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Building Networks for People

DSL-225
VDSL2 N300 4-port Wireless Router

Features

Superior Performance Wireless
- Integrated VDSL2 and ADSL2/2+
- 802.11n wireless LAN
- 4 Ethernet switch ports
- 2 external antennas

Robust Security Features
- WPA/WPA2 and WEP
- Stateful Packet Inspection (SPI)
- Firewall protection

High Speed Connectivity
- VDSL2 supports the latest transmission speeds
- WLAN with high-speed data transfer rates of up to 300 Mbps[1]

Convenience Features
- User-friendly GUI for web configuration
- Quality of Service (QoS)
- Universal plug-and-play(UPnP)
- Web filtering
- USB mass-storage

The DSL-225 VDSL2 N300 4-port Wireless Router is everything you need for high-speed Internet access in your home. It combines a VDSL2 modem and high-end wireless router together to create a single, easy-to-use device that connects to the Internet, and shares that connection with all of your devices. Plug in a USB storage drive to effortlessly share your documents, video, photos, and music or connect to a printer.

Combination ADSL2+ Modem and Router

The DSL-225 combines the functionality of a high-speed VDSL2 broadband modem and a wireless router in one device, meaning there is no need for separate modem and wireless router devices. Connect to your VDSL2 Internet Service Provider and share the Internet connection with both wireless and wired devices.

Fast and Reliable Home Network

With the VDSL2 N300 4-port Wireless Router, you can create a home network with high-speed wireless, for a reliable connection to wireless devices, and Fast Ethernet LAN ports for quick wired connection speeds. 802.11n wireless gives you the bandwidth to stream HD multimedia and feature-rich content across your home, so you can browse the Internet and stream digital media at combined speeds of up to 300 Mbps[1]. Using Quality of Service (QoS) technology the DSL-225 can be configured to give certain devices network priority over others so their Internet connection is always optimized.

USB Port for Additional Connectivity

The DSL-225 features a built-in USB port to provide additional functionality for your network. Attach a printer or portable hard drive to share files with everyone, or even plug in a 3G USB modem to enjoy Internet connectivity in places without a wired Internet connection.

Easy to Set Up

Get the DSL-225 up and running in no time using the intuitive web-based configuration utility. Simply connect the DSL-225 to your computer, launch the configuration utility, and follow a few easy steps to get your home network configured. You can also set up a WPA2 encrypted network with the touch of a button using Wi-Fi Protected Setup (WPS).

Simply press the respective WPS buttons on each device to effortlessly establish an encrypted connection to a new device. Your network will be encrypted with WPA/WPA2 wireless encryption and employ built-in dual active firewalls (SPI and NAT) to help protect your network from unauthorized access, so you can shop online and do your online banking with confidence.

Technical Specifications

General

Device Interfaces	• One VDSL2 port (RJ-11) • Four 10/100 Ethernet LAN port (RJ-45) • Built-in 802.11n wireless LAN • Factory reset button	• WPS button • WLAN button • Power switch • One USB 2.0 host
ADSL/ADSL2+ Standards	• T1.413i2, G.992.1 • G.dmt, G.992.2, G.lite • G.992.3 (G.bis/ADSL2)	• G.992.5 (ADSL2+) • Annex L (Reach Extended ADSL2)
VDSL Standards	• ITU-T G.993.2 • Supports 8a, 8b, 8c, 8d, 12a, 12b, 17a profile • US0 • Annex A and Annex B band plans	• PhyR • Virtual noise • Dying GASP • Diagnostics mode

Functionality

Protocol Features	• NAT/NAPT (RFC 1631) • RIP v1 (RFC 1058) • RIP v2 (RFC 1389) • DNS • AAL5 • ARP • DHCP Server/Client/Relay	• IGMP Proxy • IGMP Snooping • PPPoA • PPP0E • MER • IPv6 supported

Management Features	• QoS
	  • Traffic Prioritization/Classification
	  • Port-based priority
	  • 802.1p (0~7) priority
	  • Diffserv-Codepoint IPQoS (TOS, 0~63)
	  • Source/Destination IP/port-based priority
	  • Application port-based priority
	  • User-defined priority (TCP/UDP/ICMP)
	  • 3 priority queues per PVC
	  • Traffic Shaping:
	  • PVC/VLAN port mapping (bridge mode)
		• Web-based GUI for remote/local management
		• Embedded Web server
		• Menu-driven Command Line Interface via Telnet, serial port or SSH
		• Universal Plug and Play (UPnP) Internet Gateway Device (IGDv1.0)
		• TR-69

Security Features	• TCP/IP/Port/Interface Filtering • MAC Filtering • Day-time Parental Control	• URL Content Filtering (keyword filtering) • Stateful Packet Inspection (SPI) • Denial of Service prevention (DoS)

Wireless Features	• Standard:
	  • IEEE 802.11b/g/n
	• Security:
	  • 64-bit, 128-bit WEP, AES, TKIP, WPA, WPA2, 802.1x
		• Frequency range: 2.4 GHz to 2.484 GHz
		• Antennas: 2 non-detachable dipole antennas

Status LEDs	• Power • DSL • Internet • LAN(1-4)	• WLAN • WPS • USB
VPN	• L2TP/PPTP/IPSEC VPN passthrough	

Physical

Physical		
Dimensions (L x W x H)	• 182.3 x 127.5 x 26.1 mm (7.18 x 5.02 x 1.03 inches)	
Weight	• 274 g (9.67 ounces)	
Power	• Supply: 12V DC, 1A	
Temperature	• Operating: 0 to 45 °C (32 to 113 °F)	• Storage: -20 to 70 °C (-4 to 158 °F)
Humidity	• Operating: 10% to 95% non-condensing	• Storage: 5% to 95% non-condensing
Certifications	• CE	

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