



Dual WAN VPN Router

Combines load-balancing router with failover function, firewall, VPN server and 5-port Fast Ethernet Smart Switch.

Model
524049

The INTELLINET NETWORK SOLUTIONS Dual WAN VPN Router supports two WAN ports, which can double the available bandwidth and provide an ultra-fast-responding failover function. This versatile router protects your network with a built-in firewall. It will hide your network using NAT, and protect it further using the anti-DOS firewall. You can use the VPN server to support up to five secure network connections, and even give your most important applications priority access to precious bandwidth using QoS.

Two WAN Ports: Versatile!

The Dual WAN VPN Router can be connected to two different WAN connections at the same time, providing an efficient backup mechanism for the main Internet connection; or can balance the load between the two connections based on smart algorithms or sophisticated user-defined load sharing rules. Whether you want to reserve one of the two WAN lines for a special application or a special user, or use it as a backup for the main line, there are very few things which you cannot do with this device.

Five LAN Ports: Smart!

The Dual WAN VPN Router comes with an integrated 5-port 10/100 Mbps LAN switch for plenty of connectivity. But it does not stop there. The switch provides smart functions, such as VLAN, Port Mirroring (Sniffer Port) and port controls, which you normally can only find in a business smart switch.

Secure

Keeping intruders out of your network can be a challenge, and this feature-rich router is designed to make that seemingly daunting task easier. It includes a true 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, integrated virus and worm detection offering an additional layer of protection, and content control using URL and domain filtering, you can rest assured that you have taken the necessary precautions to protect the data on your network. And if this were not enough, the built-in VPN server supports up to five connections simultaneously, ideal for telecommuters who need a more secure connection to the Internet.

VPN Server

The INTELLINET NETWORK SOLUTIONS Dual WAN VPN Router features a VPN server for secure remote access to your own network. The Virtual Private Network (VPN) capability creates encrypted tunnels through the Internet, allowing up to five remote users to securely connect into your office network, providing secure access to files, e-mail and your own local intranet.

Efficient

As you add more applications to your network, and as technology continues to advance, you need to be able to optimize the precious bandwidth on your Internet access facility. The Quality of Service (QoS) feature allows you to determine which applications are most important, and ensure they have priority with available bandwidth during network peak times. The applications that are most important to you are running their best.

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.





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Features

- Dual 10/100 Mbps WAN ports for failover protection or load balancing
- VPN server (PPTP) supports five connections simultaneously
- Integrated anti-DOS firewall
- Integrated virus and worm detection with e-mail alert function
- Integrated scheduler to limit Internet access to client computers in the LAN
- Content control through URL and domain filter
- Supports QoS (Quality of Service) bandwidth management
- Integrated 10/100 Mbps LAN switch with Auto MDI/MDI-X support
- Supports port controls (auto-negotiation on/off, 10/100 Mbps, full/half duplex)
- Supports port based VLAN with 5 VLAN groups
- Supports port mirroring
- Supports virtual server, port forwarding and DMZ (demilitarized zone)
- DHCP server assigns IP addresses for all LAN users
- DHCP Server supports static lease management
- Supports DDNS (dynamic DNS)
- Supports UPNP (Universal Plug and Play)
- Supports VPN pass-through (PPTP)
- 94 Mbps WAN to LAN throughput
- WOL (Wake-On LAN) function sends a wakeup signal to any computer in the LAN
- Remote management function (enable/disable and management port)
- Easy installation through Web-based user interface
- Firmware updates via Web-based user interface
- Includes 19" rackmount brackets
- Lifetime Warranty

Specifications

Standards

- IEEE 802.3 (10Base-T Ethernet)
- IEEE 802.3u (100Base-TX Fast Ethernet)
- IEEE 802.3x (flow control, for full duplex mode)

General

- LAN ports: 5 RJ-45 10/100 Mbps data ports
- LAN ports with Auto MDI/MDI-X
- LAN to WAN throughput: 94 Mbps
- CPU: Intel IXP425 network processor at 533 MHz
- Flash: 4 MB
- Memory: 16 MB SDRAM
- Certifications: FCC Class B, CE Mark, RoHS

Router

- Supported WAN connection types:
 - Dynamic IP (DHCP for cable service)
 - Static IP
 - PPPoE (for DSL)
- WAN Modes:
 - Primary WAN 1
 - Primary WAN 2
 - Primary WAN 1 with auto line backup (failover) of WAN2
 - Primary WAN 2 with auto line backup (failover) of WAN1
 - WAN 1 + 2 WRR Load Sharing
 - WAN 1 + 2 User Defined Load Sharing
- Firewall:
 - Access control based on MAC address
 - Domain blocking
 - URL filter
 - Block ICMP PING from Internet to LAN
 - Block ICMP PING from LAN to Internet
 - Detection of Synflood, Smurf, IP Spoofing and IP source routing
- QoS:
 - Application-based
 - IP-based
 - Port-based
- NAT:
 - Virtual server
 - Port forwarding
 - Special applications (port trigger)
 - DMZ (demilitarized zone)

- Supports UPNP (Universal Plug and Play)
- Supports DHCP (client/server)
- Supports PPPoE (DSL), DHCP (cable) and static IP
- Supports VPN PPTP pass-through
- Protocols:
 - CSMA/CA
 - CSMA/CD
 - TCP/IP
 - UDP
 - ICMP
 - PPPoE
 - NTP
 - NAT (network address translation)
 - DHCP
 - DNS
- Certifications: FCC Class B, CE Mark, RoHS

LEDs

- Power
- SYS (operational status)
- Power Line Link/Act
- WAN 1 Link/Act
- WAN 2 Link/Act
- LAN 1-5 Link/Act
- LAN 1-5 10/100 Mbps

Environmental

- Dimensions: 295 (W) mm x 159 (L) mm x 44 (H) mm (11.6 x 5.1 x 1.0 in.)
- Weight: 2.1 kg (4.6 lbs.)
- Operating temperature: 0 – 60°C (32 – 149°F)
- Operating humidity: 10 – 85% RH, non-condensing
- Storage temperature: 0 – 60°C (0 – 149°F)

Power

- Internal power supply, 100 – 240 V AC, 50/60 Hz
- Power consumption: 12 Watts (maximum)

Package Contents

- Dual WAN VPN Router
- User manual
- Power cord
- Ethernet Cat5 RJ-45 cable: 1.5 m (5 ft.)
- 19" mounting brackets and screws

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



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