



Wireless 300N Presentation Gateway

Full HD 1080p, 300 Mbps

Part No.: **524759**

Forget cables — just connect to the wireless network and present away!

The INTELLINET NETWORK SOLUTIONS Wireless 300N Presentation Gateway lets you connect your notebook to any VGA- or HDMI-equipped projector or monitor without ever connecting a single video cable. State-of-the-art Wireless N technology ensures that there is ample bandwidth available for all your presentation needs.

Presenting Wirelessly: How Does It Work?

The INTELLINET NETWORK SOLUTIONS Wireless 300N Presentation Gateway operates as a standard access point. As such, it is visible in your network like any other wireless network. Simply connect to the network and start the presentation software utility. A push of a button on the remote controller is all that is needed to start your presentation immediately. The remote controller allows you to change to the screen of any one of up to 16 connected users.

The Latest Technology for Years to Come

MPEG4 and H.264 video, HDMI video output and Wireless N technology represent the pinnacle of technological developments in their respective areas. Therefore, we included them all in the INTELLINET NETWORK SOLUTIONS Wireless 300N Presentation Gateway, protecting your investment for many years to come.

Increased Performance and Wireless Coverage

The new Wireless-N standard has dramatically increased the overall performance of a wireless network. With speeds up to 300 Mbps and a greatly increased coverage distance, the new Wireless N technology greatly surpasses that of 802.11g. You benefit from the performance boost while you are holding your presentation because higher data throughput translates into a shorter delay between your own screen contents and that of the projector.

Features:

- Presents the screen contents from a computer to the projector or monitor wirelessly
- Provides Wireless N access point functionality for up to 16 users
- Supports VGA and HDMI connections with auto-scaling video output
- Includes an infrared remote control for switching between the active users
- Up to 300 Mbps network link speed
- Complies with 2.4 GHz IEEE 802.11n standard and is backward compatible with IEEE 802.11g/b standards

For more information on Intellinet products, consult your local dealer or visit www.intellinet-network.com.

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- 2T2R MIMO technology for enhanced throughput and coverage
- Supports Wi-Fi Protected Setup (WPS)
- Supports WEP and WPA/WPA2 (TKIP and AES) data encryption
- DHCP server assigns IP addresses for all wireless users
- Easy installation through a Web-based user interface
- Supports MPEG 1/2/4, Motion-JPEG, WMV9 and H.264 video formats
- Video mode allows video playback on the connected video device or projector
- Firmware upgradeable
- Three-Year Warranty

Specifications:

Standards

- IEEE 802.11b (11 Mbps Wireless LAN)
- IEEE 802.11g (54 Mbps Wireless LAN)
- IEEE 802.11n (300 Mbps Wireless LAN)
- IEEE 802.3 (10Base-T Ethernet)
- IEEE 802.3u (100Base-TX Fast Ethernet)

General

- LAN ports: RJ45 10/100 Mbps data port
- LAN port with Auto MDI/MDI-X
- Flash: 64 MB
- Memory: 128 MB DDR1 RAM
- Supports DHCP (LAN client/ WLAN server)
- Certifications: FCC Class B, CE Mark, RoHS

Presentation

- Chipset: Sigma Designs SMP8635
- Video formats: Motion-JPEG, WMV9, MPEG1, MPEG2, MPEG4, H.264
- Supported resolutions: 800 x 600, 1024 x 768, 1152 x 864, 1280 x 720, 1280 x 768, 1280 x 960, 1280 x 1024, 1400 x 1050, 1440 x 900, 1600 x 1200, 1680 x 1050, 1920 x 1200, 1920 x 1440
- Video output ports: 1 x HDMI, 1 x VGA
- Audio output: 3.5 mm / 1.8" speaker output jack

Wireless

- Chipset: Ralink RT3052
- Wireless frequency range: 2.400 – 2.483 GHz
- Effective throughput: Up to 40 Mbps
- 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
- Channels:

- USA & Canada: 11 channels
- Europe: 13 channels
- Japan: 14 channels
- 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)
 - IEEE 802.11n (MCS0-07: up to 150 Mbps)
 - IEEE 802.11n (MCS0-15: up to 300 Mbps)
- Output power:
 - OFDM: 16 dBm +/- 1 dBm (300 Mbps, 40 mW max.)
 - OFDM: 16 dBm +/- 1 dBm (54 Mbps, 40 mW max.)
 - CCK: 18 dBm +/- 1 dBm (11 Mbps, 63 mW max.)
- Receiver sensitivity:
 - 11n (300 Mbps) MCS0-15: 20 MHz: -71 dBm; 40 MHz: -68 dBm
 - 11g (54 Mbps) OFDM: -74 dBm
 - 11b (11 Mbps) CCK: -87 dBm
- Wireless security:
 - WEP encryption (64/128 bit)
 - WPA TKIP
 - WPA2 AES
 - WPA2 mixed
 - WPA RADIUS
 - Client access control through media access control (MAC) filter
- Antennas:
 - 2 detachable dipole antennas with 3 dBi gain each
 - 2T2R MIMO mode (2 transmitters, 2 receivers)

LEDs

- Power
- WLAN Link/Act
- LAN Link/Act
- WPS
- Ready
- Blackout

Environmental

- Dimensions: 180 (w) x 155 (d) x 34 (h) mm (7.1 x 6.1 x 1.3 in.)
- Weight: 0.8 kg (1.7 lbs.)
- Operating temperature: 0 – 40°C (32 – 104°F)
- Operating humidity: 10 – 90% RH, non-condensing
- Storage temperature: -10 – 60°C (14 – 140°F)

Power

- External power adapter: 5 V DC, 2.5 A
- Power consumption: 6.5 Watts max.

System Requirements

- Windows XP/Vista/Windows 7
- Wireless Network Adapter

Package Contents

- Wireless 300N Presentation Gateway
- User manual
- Power adapter
- Ethernet Cat5 RJ45 cable: 1.0 m (3 ft.)
- Remote controller
- 2 3-dbi antennas
- 4 footpad stickers



