

NSC11-WN Network Camera

Motion-JPEG + MPEG4, 300k CMOS, 150 Mbps Wireless 802.11n

Part No.: 551113

The INTELLINET NETWORK SOLUTIONS SOHO Network Camera, Model NSC11-WN, 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 802.11n and 100Base-TX

Go wireless or wired. The camera supports WEP, WPA and WPA2 encryption for wireless security. The new Wireless N standard has dramatically increased the overall performance of a wireless network. With speeds up to 150 Mbps and WPS technology that connects the network camera to your wireless network with the push of a button, the new Wireless N technology greatly surpasses Wireless G technology in every aspect possible. On case you have not upgraded your wireless network to the N standard yet, there is no need to worry, as the NSC11-WN Network Camera offers legacy support for existing Wireless G networks.

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.

Features:

- Excellent image quality with 30 fps full-motion video in all resolutions
- Progressive-scan image sensor provides excellent image quality
- Supports image resolutions up to 640 x 480 (VGA)

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- Including easy-to-use 16-channel camera viewing and recording utility (only compatible with NSC10, NSC11 and NSC18 cameras)
- Integrated multi-window motion detection
- Supports simultaneous MPEG4 and Motion-JPEG image compression
- Supports UPnP with UPnP port forwarding capability
- Integrated e-mail, FTP, DDNS and DHCP client
- High transfer data rate – up to 150 Mbps
- Supports Wi-Fi Protected Setup (WPS)
- Supports WEP and WPA/WPA2 (TKIP and AES) data encryption
- Event-triggered FTP and e-mail upload of still images
- Integrated scheduler for FTP and e-mail uploads of still images
- 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 802.11n (150 Mbps Wireless LAN)
» IEEE 802.3 (10Base-T Ethernet)
» IEEE 802.3u (100Base-TX Fast Ethernet)

General
» 32-bit ARM9 RISC CPU
» 4 MByte flash memory
» 32 MByte SDRAM
» Supported image resolutions: 640 x 480, 320 x 240 and 160 x 120
» Video frame rate: max. 30 fps
» Protocols supported: TCP/IP, DHCP, PPPoE, ARP, ICMP, FTP, SMTP, DNS, NTP, UPnP, RTSP, RTP, HTTP, TCP, UDP
» Certifications: FCC Class B, RoHS, CE

Image Sensor and Lens
» Sensor: OmniVision OV7670 320K pixels 1/6" CMOS sensor
» Pixel array: 656 H x 488 V
» S/N ratio: 46 dB (max.)
» Pixel size: 3.6 µm x 3.6 µm
» Exposure: automatic and manual
» Aperture: F=2.8
» Minimum illumination: 1 lux at F2.8
» Lens: fixed focus
» Focal length 2.8 mm, angular field of view 55˚, object distance 0.4 m to infinity

Wireless
» Chipset: RT3070
» Frequency band: 2.4000 – 2.483 GHz (Industrial Scientific Medical Band)
» Modulation technologies:
- 802.11b: Direct Sequence Spread Spectrum (DSSS): DBPSK, DQPSK, CCK
- 802.11g: Orthogonal Frequency Division Multiplexing (OFDM): BPSK, QPSK, 16QAM, 64QAM
- 802.11n: Orthogonal Frequency Division Multiplexing (OFDM): BPSK, QPSK, 16QAM, 64QAM
» Security:
- 64/128-bit WEP data encryption
- WPA and WPA2
» Transmit power:
- 150 Mbps, 14 dBm +/- 1.5 dBm
- 54 Mbps, 14 dBm +/- 1.5 dBm
- 11 Mbps, 17 dBm +/- 1.5 dBm

Power
» External power adapter: 5 V DC, 1.0 A
» Power consumption: 2.8 Watts (maximum)

LEDs
» Power
» Network connection

Environmental
» Dimensions: 92 (H) x 60 (W) x 21 (D) mm (3.6 x 2.4 x 0.8 in.)
» Weight: 0.75 kg (1.6 lbs.)
» Operating temperature: 0 – 40°C (32 – 104°F)
» Operating humidity: 10 – 90% RH, non-condensing

System Requirements
» Windows XP, Vista, Windows 7
» Computer with network connection
» Web browser support:
- MS Internet Explorer 6.0 or higher (ActiveX)
- Mozilla 1.x, Mozilla Firefox (Java)
- Opera (Java)

Package Contents
» NSC11-WN Network Camera
» Camera mounting bracket
» Quick installation guide
» External power adapter
» Software CD

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