



# Wireless Network IP Camera

## PROFESSIONAL SERIES

**Ideal for Monitoring Buildings, Parking Lots, Schools, Stores and Other Locations When Running Network Cable is not Practical or Cost Effective.**

Go wireless or wired, or both at the same time! A Truly Revolutionary Device. Simply connect the Network IP Camera to any AC power source, configure it to connect to your wireless network, and start viewing from any PC on the network!

### **Wireless 802.11b 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 up to two high gain antennas to extend the wireless transmission range.

### **Quick & Easy 3-Step Setup**

Includes an IP Installer application that allows you to quickly find the camera on your network and assign it a new IP Address. The **Wireless Network IP Camera** will also automatically connect to any available Wireless Network.

### **Multiple Log-In**

Because the **Wireless Network IP Camera** supports up to 100 users simultaneously, it can be used in commercial applications that require several people to access the camera at the same time. A perfect example of this would be multiple security guard stations, or multiple sets of parents viewing their children in class or day care.

### **User Based Frame Rate Control**

Unlike SOHO based Network IP Cameras, this Professional Series camera allows you to prioritize users by determining who gets the most bandwidth allocated to them when multiple users are accessing the camera simultaneously.

### **Web-View Software**

View up to four cameras simultaneously using the Multi-Viewer software included with the camera. View the front lobby, parking lot, elevator bay, and roof access all at the same time from one screen.

### **Software Developer Support**

Extensive support is available for software developers who provide customized solutions to their clients. An API allows you to control the parameters of the Wireless Network IP Camera using customer built applications (Visual Basic, ASP, PHP, etc.). The support website includes documentation on Webview OCX and ActiveX, a list of supported video surveillance & recording software vendors, bandwidth requirement charts, access to live cameras for sample viewing, and more.

### **Motion Detection**

The built in sensor can detect motion, and can be configured to trigger an external alarm device, send an E-mail with an attached snapshot, upload images to an FTP server, turn off external devices (remove power from electronic door locks) or initiate recording through most third party video surveillance and recording software programs.

### **Lifetime Warranty**

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

**Model**  
550703





## Features

### ENHANCED 2.4 GHz 802.11b WIRELESS

Supports wireless connectivity allowing you to plug the camera into existing AC power sources (such as light poles, etc.) and getting on to the network without any additional wiring or cabling work.

### EMBEDDED OPERATING SYSTEM

Eliminates the need for dedicated personal computers or servers.

### BUILT-IN MOTION DETECTION, RECORDING & NOTIFICATION

Sends Automatic Security Alert E-mail, including a Before, During, & After Video History.

### MULTIPLE LOG IN

Support up to 100 Users Simultaneously

### FTP UPLOAD

Transmits Live Images to Any Web Page for Online Promotion

### IMAGE CAPTURE

Saves images on your PC (when using Microsoft Internet Explorer).

### ADVANCED VIDEO COMPRESSION

XviD Video compression ensures the best image quality small video file sizes (when saving video with Microsoft Internet Explorer).

### QUICK & EASY 3-STEP SETUP

The IP Installer Application lets you quickly find the camera on your network and assign a new IP Address. The Professional Network IP Camera will also automatically connect to any available Wireless Network.

### SIMULTANEOUS VIEWING

Includes a Multi-Viewer software utility that allows you to monitor up to four cameras at the same time. The advanced video compression produces a high-quality, high-frame rate, VGA, CIF video stream.

### INTEGRATED DDNS CLIENT

Utilize the free DYNDNS.ORG service in order to connect to your camera, even if you do not have a static IP Address assigned by your ISP (Internet Service Provider). This feature lets you set up a URL easily, that can be used to access the camera through the internet using any Web browser.

### CGI API FOR REMOTE PROGRAMMING

Control the parameters of the Professional Network IP Camera from within your own application (such as Web-based PHP, ASP, or VB applications).

### ACTIVEVEX OCX CONTROLS FOR VISUAL BASIC APPLICATIONS

Quickly develop customized Visual Basic Applications utilizing the Professional Network IP Camera's OXC control.

