



# Pro Series Wireless Network Camera

**MPEG4, CCD, Low Light, PAL**

**This full-featured, high-quality network camera covers security surveillance and video conferencing needs.**

**Model  
550178**

The INTELLINET NETWORK SOLUTIONS™ Pro Series Wireless Network Camera is designed for security surveillance applications and comes fully equipped with state-of-the-art features, setting it apart from other network cameras on the market today.

## **Wireless 802.11g and 100Base-TX**

Go wireless or wired, or both at the same time. Benefit from the extended distance of the integrated wireless Prism module. Supports 128-bit WEP encryption for wireless security. Connect a higher-gain antenna to extend the wireless transmission range.

## **Superior Video Quality**

Because the camera uses a CCD sensor, it provides sharp video images with dramatic lifelike color representation.

## **View Images in the Dark**

With low light sensitivity, the Pro Series Wireless Network Camera can be used to monitor and record video in rooms with minimal lighting, making it ideal to use at night.

## **Flexible Video Formats**

The camera supports MPEG4 as well as JPEG video formats, providing superior quality while continuing to support existing applications (the law in most countries only accepts JPEG video format as evidence in court). MPEG4, on the other hand, lets you transmit a larger amount of data over the same amount of bandwidth, while providing smooth and seamless viewing.

## **Bi-directional Audio Support**

Attaching a microphone and loudspeakers to the camera will allow you to listen and talk using the 2-way audio support. This is ideal for most security and surveillance applications, but can provide cost-effective video conferencing, as well.

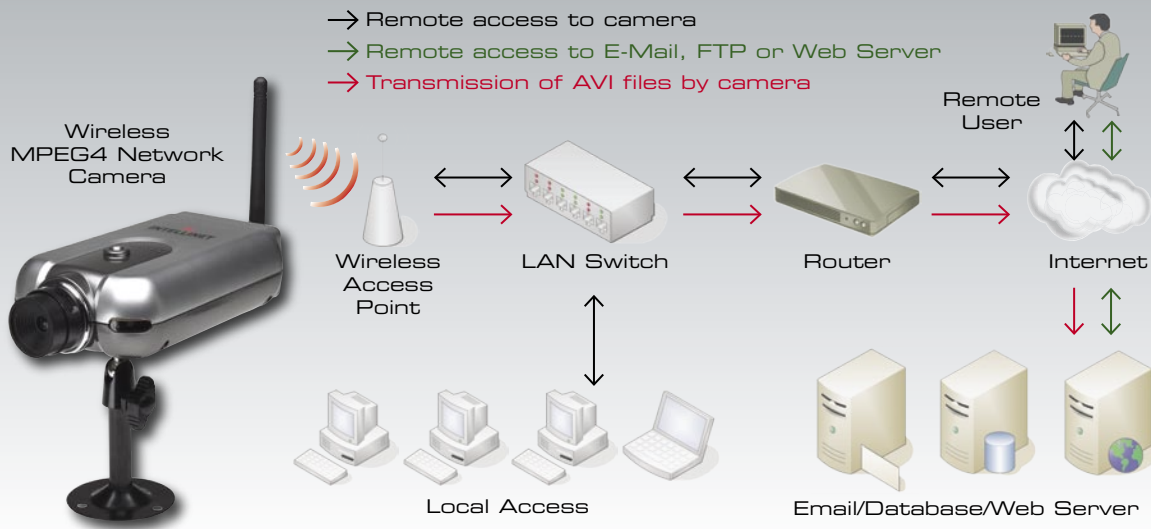
## **Power over Ethernet**

The Pro Series Wireless Network Camera supports the 802.3af standard, allowing it to be installed in locations where an AC power source is not readily available. Simply plug the camera into a PoE-compliant switch, and begin transmitting power as well as data over the Cat5e or Cat6 network cabling.

## **Lifetime Warranty**

Strict manufacturing standards ensure the highest quality in all INTELLINET NETWORK SOLUTIONS products. All items carry a full Lifetime Warranty — the strongest quality commitment anyone can make.





