



## SecurView Wireless N Internet Camera TV-IP110WN(V1.0R)

The SecurView Wireless N Internet Camera (model TV-IP110WN) transmits real-time high quality video over the Internet. Manage your camera from any Internet connection.

Wireless n technology provides unsurpassed wireless coverage and improved streaming video quality. Add this camera to your wireless network at the touch of a button with Wi-Fi Protected Setup (WPS).

Manage up to 32 TRENDnet cameras with the included complimentary camera management software. Advanced features include motion detection recording, email alerts, scheduled recording sessions, MJPEG image compression, and digital zoom. A wall/ceiling mounting kit is included and the off-white camera housing blends into most environments

## FEATURES

- Wi-Fi compliant with IEEE 802.11n standard
- Backwards compatible with IEEE 802.11g and IEEE 802.11b devices
- One touch WPS connection button
- Power and activity LED indicators (can be disabled)
- 1 x 10/100Mbps Fast Ethernet port
- 1 x detachable antennas
- 3x digital zoom
- Dynamic DNS support
- High quality MJPEG video recording
- Support up to 640 x 480 pixels resolution at up to 30 frames per second
- Full screen video mode
- Images controls: Brightness, contrast, saturation and mirror (horizontally/vertical)
- Supports TCP/IP networking, SMTP Email\*, HTTP and other Internet protocols
- Record streaming video to your computer or Network Storage Server with software
- Supports 64/128-bit WEP, WPA-PSK and WPA2-PSK
- Two adjustable motion detection windows with just-in-time snapshot, triggered video recording, and email alerts
- Included mounting hardware
- Quick Universal Plug and Play (UPnP) installation
- Complimentary SecurView Pro software: manage up to 32 cameras \*\*
- 3-year limited warranty

\*Support SSL with complimentary software

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

# SecurView Wireless N Internet Camera

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## SPECIFICATIONS

Camera	
<b>General</b>	<ul style="list-style-type: none"><li>• Sensor: 1/4" color CMOS sensor</li><li>• Resolution: 640 x 480 pixels</li><li>Board Lens</li><li>• Focal Length: 4.6mm</li><li>• Aperature (F/No): F2.6</li><li>• Minimum illumination: 0.5 lux</li><li>• Diagonal Viewing angle: 60 degrees</li></ul>
<b>Image &amp; Video</b>	<ul style="list-style-type: none"><li>• Compression: MJPEG</li><li>• Exposure/white balance/Gain Control : automatic</li><li>• Resolution: up to 30fps for VGA (640x480), 30fps for QVGA (320x240), 30fps for QQVGA (160x120)</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/Act</li></ul>
<b>Reset Button</b>	<ul style="list-style-type: none"><li>• Restore to factory default</li></ul>
<b>Power Consumption</b>	<ul style="list-style-type: none"><li>• 6 Watts (max.)</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>• 70 x 100 x 57mm (2.7 x 3.9 x 3.0 in.)</li></ul>
<b>Weight</b>	<ul style="list-style-type: none"><li>• Camera: 155g (5.5 oz.)</li><li>• Stand: 135g (4.8 oz.)</li></ul>
<b>Temperature</b>	<ul style="list-style-type: none"><li>• Operating: 0°C ~ 45°C (32°F ~ 113°F)</li><li>• Storage: -15°C ~ 60°C (5°F ~ 140°F)</li></ul>
<b>Humidity</b>	<ul style="list-style-type: none"><li>• Max. 85% (non-condensing)</li></ul>
<b>Certifications</b>	<ul style="list-style-type: none"><li>• CE, FCC</li></ul>
Requirement	
<b>Management Interface</b>	<ul style="list-style-type: none"><li>• Internet Explorer 6.0 or above</li></ul>
<b>To Run SecurView Pro</b>	<ul style="list-style-type: none"><li>• Windows 7(32/64-bit), Vista(32/64-bit), XP(32/64-bit)</li></ul>
<b>SecurView Pro</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>• TCP/IP, UDP, ICMP, DHCP, NTP, DNS, DDNS, SMTP, FTP, HTTP, PPPoE and UPnP</li></ul>
Wireless	
<b>Standard</b>	<ul style="list-style-type: none"><li>• Based on IEEE 802.11n technology</li><li>• IEEE 802.11g/b compliant</li></ul>
<b>Frequency</b>	<ul style="list-style-type: none"><li>• 2.4 ~ 2.4835GHz</li></ul>
<b>Antenna</b>	<ul style="list-style-type: none"><li>• 1 x 2dBi dipole antenna (Reverse-SMA connector)</li></ul>
<b>Date Rate (Auto Fallback)</b>	<ul style="list-style-type: none"><li>• 802.11n: up to 150Mbps</li><li>• 802.11g: up to 54Mbps</li><li>• 802.11b: up to 11Mbps</li></ul>
<b>Security</b>	<ul style="list-style-type: none"><li>• 64/128-bit WEP, WPA/WPA2-PSK</li></ul>
<b>Output Power</b>	<ul style="list-style-type: none"><li>• 802.11n: 15 ±1 dBm</li><li>• 802.11b: 15 ± 1 dBm</li><li>• 802.11g: 18 ±1 dBm</li></ul>
<b>Receiving Sensitivity</b>	<ul style="list-style-type: none"><li>• 802.11n HT20: -67dBm</li><li>• 802.11n HT40: -64dBm</li><li>• 802.11g: -70dBm</li><li>• 802.11b: -87dBm</li></ul>
<b>Channels</b>	<ul style="list-style-type: none"><li>• 1~11 (FCC), 1~13(ETSI)</li></ul>
Management	
<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>
Settings	
<b>Image</b>	<ul style="list-style-type: none"><li>• Brightness, contrast, saturation, flip, mirror (horizontal/vertical)</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~ 30 fps</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>• 3x</li></ul>
<b>Dynamic DNS</b>	<ul style="list-style-type: none"><li>• Yes</li></ul>

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## SPECIFICATIONS

Settings	
Time	• Synchronize with NTP server or set time/date manually
SMTP	• SMTP mail supported up to 2 accounts
System log	• 100 items

## NETWORKING SOLUTIONS



## PACKAGE CONTENTS

TV-IP110WN
Multi-Language Quick Installation Guide
CD-ROM (Utility & User's Guide)
Camera Stand
Cat. 5 Ethernet cable (1.8 m / 6 ft.)
Power adapter (5V, 2.5A)

## RELATED PRODUCTS

<b>TV-IP121WN</b>	SecurView Wireless N Day/Night Internet Camera
<b>TV-IP312WN</b>	SecurView Wireless N Day/Night Internet Camera
<b>TV-IP410WN</b>	SecurView Wireless N Pan/Tilt/Zoom Internet Camera
<b>TV-IP422WN</b>	SecurView Wireless N Day/Night Pan/Tilt/Zoom Internet Camera

## CONTACT INFORMATION

**TRENDnet**

20675 Manhattan Place, Torrance, CA 90501 USA

Tel: 1-310-961-5500

Fax: 1-310-961-5511

Web: [www.trendnet.com](http://www.trendnet.com)

Email: [sales@trendnet.com](mailto:sales@trendnet.com)

**1-888-326-6061**

