

Product Highlights

High-speed Internet

Latest VDSL2 standards provide Internet transmission speeds faster than ADSL for fast downloads and smooth streaming media

High-performance Wireless

Fast 802.11n wireless gives you superior speed and range while remaining compatible with older 802.11g/b devices

Safe Connection

Robust security features keep your connection secure and prevent unauthorised access to the network, keeping your data safe from prying eyes



DSL-G225

Wireless N300 ADSL2+/VDSL2 Modem Router

Features

High Level Features

- Integrated VDSL2 and ADSL2+ modem
- 802.11n wireless LAN
- 1 Gigabit Ethernet WAN port
- 4 Ethernet ports
- Fully NBN compliant. Can be used directly with FTTN/FTTB services

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 Mbps¹

Convenience Features

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

The DSL-G225 Wireless N300 ADSL2+/VDSL2 Modem 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 VDSL2 Modem and Router

The DSL-G225 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. The DSL-G225 also gives you the option to connect to your broadband modem using the Gigabit Ethernet WAN port so you have the flexibility to access the Internet via DSL, Cable or any NBN connection

Fast and Reliable Home Network

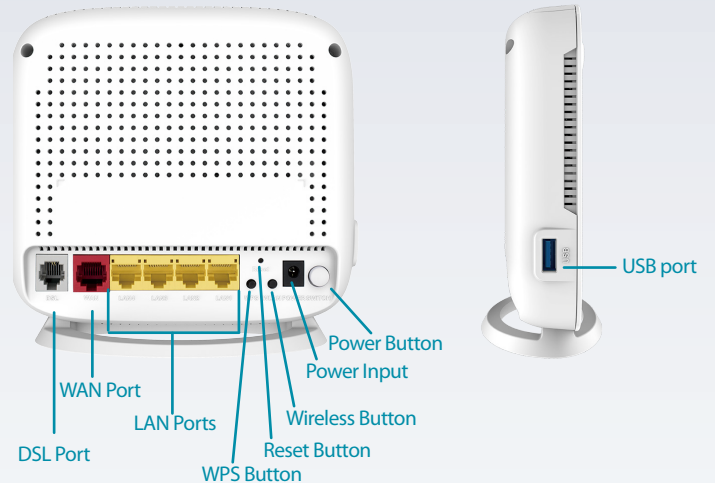
With the Wireless N300 ADSL2+/VDSL2 Modem Router, you can create a home network with high-speed wireless, for a reliable connection to Wi-Fi devices, and Fast Ethernet LAN ports for quick wired connection speeds. 802.11n wireless gives you a solid and reliable Wi-Fi network so you can browse the Internet and stream digital media at combined speeds of up to 300 Mbps¹. Using Quality of Service (QoS) technology the DSL-G225 can be configured to give certain devices network priority over others so their Internet connection is always optimised.

USB Port for Additional Connectivity

The DSL-G225 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.

Easy to Set Up and Secure

Get the DSL-G225 up and running in no time using the intuitive web-based configuration utility. Simply connect the DSL-G225 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 secure network with the touch of a button using Wi-Fi Protected Setup (WPS). Simply press the WPS button to effortlessly establish a secure connection to a new device. Protect your network with WPA/WPA2 wireless encryption and a built-in NAT firewall, so you can shop online and do your online banking with confidence.



Technical Specifications

General

Device Interfaces	<ul style="list-style-type: none"> • One DSL port (RJ-11) • Four 10/100 Fast Ethernet LAN ports (RJ-45) • One 10/100/1000 Gigabit Ethernet WAN port (RJ-45) • Built-in 802.11n wireless LAN • Factory reset button 	<ul style="list-style-type: none"> • WPS button • WLAN button • Power switch • One USB 2.0 host
ADSL/ADSL2+ Standards	<ul style="list-style-type: none"> • ADSL Standards <ul style="list-style-type: none"> • Multi-mode • Full-rate ANSIT1.413 Issue 2 • ITU-T G.992.1 (G.dmt) Annex A/C/I • ITU-T G.992.2 (G.lite) Annex A/C • ITU-T G.994.1 (G.hs) • ADSL 2 Standards <ul style="list-style-type: none"> • ITU-T G.992.3 (G.dmt.bis) Annex A/J/K/L/M 	<ul style="list-style-type: none"> • ADSL 2+ Standards <ul style="list-style-type: none"> • ITU-T G.992.5 Annex A/L/M • Annex L (Reach Extended ADSL2)
VDSL Standards	<ul style="list-style-type: none"> • VDSL Standards <ul style="list-style-type: none"> • ITU-T G.993.2 (VDSL) • ITU-T G.993.5 (G.Vectoring) • Supports 8a, 8b, 8c, 8d, 12a, 12b, 17a profile • Annex A and Annex B band plans 	<ul style="list-style-type: none"> • PhyR • Virtual noise • Dying GASP • Diagnostics mode

Functionality

Protocol Features	<ul style="list-style-type: none"> • NAT/NAPT (RFC 1631) • RIP v1 (RFC 1058) • RIP v2 (RFC 1389) • DNS • AAL5 • ARP • DHCP Server/Client/Relay 	<ul style="list-style-type: none"> • IGMP Proxy • IGMP Snooping • PPPoA • PPPoE • MER • IPv6 supported
Management Features	<ul style="list-style-type: none"> • QoS <ul style="list-style-type: none"> • 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) 	<ul style="list-style-type: none"> • 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-069
Security Features	<ul style="list-style-type: none"> • TCP/IP/Port/Interface Filtering • MAC Filtering • Day-time Parental Control 	<ul style="list-style-type: none"> • URL Content Filtering (keyword filtering) • Stateful Packet Inspection (SPI) • Denial of Service prevention (DoS)

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Wireless Features	<ul style="list-style-type: none"> Standard: <ul style="list-style-type: none"> IEEE 802.11b/g/n Security: <ul style="list-style-type: none"> 64-bit, 128-bit WEP, AES, TKIP, WPA, WPA2, 802.1x 	<ul style="list-style-type: none"> Frequency range: 2.4 GHz to 2.484 GHz Antennas: 2 internal omnidirectional antennas
Status LEDs	<ul style="list-style-type: none"> Power DSL/WAN Internet LAN(1-4) 	<ul style="list-style-type: none"> WLAN WPS USB
VPN	<ul style="list-style-type: none"> L2TP/PPTP/IPSEC VPN passthrough 	
Physical		
Dimensions (L x W x H)	<ul style="list-style-type: none"> 155 x 150 x 60 mm (6.1 x 5.9 x 2.4 inches) 	
Weight	<ul style="list-style-type: none"> 242 g (8.48 ounces) 	
Power	<ul style="list-style-type: none"> Supply: 12 V DC, 1 A 	
Temperature	<ul style="list-style-type: none"> Operating: 0 to 45 °C (32 to 113 °F) 	<ul style="list-style-type: none"> Storage: -20 to 70 °C (-4 to 158 °F)
Humidity	<ul style="list-style-type: none"> Operating: 10% to 95% non-condensing 	<ul style="list-style-type: none"> Storage: 5% to 95% non-condensing
Certifications	<ul style="list-style-type: none"> CE 	<ul style="list-style-type: none"> RCM
Order Information		
<i>Part Number</i>	<i>Description</i>	
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¹ Maximum wireless signal rate derived from IEEE Standard 802.11a, 802.11b, 802.11g, and 802.11n specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate. Environmental conditions will adversely affect wireless signal range.

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