**LIFETIME WARRANTY**

**Model 550178**

**Features**

- 1/3" SONY Super HAD CCD image sensor for excellent image quality
- Up to 25 frames per second in all image resolutions
- Supports image resolutions up to 720 x 576 (D1)
- Supports 54 Mbps Wireless 802.11g with 128-bit WEP encryption
- Integrated motion detection with pre- and post-alarm image/video buffering
- Event-triggered FTP and email upload of still images and videos
- Audio support, full duplex, up to 3.4 kHz
- External microphone input connector
- External speaker output connector
- Terminal block for external sensors or external alarm devices
- Supports low light conditions, minimum 0.1 lux
- Supports MPEG4 streaming and Motion-JPG direct image access
- Supports MPEG4 video streaming with CBR (constant bit rate) and VBR (variable bit rate) modes
- Controllable frame rate
- Video access through any standard Web browser
- Supports IEEE 802.3af Power over Ethernet injectors, mid- and endspans
- Integrated HTTP Web server supporting 50 simultaneous user connections
- Integrated E-Mail, FTP, DDNS and DHCP client
- Extensive CGI API for software integration and remote programming operations
- Easy to use OCX for MS Visual Studio applications
- Including Windows-based IP Installer and Multi-Viewer software for up to four cameras
- Lifetime Warranty

**Specifications**

**STANDARDS**

- IEEE 802.11b (11 Mbps Wireless LAN)
- IEEE 802.11g (54 Mbps Wireless LAN)
- IEEE 802.3 (10Base-T Ethernet)
- IEEE 802.3u (100Base-TX Fast Ethernet)
- IEEE 802.3af (Power over Ethernet)

**GENERAL**

- 32-bit ARM9 RISC CPU
- 16-MB video frame buffer
- 8-MB flash memory
- 32-MB SDRAM
- Supported image resolutions: D1 (720 x 576), CIF (352 x 288)
- Audio support:
  - Full duplex
  - Bandwidth: 300 Hz to 3.4 kHz
  - Audio input: 3.5 mm / 1.8" microphone input jack
  - Audio output: 3.5 mm / 1.8" speaker output jack
- Protocols supported: TCP/IP, UDP, HTTP, FTP, SMTP, DHCP, DNS, ARP, ICMP, POP3, RTSP, RTC
- Certifications: FCC Class A, RF: EN300328, EMC: EN301489-1/-7, Safety: EN60950-1

**WIRELESS**

- Data rates:
  - IEEE 802.11b (11 Mbps, 5.5 Mbps, 2 Mbps, 1 Mbps)
  - IEEE 802.11g (54 Mbps, 48 Mbps, 36 Mbps, 24 Mbps, 18 Mbps, 12 Mbps, 9 Mbps, 6 Mbps)
- Antenna: single detachable dipole antenna with RP-SMA connector, 2 dBi gain
- Operation modes: Infrastructure, Ad Hoc
- Preamble modes: long, short, auto

**IMAGE SENSOR & LENS SPECIFICATION**

- 1/3" SONY Super HAD CCD sensor
- S/N ratio: > 48 dB
- Video output: 1.0 Vp-p (75 Ohms, composite)
- Automatic white balance control

- Image Control, Brightness, Contrast, Saturation, Hue
- 0.1 minimum lux
- Electronic shutter: 1/50 – 1/10,000 sec.
- Replaceable standard 1/3" CS mount lens
- Focal length 6.0 mm, angular field of view 54°, object distance 0.1 m to infinity
- Maximum relative aperture F1.8

**LEDs**

- Power
- Network connection
- Camera operation

**ENVIRONMENTAL**

- Dimensions: 87 (W) x 158 (L) x 45 (H) mm (3.4 x 6.2 x 1.8 in.)
- Weight: 1.1 kg (2.34 lbs.)
- Operating temperature: 0 – 50°C (32 – 122°F)
- Operating humidity: 10 – 95% RH, non-condensing
- Storage temperature: 0 – 60°C (0 – 149°F)

**POWER**

- External power adapter: 12 V DC, 1.5 A
- Power consumption: 3.0 Watts (maximum)

**SYSTEM REQUIREMENTS**

- Windows 2000, XP, Linux, Mac OS X
- Computer with network connection
- Web browser support:
  - MS Internet Explorer 5.0 or higher (ActiveX + Java)
  - Mozilla 1.x, Mozilla Firefox (Java)
  - Netscape Navigator 6.0 or higher (Java)
  - Opera (Java)
  - Safari (Java)
  - Konqueror (Java)

**PACKAGE CONTENTS**

- Pro Series Wireless Network Camera
- User manual
- External power adapter
- Software CD

For more information on INTELLINET NETWORK SOLUTIONS products, consult your local dealer or visit [www.intellinet-network.com](http://www.intellinet-network.com).



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