### DIRECT IMAGE ACCESS (<http://camera/jpg/image.jpg>)

for better compatibility to 3rd party video surveillance software.

### USER BASED FRAME RATE CONTROL

Reserve bandwidth for selected users (i.e. Power Users).

### SYNCHRONIZATION WITH NTP SERVERS

The Network IP Camera allows you to synchronize the time interval with NTP Servers, making it ideal for time critical applications.

### 6 PORT GPIO CONNECTOR

Supports connection to external sensors and can be used to power external devices

### STANDARD IMAGE FORMAT

The INTELLINET NETWORK SOLUTIONS Wireless Network IP Camera delivers complete, high-quality pictures in standard JPEG format, which can be viewed using any standard JAVA enabled Web browser.

## Specifications

### GENERAL

- Built in Web server
- Built-in motion detection
- Event-triggered e-mail notification
- 30 frames per second full motion video
- Up to 100 simultaneous users
- Power Over Ethernet Ready
- Password protected user access
- Input to trigger external events
- Configurations for image and security settings
- Firmware upgrade via Internet

### NETWORK

- Wireless 2.4 GHz 802.11b
- Wired 10 BaseT or 100 BaseT Fast Ethernet
- Removable Antennas (RP-SMA Connectors)
- Integrated HTTP Server and FTP client
- JAVA or ActiveX
- Protocols supported: TCP/IP, ARP, FTP, HTTP, PING (Option) POP3, SMTP, SNMP, MIBII, Proxy Agent, BOOTP, DHCP, DNS, Telnet, etc.
- Maximum Throughput: 6 Mbps

### SYSTEM REQUIREMENTS

- Windows 98, Me, 2000, XP, Linux, and Mac
- Internet Explorer 4.0 or higher
- Netscape Navigator 6.0 or higher
- Mozilla 1.x, Mozilla Firefox, Opera, Safari, or Camino

### IMAGE COMPRESSION

- Resolution: 640 x 480, 320 x 240, 160 x 120
- 10 levels of JPEG image compression
- XviD Video Compression when recording via Microsoft Internet Explorer
- Compression: High 80:1, Low 3:1

### HARDWARE

- 32 bit RISC CPU with network enhancement
- 384 kByte video frame buffer
- 2 mByte flash memory
- 8 mByte SDRAM
- Serial port for direct access via hyperterminal
- 12 V Power supply included
- Output of 12 V to power external devices, max 150 mA

### IMAGE SENSOR AND LENS SPECIFICATION

- 1/3" CMOS lens
- 326,668 pixels, 24-bit color, YUV digital output
- Automatic exposure/gain/white balance control
- 2.5 minimum Lux
- Image control, brightness, contrast, saturation, hue, exposure, sharpness
- 664 x 492 pixel array elements
- Electronic shutter: 1/30 s ~ 1/15734 s
- Backlight compensation
- Replaceable standard CS mount lens
- Focal length 6.0 mm
- Angular field of view 54 degrees
- Object distance 0.1 m to infinity
- Maximum relative aperture f1.8

### I/O CONNECTOR

- D-sub 9 pin RS-232 connector
- 1 input to trigger the camera on external events
- 1 output of 12 V to signal external devices, max 250 mA

