NetPassage 18+
Dual Band 802.11a+g VPN Router

NetPassage 18 is a feature-rich and highly versatile dual band wireless VPN Internet gateway with integrated 4-port 10/100Mbps Fast Ethernet switch. It supports IEEE802.11a and IEEE802.11b/g connections concurrently, providing a wide variety of connectivity options that are ideal for hotspot or any public access deployment. Alternatively, it can also be used purely as a VPN router in a wired network environment.

NetPassage 18 supports industry leading security standards including WPA, 802.1x authentication, 64/128-bit WEP encryption, and Compex exclusive Pseudo VLAN to secure your wireless data traffic. NetPassage 18 has IPsec VPN capability that offers built-in hardware encryption for remote access, without installing any VPN client software. NetPassage 18+ supports the latest wireless security standard—Wi-Fi Protected Access (WPA) which provides strong data protection through data encryption and strong access control through user authentication.

NetPassage 18 has three variants in its family.
- NetPassage 18 (CFG0300) is a dual band wireless A+G VPN Internet gateway. It supports IEEE 802.11a and g/b wireless LAN connections simultaneously.
- NetPassage 18 (CFG0200) is a wireless A/G VPN Internet gateway. It supports either IEEE 802.11a or g/b wireless LAN connections.
- NetPassage 18 (CFG0100) is a VPN Internet gateway purely used in a wired network environment.

Cost Savings
NetPassage 18 contains two access point which are compatible with the 802.11b/g and 802.11a standards. Users can protect their investments by using their existing 802.11b networks or migrate to the new speedy 54Mbps wireless network (802.11a/g) when the need arises.

Versatile Internet Gateway
NetPassage 18 can be used as dualband wireless gateway or wired router for hotspot and any public Internet access solution.

Increased Security
Wi-Fi Protected Access (WPA) provides strong user authentication using 802.1x and EAP. WPA ensures secure data encryption with per user or per session dynamic session keys. NetPassage 18 also supports the simple 64-bit or 128-bit WEP key.

Secured Traffic
NetPassage 18 uses the IPSec co-processor to encrypt data up to 100 tunnels between your home or office to your corporate network without installing any client software on each network computer.

Internet Security Management Functions
Enhanced features like DHCP server, NAT and SPI firewall to protect against Internet intruders, time-based access management to filter internal users' to access the internet are found in the NetPassage 18.

Scalability & Redundancy
Allowing load sharing with more than one broadband router interconnected and having fail-over redundancy when using the Compex unique Parallel Broadband feature.

Larger Network Coverage
With Wireless Distribution System (WDS) support, NetPassage 18 can extend wireless network coverage.

Management & Monitoring
Netpassage 18 can be easily configured through the web-browser or by using the uConfig utility program. It also supports SNMP for easy management and monitoring of network device operation status.

Wireless

Dual Band Wireless-A+G VPN Internet Gateway

Features and Benefits

Feature	Benefit
Dual-band Wireless Connectivity	Compliant with both 802.11a and 802.11b/g standards. Users can use now connect wireless at faster speed using 802.11a or using the popular 802.11b wireless equipments for Wi-Fi compatibility. Alternatively, , it can also be used purely as a VPN router in a wired network environment.
Increased Wireless Security	Wi-Fi Protected Access offers advanced security solution to enhance wireless network security for wireless users on the move.
Secured Traffic	It can support multiple 3DES IPSec tunnels connection without the need for hardware or software upgrade.
Extend Wireless Network Coverage	With Wireless Distribution System (WDS) support, wireless network coverage can be largely extended.

Specifications

Wireless Standards
Wireless Performance:
802.11a, 802.11g and 802.11b

Wireless Security:
64 / 128-bit WEP, WPA, 802.1x and Wireless Pseudo VLAN

Interface
WAN interface:10/100Mbps
LAN interface: 4*10/100Mbps

VPN Functionality
Encryption Standard:
IPSec encryption

Authentication:
802.1x authentication

VPN Tunneling:
Site-to-Site VPN tunneling
Remote VPN client tunneling
(max. of up to 100 VPN tunnels for both tunneling modes)

Advanced Features
Universal Plug-N-Play
Dynamic DNS Service (Subscribe service)

Filtering
Packet Filtering, 8e6 Internet Content Filtering (Subscribe service)

Firewall
Stateful packet inspection firewall (Subscribe service)

IP Protocol Set
Dynamic IP addressing, Static IP addressing , DHCP Server, PPPoE, NAT, TCP, UDP, IP, IPCP, PPTP, IPSec, PAP, CHAP, SNTP, SNMP, IPP

Power Requirements
Voltage: 3.3VDC
Current Ratings: 3A

Resiliency
Parallel Broadband

LED Indications
Power, LAN/WAN, WLAN, Printer link/activity

Environmental Certifications
FCC, CE Mark, Gost, C-tick N 12030

Management
Web-Browser, Telnet , uConfig

Environment Requirements
Operating temperature:
0ºC to 55ºC
Storage Temperature:
-20ºC to 75ºC
Operating Humidity:
10%to 80% relative humidity non-condensing

Dimensions
Height:31 mm (1.22 inches)
Width:160 mm (6.30 inches)
Depth:170 mm (6.69 inches)

NetPassage 18 Dual-band Wireless-A+G VPN Internet Gateway	NP18 (CFG0300)
	NP18 (CFG0200)
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Ordering Information