



## NSC15-WG Network Camera

**Motion-JPEG + MPEG4, Day/Night, Audio, 300k CMOS, 54 Mbps  
Wireless 802.11g**

Part No.: **550901**

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The INTELLINET NETWORK SOLUTIONS SOHO Network Camera, Model NSC15-WG, is the ideal camera for home-network-based video streaming. You can access the camera remotely over the Internet, and you can save snapshots or record directly from your Web browser to the local hard drive without installing any software or drivers.

### **Auto-Setup**

No need to worry about complex network setup procedures. The installation wizard provides an easy setup that allows a non-technical person to begin using the camera right away.

### **Simultaneous Viewing**

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

### **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.

### **Web & Utility Configuration**

Using an administrator utility or standard Web browser, IT administrators can also configure and manage the camera remotely through the Internet or a LAN. The utility allows you to manually send captured images by e-mail.

### Professional functions in a SOHO product

The INTELLINET NETWORK SOLUTIONS SOHO Network Camera provides features that normally can only be found in professional-grade products. SSL Encryption keeps the data connections secure, simultaneous MPEG4 + Motion-JPEG Streaming for best compatibility, 3GPP mobile phone streaming for on-the-road connectivity, UPnP Port-Forwarding for configuration-free router setup, full-duplex audio support, and an excellent image quality never thought possible for a SOHO-type network camera.

### Features:

- Excellent image quality with 30 fps full-motion video in all resolutions
- Progressive-scan image sensor with OmniPixel2 technology
- Supports image resolutions up to 640 x 480 (VGA)
- Audio support, full duplex, up to 8 kHz, with integrated microphone
- Day/Night mode with 6 white LEDs for a range of up to 5 m (15 ft.)
- Supports 54 Mbps Wireless 802.11g with WEP, WPA & WPA2 encryption
- Easy-to-use 16-channel camera viewing and recording utility included (not compatible with NSC10 and NSC18 cameras)
- Integrated multi-window motion detection
- Selectable video buffer for smoother video streaming
- Supports simultaneous MPEG4 and Motion-JPEG image compression
- Mobile phone streaming live video through 3GPP / ISMA / RTSP
- Mobile phone live image through 2.5 WAP
- MPEG4 + Motion-JPEG + 3GPP mobile phone streaming, audio and 10x digital zoom
- Supports HTTPS encryption for enhanced security
- Supports UPnP with UPnP port forwarding capability
- Ultra-compact and easy to install
- Three-Year 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)

#### General

- 32-bit ARM9 RISC CPU
- 8 MByte flash memory
- 64 MByte SDRAM
- Supported image resolutions: 640 x 480 and 320 x 240
- Video frame rate: max. 30 fps
- Audio support:
  - Full duplex
  - Bandwidth: G.711 PCM, 8 kHz, 64 kbit/s

- Microphone: built-in
- Audio line out jack: 3.5 mm / 1.8"
- Protocols supported: TCP/IP, DHCP, PPPoE, ARP, ICMP, FTP, SMTP, DNS, NTP, UPnP, RTSP, RTP, HTTP, TCP, UDP, 3GPP/ISMA RTSP, Bonjour
- Certifications: FCC Class B, RoHS, CE

#### Network

- LAN connector: RJ45 port to connect to 10/100 Mbps Ethernet

#### 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

#### Image Sensor and Lens

- Omnivision 1/4" progressive-scan CMOS sensor with OmniPixel2 technology
- VGA resolution (664 H x 490 V)
- S/N ratio: 50 dB (max.)
- Pixel size: 6.0 µm x 6.0 µm
- Automatic Exposure Control (AEC), Automatic Gain Control (AGC), Automatic White Balance (AWB), Automatic Band Filter (ABF) and Automatic Black-level Calibration (ABLC)
- Manual brightness, contrast, saturation, hue control
- Day/Night function: 6 White LEDs with a range of up to 5 m (15 ft.)
- Minimum illumination: 0.5 lux at F2.0, 0 lux with white LEDs on
- Focal length 4.0 mm, angular field of view 49°, object distance 0.2 m to infinity

#### LEDs

- Power
- Network connection

#### Environmental

- Dimensions: 104 (W) x 63 (L) x 35 (H) mm (3.8 x 2.3 x 1.2 in.)
- Weight: 0.75 kg (1.6 lbs.)
- Operating temperature: 0 – 45°C (32 – 113°F)
- Operating humidity: 20 – 80% RH, non-condensing

#### Power

- External power adapter: 5 V DC, 1.2 A
- Power consumption: 5 Watts (maximum)

### System Requirements

- Windows 2000, XP, Vista, Windows 7, Linux, Mac OS X
- Computer with network connection
- Web browser support:
  - MS Internet Explorer 6.0 or higher (ActiveX)
  - Mozilla 1.x, Mozilla Firefox (Java)
  - Netscape Navigator 6.0 or higher (Java)
  - Opera (Java)
  - Safari (Java)
  - Konqueror (Java)

### Package Contents

- NSC15-WG Network Camera
- Camera mounting bracket
- Antenna
- Quick installation guide
- External power adapter
- Software CD



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

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