SecurView Wireless N Day/Night Pan/Tilt/Zoom

Internet Camera
TV-IP422WN(V1.0R)

The SecurView Wireless N Day/Night Pan/Tilt/Zoom Internet Camera, model TV-IP422WN, provides day and night video monitoring over a large area. Pan the camera side-to-side a remarkable 330° and tilt up-and-down 105°.

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).

Infrared bulbs provide night vision for distances of up to five meters (16 feet) in complete darkness. A built-in microphone and optional speakers accommodate 2-way audio communications. Manage up to 32 SecurView cameras with the included complimentary camera management software. Advanced features include motion detection recording, email alerts, scheduled recording sessions, MPEG-4 / MJPEG image compression, 3GPP support, an optional USB port, preset Auto-Patrol, Input/Output ports, 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 802.11b/g/n networks

• 3 x digital zoom

• 1 x 10/100Mbps Fast Ethernet port

• 1 x Wi-Fi Protected Setup button

• 1 x USB port allows you to store still images directly to a USB flash drive*

• Pan 330° side-to-side and tilt 105° up-and-down from any Internet connection

• High quality MPEG-4 and MJPEG video recording with up to 30 frames per second

• Resolution up to 640 x 480 pixels resolution

• Power and activity LED indicators (can be disabled)

• Infrared night vision for up to 5 meters (16 feet)

• Dynamic DNS support

• Image control: brightness, contrast, saturation, and mirror (horizontally/vertical)

• Supports TCP/IP networking, SMTP Email, HTTP, Samba, and other Internet protocols

• Record streaming video to your computer and Network Storage Server

• Motion detection triggered email alerts and image upload via FTP

• Stream Internet camera video to a 3GPP compatible wireless device

• Supports 64/128-bit WEP and WPA/WPA2-PSK wireless encryption

• Hear and talk to people in your camera's viewing area through your computer

• Two adjustable motion detection windows with just-in-time snapshot

• Quick Universal Plug and Play installation

• Complimentary SecurView Pro software: manage up of up to 32 camera**

• 3-year limited warranty

*USB port supports up to 500mA power device with FAT16/32 format

**Monitoring multiple cameras may require a high performance CPU

SPECIFICATIONS

Camera	
General	• Sensor: 1/4" color CMOS sensor • Resolution: 640 x 480 pixels • Board Lens • Focal Length: 4.0mm • Aperature (F/No): F1.8 • Minimum illumination: 0.5 lux • Diagonal Viewing angle: 64 degrees
Pan & Tilt	• Pan: +165~-165 degree • Tilt: +90 ~ -15 degree • Preset positions: 8 positions
Image & Video	• Compression: MPEG-4/MJPEG dual streaming • Exposure/white balance/Gain Control : automatic • Resolution: up to 30ps for VGA (640x480), 30fps for QVGA (320x240), 30fps for QQVGA (160x120)
Audio	• Audio in: internal omni-directional microphone • Sensitivity: -48dB +/- 3dB • Frequency response: 50 ~ 16000Hz • Audio out: external output to active speaker (mono) • Echo Cancellation: hardware voice processor • Audio codec: PCM/AMR

Hardware	
Network	• IEEE 802.3u 10/100Mbps Fast Ethernet, Auto-MDIX
LED	• Power, Link/Act
Reset Button	• Restore to factory default
WPS Button	• Push button for Wi-Fi Protected Setup
Power Consumption	• 10 Watts (max.)
Power	• 12 V DC, 1.5 A external power adapter (3.5 mm plug)
Dimension	• 115 x 110 x 105 mm (4.53 x 4.33 x 4.13 in)
Weight	• 360 g (12.6 oz)
Temperature	• Operating: 0°C ~ 45°C (32°F ~ 113°F) • Storage: -15°C ~ 60°C (5°F ~ 140°F)
Humidity	• Max. 90% (non-condensing)
Certifications	• CE, FCC

Requirement	
Management Interface	• Internet Explorer 6.0 or above
To Run SecurView Pro	• Windows 7(32/64-bit), Vista(32/64-bit), XP(32/64-bit)
SecurView Pro	• Channel: supports up to 32 cameras • Record/Playback/Motion Detection
Network Protocols	• TCP/IP, UDP, ICMP, DHCP, NTP, DNS, DDNS, SMTP, FTP, HTTP, Samba, PPPoE, UPnP, Bonjour, RTP, RTSP, RTCP

Wireless	
Standard	• Based on IEEE 802.11n technology • IEEE 802.11g/b compliant
Frequency	• 2.4 ~ 2.4835GHz
Antenna	• 1 x 2dBi dipole antenna (Reverse-SMA connector)
Date Rate (Auto Fallback)	• 802.11n: up to 150Mbps • 802.11g: up to 54Mbps • 802.11b: up to 11Mbps
Security	• 64/128-bit WEP, WPA/WPA2-PSK
Output Power	• 802.11n: 15 $\pm$1 dBm • 802.11b: 15 $\pm$ 1 dBm • 802.11g: 18 $\pm$1 dBm
Receiving Sensitivity	• 802.11n HT20: -67dBm • 802.11n HT40: -64dBm • 802.11g: -70dBm • 802.11b: -87dBm
Channels	• 1~11 (FCC), 1~13(ETSI)

Management	
Remote	• Remote management supported
Backup / Restore	• Save/retrieve configuration files

Settings	
Image	• Brightness, sharpness, saturation, flip, mirror (horizontal/vertical)
Video	• Encoding type: MJPEG • Resolution: 640 x 480, 320 x 240, 160 x 120 • Frame rate: 1~ 30 fps • Compression: 5 levels
Recording	• Recording type: continuous, schedule or motion detection with software

SPECIFICATIONS

Settings	
Multi-Profile	• 3 profiles simultaneously
Port Settings	• HTTP port: 80 (default)
Digital Zoom	• 3x
Dynamic DNS	• Yes
Time	• Synchronize with NTP server or set time/date manually
SMTP	• SMTP mail supported up to 2 accounts with software
System log	• 100 entries (max.)

NETWORKING SOLUTIONS

PACKAGE CONTENTS

TV-IP422WN

Multi-Language Quick Installation Guide

CD-ROM (Utility & User's Guide)

Power adapter (12V DC, 1.5A)

Network cable (1.8 m/5.9 ft.)

Mounting stand

RELATED PRODUCTS

TV-IP121WN	SecurView Wireless N Day/Night Internet Camera
TV-IP312WN	SecurView Wireless N Day/Night Internet Camera
TV-IP110WN	SecurView Wireless N 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
Email: sales@trendnet.com
1-888-326-6061