

N300 Wireless **VDSL & VoIP Router**

(DS224WSGV)











Endless Fun with Smooth Wi-Fi Experience

Fast wireless data transfer rates up to 300Mbps is ideall for play music, uploading photos, Internet calling, HD video streaming and other bandwidth intensive tasks.





Satisfies your multiple needs in one device

The modem router combined the function of VDSL modem, NAT router, 4-port switch and wireless access point into one fashionable device, providing one-stop solution for your home network connection.









Supports VoIP Calls

With a FXS port, users can make or receive phone calls over the Internet simply by connecting the device to their existing telephone set.



Parental Controls

Allows you to manage network usage and access for everyone on your account, protecting your children from inappropriate online activities.



Guest Network

Provides guests with separate Internet access to ensure safety of your network.



Specifications

General

- DSL Standards: VDSL2, ADSL2/2+, ADSL
- Wireless Standards: IEEE802.11a/n/ac,5GHz, IEEE802.11b/g/n,2.4GHz
- Signal Rate: 5GHz: Up to 876Mbps, 2.4GHz: Up to 300Mbps
- Operation Frequency: 2.4GHz & 5GHz
- Reception Sensitivity:

5GHz

11a 6Mbps: -96dBm, 11a 54Mbps: -79dBm

11ac HT20: -71dBm, 11ac HT40: -66dBm, 11ac HT80: -63dBm,

11n HT20: -72dBm, 11n HT40: -71dBm

2.4GHz

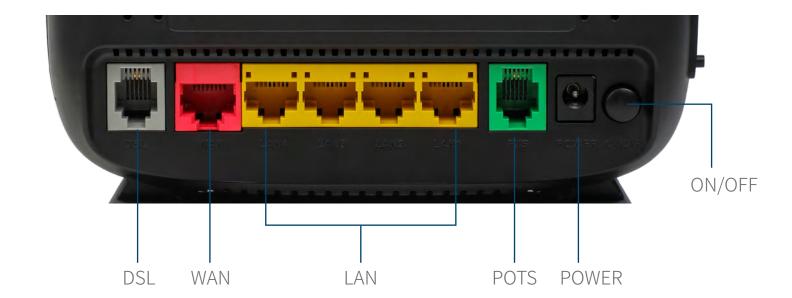
11g 54M: -77dBm

11n HT20: -74dBm, 11n HT40: -72dBm

- Wireless Security: WEP, WPA / WPA2, WPA-PSK/ WPA2-PSK encryption
- VOIP Standards: SIP (RFC3261), ITU-T G.729/G.722/G.711a/G.711

Hardware

- Interfaces: $1 \times DSL$ Port, $1 \times 10/100/1000$ Mbps WAN Port, $4 \times 10/100$ Mbps LAN Ports, $1 \times FXS$ port
- Buttons: Power ON/OFF Button, WPS Button, WiFi Button, Reset Button
- Power Supply: DC 12V 1.5A
- Antenna: 2 x 5dBi dual band internal antennas
- Dimensions (W X D X H): 154 x 150x 30mm





Specifications

Software Features

- WAN Type: ATM/PTM/ETH/Dongle
- DHCP: Server, Client, DHCP Client List, Address Reservation
- Quality of Service: WMM, Bandwidth Control
- Port Forwarding: Virtual Server, Port Triggering, UPnP, DMZ
- VPN Pass-Through: PPTP, L2TP, IPSec
- Access Control: Parental Control, Local Management Control, Host List, Access Schedule, Rule Management
- Firewall Security:

DoS, SPI Firewall

IP Address Filter/MAC Address Filter/Domain Filter

IP and MAC Address Binding

- Management: Access Control, Local Management, Remote Management
- Internet Protocol: IPv4, IPv6

Environment

- Operating Temperature: 0°C~40°C (32°F~104°F)
- Storage Temperature: -40°C~70°C (-40°F~158°F)
- Relative Humidity: 10%~90%, non-condensing
- Storage Humidity: 5%~90%, non-condensing

Package Contents

- 1 x VDSL Router
- 1 x Quick Installation Guide
- 1 x Power Adapter
- 1 x Ethernet Cable
- 1 x Telephone Line
- 1 x VDSL Splitter

Certifications

• CE, RoHS