



Wireless 150N 4-Port Router

150 Mbps, QoS, 4-Port 10/100 Mbps LAN Switch

Part No.: **524445**

Wireless networking with three times the speed.

The INTELLINET NETWORK SOLUTIONS Wireless 150N Broadband Router is the latest in wireless networking. Taking advantage of new technology, a wireless network can now see greatly enhanced network speeds.

Multiple Solutions in One Device

The INTELLINET NETWORK SOLUTIONS Wireless 150N Broadband Router serves multiple purposes — an access point for your wireless network, a 4-port router for hard-wiring Ethernet devices — and brings it all together so that the devices can access a high-speed Internet connection.

Features:

- Up to 150 Mbps network link speed
- Complies with 2.4 GHz IEEE 802.11n standard and is backward compatible with IEEE 802.11g/b standards
- Supports WMM function to meet the multimedia data bandwidth requirement
- Supports Wi-Fi Protected Setup (WPS)
- Supports WEP and WPA/WPA2 (TKIP and AES) data encryption
- Integrated 10/100 Mbps LAN switch with Auto MDI/MDI-X support
- Easy Internet setup through WAN connection wizard
- DHCP server assigns IP addresses for all LAN users
- DHCP server supports static lease management
- Supports virtual server, port forwarding and DMZ (demilitarized zone)
- Supports DDNS (dynamic DNS)
- Supports UPNP (Universal Plug and Play)
- Integrated anti-DOS firewall
- QoS (Quality of Service) bandwidth management
- VPN Pass Through (PPTP, IPSec, L2TP)
- Use INTELLINET NETWORK SOLUTIONS Wireless N adapters for the best compatibility and performance
- Easy installation through Web-based user interface
- System status
- Security log
- Firmware upgradeable
- Three-Year Warranty

Specifications:

Standards

- » IEEE 802.1d (Spanning Tree Protocol)
- » 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

- » LAN ports: 4 RJ45 10/100 Mbps data ports
- » LAN ports with Auto MDI/MDI-X
- » WAN port: 10/100 Mbps RJ45 connector
- » LAN to WAN throughput: 93 Mbps
- » Flash: 2 MB
- » Memory: 16 MB SDRAM
- » Certifications: FCC Class B, CE, RoHS

Router

- » Supported WAN connection types:
 - Dynamic IP (DHCP for cable service)
 - Static IP
 - PPPoE (for DSL)
 - PPTP
- » Protocols:
 - CSMA/CA
 - CSMA/CD
 - TCP/IP
 - UDP
 - ICMP
 - PPPoE
 - NTP
 - NAT (network address translation)
 - DHCP
 - DNS
- » NAT:
 - Virtual server
 - Port forwarding
- Special applications (port trigger)
- » Firewall:
 - Access control-based on MAC address
 - URL filter
 - DMZ (demilitarized zone)
- » Supports UPNP (Universal Plug and Play)
- » Supports DHCP (client/server)
- » Supports PPPoE (DSL), DHCP (cable) and static IP
- » Supports VPN PPTP, L2TP and IPsec passthrough

Wireless

- » Wireless frequency range: 2.400 - 2.483 GHz
- » 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 (MCS0-7: up to 150Mbps)
- » Output power:
 - OFDM: 12 dBm +/- 1.5 dBm (150 Mbps)
 - OFDM: 12 dBm +/- 1.5 dBm (54 Mbps)
 - CCK: 16 dBm +/- 1.5 dBm (11 Mbps)
- » Receiver sensitivity:
 - 11n (150 Mbps) MCS7: 20 MHz: -64 dBm; 40MHz: -61 dBm
 - 11g (54 Mbps) OFDM: -65 dBm
 - 11b (11 Mbps) CCK: -76 dBm
- » Maximum coverage distance: 100 m / 328 ft. (indoors), 300 m / 980 ft. (outdoors)
- » Wireless security:
 - WEP encryption (64/128 bit)
 - WPA TKIP
 - WPA2 AES
 - WPA2 mixed
 - WPA RADIUS
 - Client access control through media access control (MAC) filter
- » Fixed dipole antenna with 2 dBi gain

LEDs

- » Power
- » WLAN Link/Act
- » LAN 1-4 Link/Act

Environmental

- » Dimensions: 157 (W) x 127 (L) x 30 (H) mm (6.2 x 5.0 x 1.2 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: -20 - 60°C (4 - 149°F)

Power

- » External power adapter: 5 V DC, 1.0 A
- » Power consumption: 2.3 Watts max.

Package Contents

- » Wireless 150N 4-Port Router
- » User manual
- » Power adapter
- » Ethernet Cat5 RJ45 cable: 1.0 m (3 ft.)

