



## NSC15 Network Camera

Motion-JPEG + MPEG4, Audio, 300k CMOS

Part No.: **524421**

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The INTELLINET NETWORK SOLUTIONS SOHO Network Camera, Model NSC15, 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.

### Remote Monitoring Utility

This application adds enhanced features and functionality while allowing up to five users to concurrently access the Internet Camera from a remote site via a LAN or the Internet. Other features include image monitoring, recording images to a hard drive, viewing up to sixteen cameras on one screen, and snapshots.

### 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.

### Integrated DDNS Client

Utilize the free DYNDNS service (like DYNDNS.org) 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 easily set up a URL that can be used to access the camera through the Internet using any Web browser.

### 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
- 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 802.3 (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
- Certifications: FCC Class B, RoHS

#### 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  $\mu\text{m}$  x 6.0  $\mu\text{m}$
- 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, sharpness control
- Minimum illumination: 0.5 lux at F2.0
- Focal length 4.0 mm, angular field of view 59°, object distance 0.2 m to infinity

#### LEDs

- Power
- Network connection

#### Environmental

- Dimensions: 98 (W) x 58 (L) x 31 (H) mm (3.8 x 2.3 x 1.2 in.)
- Weight: 0.6 kg (1.3 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: 3.5 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 Network Camera
- Camera mounting bracket
- Quick installation guide
- External power adapter
- Software CD



