, 15, 20, Auto</li><li>Compression: 5 levels</li></ul> |
| <b>Recording</b>     | <ul style="list-style-type: none"><li>Recording type: continuous, schedule or motion detection with software</li></ul>                                                                           |
| <b>Port Settings</b> | <ul style="list-style-type: none"><li>HTTP port: 80 (default)</li></ul>                                                                                                                          |
| <b>Digital Zoom</b>  | <ul style="list-style-type: none"><li>4x</li></ul>                                                                                                                                               |
| <b>Dynamic DNS</b>   | <ul style="list-style-type: none"><li>Yes</li></ul>                                                                                                                                              |
| <b>Time</b>          | <ul style="list-style-type: none"><li>Synchronize with NTP server or set time/date manually</li></ul>                                                                                            |
| <b>SMTP</b>          | <ul style="list-style-type: none"><li>Support SMTP mail</li></ul>                                                                                                                                |

## NETWORKING SOLUTIONS

### ProView Pan/Tilt/Zoom Internet Camera (TV-IP600)



## PACKAGE CONTENTS

|                                         |
|-----------------------------------------|
| TV-IP600                                |
| CD-ROM (Utility & User's Guide)         |
| Multi-Language Quick Installation Guide |
| Cat. 5 Ethernet cable (1.5m / 5ft.)     |
| Power adapter (5V, 2.5A)                |
| Wall mount kit                          |

## RELATED PRODUCTS

|                   |                                           |
|-------------------|-------------------------------------------|
| <b>TWG-BRF114</b> | 4-Port Gigabit Firewall Router            |
| <b>TS-S402</b>    | 2-Bay SATA I/II Network Storage Enclosure |
| <b>TV-H400</b>    | Outdoor Camera Dome Enclosure             |

## CONTACT INFORMATION

**TRENDnet**

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