D-Link®
Building Networks for People

GO-DSL-N151

Wireless N 150 ADSL2+ 4-port Easy Modem Router

Features

Integrated ADSL2/2+ Interface

- Blazing fast Internet download speeds of up to 24 Mbps
- Built-in ADSL interface eliminates the need for a separate modem and router
- Compatible with most DSL Internet Service Providers

High-speed Connectivity

- Achieve high-speed wireless connections of up to 150 Mbps
- Increased range and reliability with the latest 802.11n wireless standard
- Four fast Ethernet LAN ports allow for high-speed wired connections to desktop computers, media centers, and gaming consoles

Security and Performance

- Firewall and attack prevention tools keep your network safe from outside intruders
- WPA and WPS encryption technologies allow you to enjoy secure wireless connections
- Built-in Quality of Service engine ensures optimum connections for bandwidth-intensive applications

The GO-DSL-N151 Wireless N 150 ADSL2+ 4-port Easy Modem Router is an all-in-one device which allows you to connect to the Internet using an integrated high-speed ADSL2/2+ interface. The router provides firewall protection for added security, and a Quality of Service (QoS) engine for smooth online gaming, media streaming, and voice communication. Built-in Wireless N 150 provides high-speed access for wireless users, while four fast Ethernet ports provide wired connections to computers using Ethernet cables.

Everything Your Need to Connect and Share

The GO-DSL-N151 combines the functionality of both an ADSL2/2+ modem and a wired/wireless router, making it easy to connect and share your Internet connection, all with one compact device. Use the modem to connect to your DSL Internet Service Provider and share the high-speed connection directly to your devices through both wired and wireless connections.

Blazing-fast Internet Connection

The GO-DSL-N151 Wireless N 150 ADSL2+ 4-port Easy Modem Router features integrated ADSL2/2+ capabilities, supporting download speeds of up to 24 Mbps[1]. The GO-DSL-N151 allows you to get the most out of your DSL Internet connection - download video and music files, stream online content, and enjoy high-quality voice and video calls on any of your connected devices.
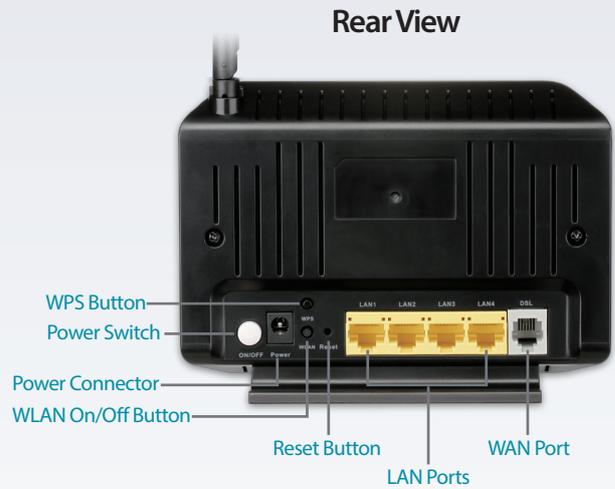
High-speed Wired and Wireless LAN Connections

With the GO-DSL-N151, you have the flexibility of both wired and wireless LAN connections, allowing you to tailor your network according to your connectivity needs. Connect your desktop to one of the Fast Ethernet ports for quick downloads and online gaming, or surf the net from the comfort of your couch by connecting your laptop or tablet through a wireless connection.

Firewall and QoS for Security and Reliability

A range of security features prevent unauthorized access and keep your home or office network safe from intruders. The GO-DSL-N151 provides firewall security using Stateful Packet Inspection (SPI), which inspects the contents of all incoming packet headers, only allowing those matching a known active connection to pass through. In addition, a range of attack prevention tools keeps your network safe from common intrusion techniques. Router access control is also provided, with packet filtering to restrict unauthorized data transmission. For Quality of Service (QoS), the router prioritizes data packets according to applications or predefined rules. This QoS support allows you to enjoy interruption-free transmission for bandwidth-intensive applications such as VoIP, streaming multimedia, and online games.

