



Pro Series Digital PTZ Wireless Network Camera

MPEG4 + Motion-JPEG Dual Mode, 2.0 Megapixel CMOS, PAL/NTSC

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

Model
550482

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

Digital Pan/Tilt/Zoom

Take advantage of the megapixel image sensor and zoom in without loss of image quality — digital PTZ with no moving parts!

Excellent Video Quality

Because the Pro Series Network Camera uses a 2.0 megapixel progressive-scan CMOS sensor, it provides sharp video images with dramatic lifelike color representation.

SSL Encryption

Secure network connections using data encryption between the camera and the network client for additional data security.

Dual Mode: Simultaneous MPEG4 + Motion-JPEG Streaming

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

Wireless 802.11g and 100Base-TX

Go wireless or wired. The camera supports WEP, WPA and WPA2 encryption for wireless security, and you can connect a higher-gain antenna to extend the wireless transmission range.

Bi-Directional Audio Support

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

Power over Ethernet

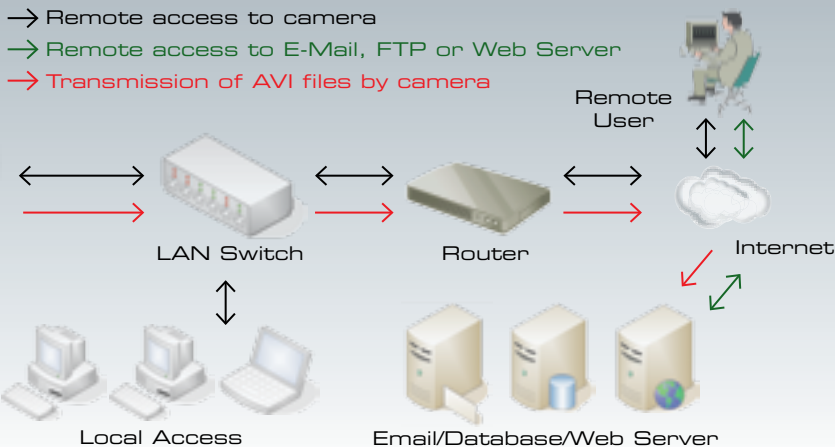
The Pro Series Network Camera supports the 802.3af standard, allowing it to be installed in locations where an AC power source is not readily available. Simply plug the camera into a PoE-compliant switch and begin transmitting power as well as data over the Cat5e or Cat6 network cabling.

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.



Digital PTZ
Wireless
Network
Camera



LIFETIME
WARRANTY

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Features

- 2.0 megapixel CMOS image sensor for crystal-clear images
- DigitalClarity CMOS imaging technology
- Up to 25 frames per second in all image resolutions
- Supports image resolutions up to 720 x 480 (D1)
- Digital Pan/Tilt/Zoom control via Web browser with 4.5x digital zoom
- Digital Pan/Tilt/Zoom with no moving parts; therefore, no wear & tear
- Supports 54 Mbps Wireless 802.11g with WEP, WPA & WPA2 encryption
- Audio support, full duplex, up to 3.4 kHz
- Supports simultaneous MPEG4 & Motion-JPEG image compression
- Supports MPEG4 video streaming with CBR (constant bit rate) & VBR (variable bit rate) modes
- Controllable frame rate
- Video access through any standard Web browser
- Additional administrator functions include disabling the camera LEDs during operation, disabling audio and/or video
- Supports IEEE 802.3af Power over Ethernet injectors, mid- & endspans
- External microphone input connector
- External speaker output connector
- Terminal block for external sensors or external alarm devices
- Integrated HTTP Web server supporting 50 simultaneous user connections
- Supports HTTPS encryption for enhanced security
- Integrated e-mail, FTP, DDNS and DHCP client
- Integrated motion detection with pre- & post-alarm image/video buffering
- Event-triggered FTP & e-mail upload of still images & videos
- Extensive HTTP API for software integration & remote programming operations
- Including Windows-based IP Installer & Multi-Viewer software for up to 4 cameras
- Lifetime Warranty

Specifications

STANDARDS

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

GENERAL

- 32-bit ARM9 RISC CPU
- 16 MByte video frame buffer
- Image buffer: 200 frames (CIF)
- 8 Mbyte flash memory
- 32 Mbyte SDRAM
- Supported image resolutions: D1 (720 x 480), VGA (640 x 480), QVGA (352 x 240)
- Video frame rate: max. 25 fps @ D1; 25 fps @ VGA; 25 fps @ CIF
- Audio support:
 - Full duplex
 - Bandwidth: 300 Hz – 3.4 kHz
 - Audio input: 3.5 mm / 1.8" mic input jack
 - Audio output: 3.5 mm / 1.8" speaker output jack
- Protocols supported: TCP/IP, UDP, HTTP, HTTPS, FTP, SMTP, DHCP, DNS, ARP, ICMP, RTSP, RTP
- Certifications: FCC Class B, 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)
- Data encryption: WEP (64-bit & 128-bit), WPA- and WPA2-PSK (with TKIP and AES authentication)
- Antenna: single detachable dipole antenna with RP-SMA connector, 2 dBi gain
- Operation modes: Infrastructure, Ad Hoc
- Preamble modes: long, short, auto

LEDs

- Power, network connection, camera operation

IMAGE SENSOR/LENS

- Micron 1/3.2" progressive-scan CMOS sensor
- 2.0 megapixel resolution (1,668 H x 1,248 V)
- S/N ratio: 42.3 dB (max.)
- Pixel size: 2.8 μ m x 2.8 μ m
- Shutter type: electronic rolling shutter (ERS)
- Automatic on-the-fly defect correction, exposure, white balance, black reference, flicker avoidance and color saturation
- Manual brightness, contrast, saturation, hue, sharpness control
- Manual white balance control
- Minimum illumination: 0.1 lux
- Focal length 6.0 mm, angular field of view 53°, object distance 1 m to infinity

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: 20 – 80% RH, non-condensing
- Storage temperature: 0 – 60°C (0 – 149°F)

POWER

- External power adapter: 12 V DC, 1.5 A
- Power consumption: 6.0 Watts (maximum)

SYSTEM REQUIREMENTS

- Windows 2000, XP, Linux, Vista, 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 Digital PTZ 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.


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