Wireless G
4-Port VPN Router

Create a wireless network easily in your home and provide secure remote Internet access to your office.

The INTELLINET NETWORK SOLUTIONS™ Wireless G 4-Port VPN Router lets you experience fast speeds as you surf the Web, download music or photos, and play online games. This wireless router works with 802.11g as well as the older 802.11b products, and also includes a four-port 10/100 LAN switch so you can connect using network cable or go wireless to satisfy all your needs.

VPN (Virtual Private Network)
The router provides IPSec VPN gateway functionality that allows remote users to access your office network securely. It also helps you to build secure network tunnels between your branch office and headquarters.

Secure
Keeping intruders out of your network can be a challenge, and this feature-rich wireless router is designed to make that challenge easier. It includes a true SPI (Stateful Packet Inspection) firewall that secures your network against hackers. With Network Address Translation (NAT) to shield your networked devices from intruders, Denial of Service (DoS) attack prevention to avert potential threats by scanning incoming traffic, and WEP, WPA and WPA2 encryption to conceal your information on the wireless LAN from eavesdroppers, you can rest assured that you have taken the necessary precautions to protect the data on your network.

Lifetime Warranty
Strict manufacturing standards ensure the highest quality in all INTELLINET NETWORK SOLUTIONS products. All items carry a full Lifetime Warranty — the strongest quality commitment anyone can make.

LIFETIME
WARRANTY

Features

- Compatible with all common DSL and cable Internet service providers
- Up to 54 Mbps network data transfer rate
- Compatible with all 802.11b & g wireless products
- Supports WEP and WPA/WPA2 (TKIP and AES) data encryption
- Supports Wireless Access Point, Repeater and Bridging modes
- VPN server support (PPTP, IPSec and L2TP protocols)
- Integrated SPI firewall
- QoS (Quality of Service) bandwidth management
- Integrated 10/100 Mbps LAN switch with Auto MDI/MDI-X support
- DHCP server assigns IP addresses for all LAN users
- Supports DDNS (dynamic DNS)
- Supports UPNP (Universal Plug and Play)
- Supports virtual server, port forwarding and DMZ (demilitarized zone)
- VPN pass-through for IPSec and PPTP
- IPSec VPN gateway (ESP, IKE)
- Provides 3DES and AES encryption algorithms
- Provides MD5 and SHA1 authentication algorithms
- Content control through URL filter
- Supports MAC filtering for wireless clients
- Remote management function
- Easy installation through Web-based user interface
- Configuration backup and restore via Web-based user interface
- Firmware updates via Web-based user interface
- Lifetime Warranty

Specifications

STANDARDS
- IEEE 802.1d (Spanning Tree Protocol)
- IEEE 802.1x (Wireless User Authentication)
- 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
- LAN ports: 4 RJ45 10/100 Mbps data ports
- LAN ports with Auto MDI/MDI-X
- Flash: 4 MB
- Memory: 16 MB SDRAM
- Certifications: FCC Class B, CE Mark, RoHS

ROUTER
- Chipset: Realtek RTL8186
- Supported WAN connection types:
  - Dynamic IP (DHCP for cable service)
  - Static IP
  - PPPoE (for DSL)
  - PPTP
  - L2TP
  - Telstra BigPond
- Protocols:
  - CSMA/CA
  - CSMA/CD
  - TCP/IP
  - UDP
  - ICMP
  - PPPoE
  - NTP
- NAT (network address translation)
  - DHCP
  - DNS
- NAT:
  - Port forwarding
  - Virtual server
  - Special applications (port trigger)
- Firewall:
  - URL blocking
  - Anti-DoS protection against ping of death, port scans, syn flood)
  - Access control based on MAC address
  - DMZ (demilitarized zone)
- Supports UPnP (Universal Plug and Play)
- Supports DHCP (client/server)

WIRELESS
- Chipset: RTL8225
- Wireless frequency range: 2.412 - 2.484 GHz
- Modulation technologies:
  - 802.11b: Direct Sequence Spread Spectrum (DSSS): DBPSK, DQPSK, CCK
  - 802.11g: Orthogonal Frequency Division Multiplexing (OFDM): BPSK, QPSK, 16QAM, 64QAM
- Number of channels: 13
- 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)
- Output power:
  - OFDM: 15 dBm +/- 1 dBm (54 Mbps, 50 mW max.)
  - CCK: 17 dBm +/- 1 dBm (11 Mbps, 50 mW max.)
- Maximum coverage distance: 100 m / 300 ft. (indoor), 300 m / 900 ft. (outdoor)
- Wireless security:
  - WEP encryption (64/128-bit)
  - WPA TKIP
  - WPA2 AES
  - WPA2 mixed
  - WPA RADIUS
  - Client access control through media access control (MAC) filter
- Antenna: single detachable dipole antenna with RP-SMA connector, 2 dBi gain

VPN
- Supports VPN PPTP and IPsec pass-through
- 10 VPN user accounts
- VPN server protocol support: PPTP, IPSec and L2TP
- 3DES and AES encryption
- MD5 and SHA1 authentication

QoS
- Definition of total upload and download bandwidth
- Custom rules for maximum bandwidth or minimum guaranteed bandwidth
- Individual rules for upload and download
- Rules can be applied for IP addresses, ports, port ranges, UDP/TCP and traffic types (SMTP, HTTP, POP3, FTP)

LEDs
- Power
- WLAN Link/Act
- WAN Link/Act
- WAN 10/100 Mbps
- LAN 1-4 Link/Act
- LAN 1-4 10/100 Mbps

ENVIRONMENTAL
- Dimensions: 187 (W) x 100 (L) x 30 (H) mm (7.4 x 3.9 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: 12 V DC, 1.0 A
- Power consumption: 5.5 Watts max.

PACKAGE CONTENTS
- Wireless G 4-Port VPN Router
- Quick install guide and CD user manual
- Power adapter
- Ethernet Cat5 RJ45 cable, 1.0 m (3 ft.)

For more information on INTELLINET NETWORK SOLUTIONS products, consult your local dealer or visit **www.intellinet-network.com**.

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