Rear View

WPS Button
Power Switch
Power Connector
WLAN On/Off Button
Reset Button
LAN Ports
WAN Port

Technical Specifications

General

ADSL Compliance	• ADSL 2+ Standards
	  • ITU-T G.992.5 Annex B/J
	• ADSL 2 Standards
	  • ITU-T G.992.3 (G.dmt.bis) Annex B/J
	  • IUU-T G992.4 (G.lite.bis)
		• ADSL Stadards
		  • Full-rate ANSI T1.413 Issue 2
		  • ITU-TG.992.1 (G.dmt) Annex B
		  • ITU-TG.992.2 (G.lite) Annex B
		  • ITU-T G.994.1 (G.hs)

ATM/PPP Support	• Multiprotocol over AAL5 (RFC 1483/2684) • Bridged and routed Ethernet encapsulation • LLC encapsulation • VC-based multiplexing • ATM Forum UNI3.1/4.0 PVC (up to 8 PVCs) • ATM Cell Format ITU-T Rec. I.361 • ATM Adaption Layer Type 5 (AAL5) • PPPoA (RFC2364)	• PPPoE (RFC2516) • PPP Link Control Protocol (RFC 1661) • Internet Protocol Control Protocol (RFC 1332) • PPP Authentication Protocol (RFC 1334) • PPP Challenge Handshake Authentication Protocol (RFC 1994) • Microsoft PPP CHAP extensions (RFC 2433)

Network Services	• IPv4
	• DHCP server/client/relay
	• DNS relay
	• Dynamic DNS (DDNS)
	• Routing Information Protocol (RIP) v1/v2
	• NAT AGLs
	  • PPTP
	  • L2TP
	  • FTP
	  • RTSP (RealTime Streaming Protocol)
	  • SIP v1/v2
	  • IPsec
	• Internet Control Message Protocol (ICMP)
	• Virtual server (Port forwarding)
	• Simple Network Time Protocol (SNTP)
		• 802.1d MAC Bridge (up to 256*8 MAC addresses)
		• QoS
		  • IPP/ToS
		  • DSCP QoS in 4-priority queues
		  • Application QoS in 4-priority queues
		  • Strict priority
		  • VLAN QoS in 4-priority queues
		  • QoS remarking based on IPP/ToS, DSCP and 802.1p
		  • TOS transparency through NAT
		  • Mapping to queue according to DSCP bits and physical port
		  • 802.1Q
		• IGMP proxy v1/v2
		• IGMP snooping v1/v2/v3

NAT Support	• NAT and NAPT	• NAT 4096 sessions capacity
Universal Plug and Play Support	• UPnP based auto-configuration • UPnP based port forwarding	• uPnP IGD 1.0

Security	• Attack Prevention
	    • Port scanning & illegal packet attack
	    • DoS Attack
	    • SYN Flooding
	    • Ping of Death
	    • Teardrop
	    • LAND attack
	    • IP Spoofing
	    • IP with zero length
	    • Smurf Attack
	    • TCP Null Scan
		• Stateful Packet Inspection (SPI)
		• Management Access Control for LAN/WAN sides
		• IP filtering
		• MAC filtering
		• URL filter
		• Demilitarized Zone (DMZ)

WLAN Specifications	• 802.11 n/g/b, up to 150 Mbps • Wi-Fi Protected Setup (WPS) • Multiple SSIDs • Automatic rate adapting • WAN scheduling	• Auto channel selection • WMM support • 64-bit & 128-bit WEP • WPA-PSK & WPA2-PSK • MAC address filtering
Device Management	• Web configuration • Telnet management • Webpage/X-Modem/FTP/TFTP firmware upgrade	• Diagnostic tools for ADSL and IP Ping • Setup wizard

Physical

Dimensions	• 148 x 45 x 112 mm (5.83 x 1.77 x 4.41 inches)	
Weight	• 450 g (0.99 pounds)	
Power	• Input: 100 to 240 V AC, 50/60 Hz	• Output: 12 V DC, 500 mA
Temperature	• Operating: 0 to 40 ℃ (32 to 104 ℉)	• Storage: -20 to 70 ℃ (-4 to 158 ℉)
Humidity	• Operating: 10% to 90% non-condensing	• Storage: 5% to 95% non-condensing
Certifications	• CE	• Wi-Fi Certified

Order Information

Part Number	Description
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1. Actual download and upload speeds will vary depending on factors such as your Internet Service Provider, network traffic, and network infrastructure.

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