### OPERATING TEMPERATURE

- 0-50°C / 32-122°F

### APPROVALS

- EMC: FCC Class A, CE EN55022/1994, EN61000-3-2 & 3: 1995, EN50082-1: 1997

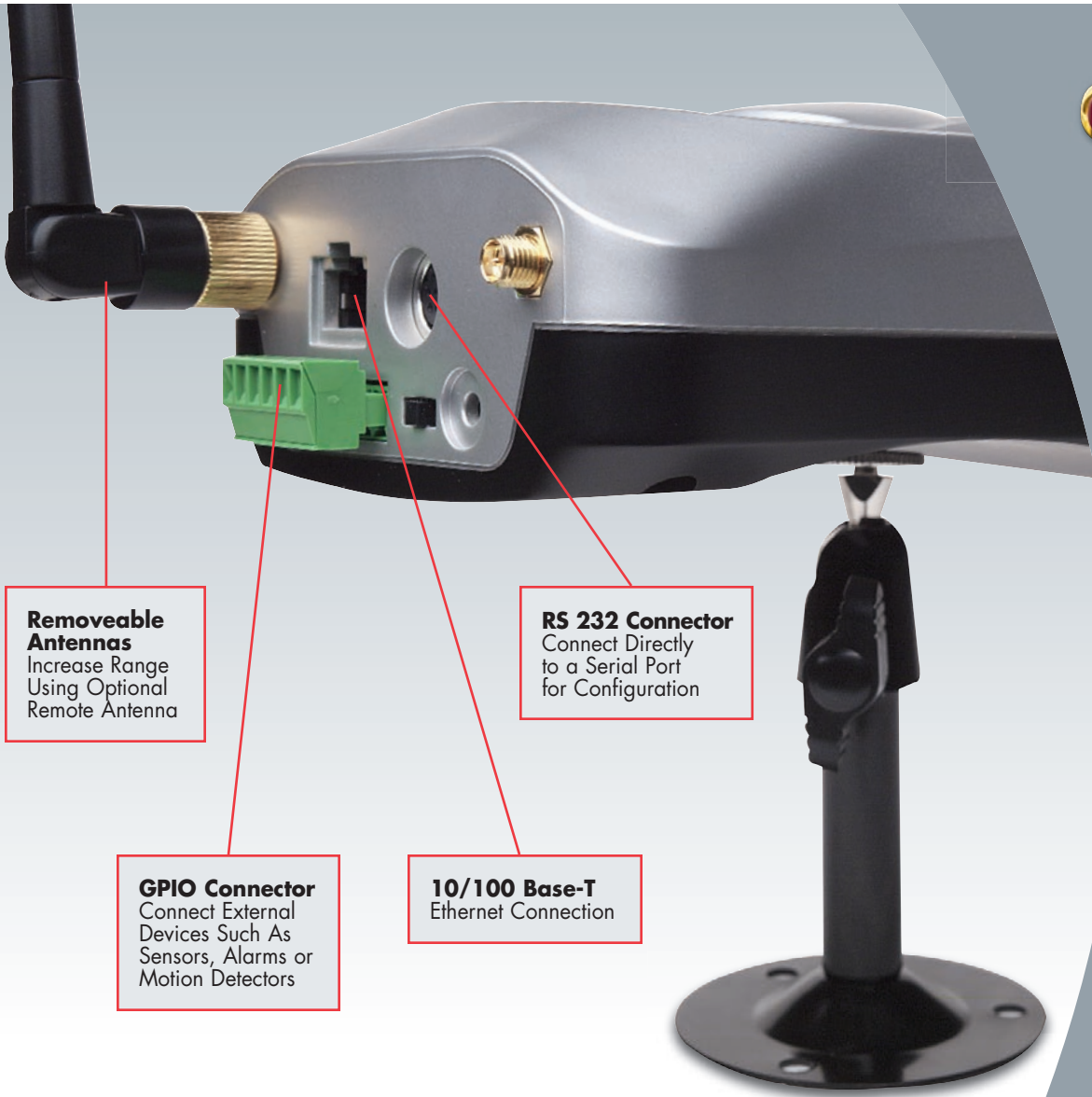
### PRODUCT DIMENSIONS

- 6.5 x 3.9 x 2.2 in./16.7 x 9.8 x 5.5 cm

### PACKAGE CONTENTS

- Wireless Network IP Camera – Pro Series
- 2 Antennas (Removable)
- Quick & Easy Setup Guide
- User Manual
- Software CD with User Manual, Drivers, and Utilities
- Camera Desktop Stand
- Power Adapter
- RS-232 Serial Cable (5 ft./1.5m)
- GPIO Connector

**LIFETIME  
WARRANTY**



**Removeable Antennas**  
Increase Range Using Optional Remote Antenna

**RS 232 Connector**  
Connect Directly to a Serial Port for Configuration

**GPIO Connector**  
Connect External Devices Such As Sensors, Alarms or Motion Detectors

**10/100 Base-T**  
Ethernet Connection

**Model  
550703**



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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