



## SecurView Wireless N Day/Night Internet Camera TV-IP121WN(V1.0R)

The SecurView Wireless N Day/Night Internet Camera (model TV-IP121WN) 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).

See and hear people in your camera's viewing field in complete darkness for distances up to 5 meters (16 feet) from any Internet connection. 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 IP 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)
- Infrared lens enables night vision (up to 5 meters)
- Built-in microphone
- 1x 10/100Mbps Fast Ethernet port
- 1 x detachable antenna
- 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
- 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
- Supports 64/128-bit WEP and WPA/WPA2-PSK wireless encryption
- 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 Day/Night 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 lux</li><li>• Diagonal Viewing angle: 60 degrees</li></ul>
<b>Image &amp; Video</b>	<ul style="list-style-type: none"><li>• Built-in omni-directional microphone</li><li>• Sensitivity: -48dB +/- 3dB (5 meters max.)</li><li>• Frequency: 50~16000Hz</li><li>• Codec: PCM</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>

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## SPECIFICATIONS

### Settings

<b>Dynamic DNS</b>	• Yes
<b>Time</b>	• Synchronize with NTP server or set time/date manually
<b>SMTP</b>	• SMTP mail supported up to 2 accounts
<b>System log</b>	• 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-IP110WN</b>	SecurView Wireless N 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

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