



Easy Network, Trustable

# AC1200 Wireless Dual Band VDSL2 IAD Modem Router

## DL4480V



### Features:

- >4-in-1 device: VDSL2 modem, 4-port NAT router, VoIP gateway and wireless 11AC access point
- >VDSL2 standards ensuring high-speed Internet access up to 100Mbps downstream & upstream
- >Simultaneous 2.4GHz 300Mbps and 5GHz 900Mbps connections
- >VDSL2/ADSL2+/ADSL2/ADSL multimode
- >VDSL/VDSL2 profiles 8a, 8b, 8c, 8d, 12a, 12b, 17a, 30a, 11ac
- >ATM and PTM supported
- >Dual latency supported
- >Gigabit port for all WAN/LAN
- >USB2.0 for 3G/4G dongles and USB storage
- >Various call features such as Caller ID, Call waiting, Call forwarding, VAD (Voice Activity Detection), 3-way conference calls
- >Port mapping function ensuring wonderful IPTV experience
- >IPv6 supported for improved network usability and experience
- >Built-in firewall to safeguard home network from potential Internet attacks
- >Super lightning protection to avoid device damage caused by tough thunderstorms
- >Easy setup wizard providing quick and hassle free installation

## What it does:

DL4480V is a VDSL2 4-in-1 device that combines the functions of a high speed VDSL2 modem, 4-port NAT router, VoIP gateway and wireless AC access point. It is designed to provide end-users with a one-stop solution to acquiring and sharing high-speed Internet access over a wired/wireless network. Supporting the latest VDSL standards, brings with it much higher speed than ADSL2+. It is equipped with the next generation 802.11AC Wi-Fi technology, will offer you simultaneous dual band connection with 900Mbps wireless speeds over the crystal clear 5GHz band and 300Mbps over the 2.4GHz band, ideal for faster downloading, online gaming, Internet calling and HD video streaming. All Gigabit port for WAN/LAN, compared with the FE port, transmission speed increased by 10 times. With the VoIP function, users can make calls through the Internet and save communication fee. With two USB port for 3G/4G dongles or USB storage.

## Specification:

### Hardware

Standards	VDSL2/ADSL2+/ADSL2/ADSL multimode ATM and PTM supported IEEE 802.3/802.3u, IEEE 802.11b/g/n Voice Codec: G.711 a-law, G.711 u-law, G.729A, G.722, G.726, G.723.1	VDSL/VDSL2 profiles 8a, 8b, 8c, 8d, 12a, 12b, 17a, 30a, 11ac Dual Latency SIP (RFC3261)
Interface	1* RJ11 Port for DSL 4* 10/100/1000Mbps Auto MDI/MDIX RJ45 LAN Port 2* USB2.0 Port	2* RJ11 (FXS port) for VoIP Phone calls 1* 10/100/1000Mbps Auto MDI/MDIX RJ45 WAN Port
LED	Power, LAN, WLAN, WPS, DSL, Internet, PHONE1, PHONE2	
Power Supply	DC 12V/2A(Output)	
Button	Power, WPS, Reset	
Dimensions (L x W x H)	185mm x 25mm x 170mm	

### Software

DSL Version	Support VDSL2/ADSL2+/ADSL2/ADSL multimode	
Data Rate	Downstream: Up to 100Mbps Upstream: Up to 100Mbps	
ATM/PPP Protocol	ATM Forum UNI3.1/4.0 PVC (up to 8PVCs) ATM QoS VC and LLC Based Multiplexing PPP over ATM (RFC 2364)	ATM Adaptation Layer Type 5 (AAL5) Bridged and Routed Ethernet Encapsulation PPP over Ethernet (RFC2516) IPoA (RFC1577/2225)
Main Feature	DHCP, DHCP Relay VPN (PPTP, L2TP, IPsec) Pass-through DNS Relay, DDNS Virtual Server, DMZ, ACL (Access Control List) IPv6	NAT, Static Routing PVC/Ethernet Port Mapping IGMP Multicast, IGMP Snooping v1/v2 UPnP
Management	Web Based Configuration (HTTP), Remote Management, Telnet Management, Command Line Interface, TR-069, SNMP, Web Based Firmware Upgrade, CWMP, Diagnostic Tools	
VOIP Features	Caller ID, Call waiting, Call forwarding, VAD (Voice Activity Detection), 3-way conference calls	
Wireless Standards	IEEE 802.11b/g/n 2.4GHz, IEEE 802.11a/n/ac 5GHz	
Frequency Range	2.4-2.4835GHz; 5.180-5.825GHz	
Wireless Speed	Up to 300Mbps 2.4GHz, Up to 900Mbps 5GHz	
Data Transfer Rate	802.11ac: 80MHz(450Mbps, 900Mbps) 802.11n: 40MHz(300Mbps, 270Mbps, 240Mbps, 180Mbps, 120Mbps, 90Mbps, 60Mbps, 30Mbps) 20MHz (144Mbps, 130Mbps, 115Mbps, 86Mbps, 57Mbps, 43Mbps, 28Mbps, 14Mbps) (Auto-Sense) 802.11g: (54Mbps, 48Mbps, 36Mbps, 24Mbps, 18Mbps, 12Mbps, 11Mbps, 9Mbps, 6Mbps) 802.11b: (11Mbps, 9Mbps, 6Mbps, 5.5Mbps, 2Mbps, 1Mbps)	
Wireless Security	WEP 64/128bits, 802.1x Authentication	WPA(TKIP/AES)/WPA2(TKIP/AES)/WPA2 Mixed, Wireless MAC Filtering
Wireless Transmit Power	20dBm	
Antenna Type	4* 5dBi Internal Antenna	

### Others

Certification	CE, FCC	
Environment	Operating Temperature: 0°C~40°C Operating Humidity: 10%~90%RH non-condensing	Storage Temperature: -40°C~70°C Storage Humidity: 5%~90%RH non-condensing
Package	1* DL4480V 2* RJ11 Telephone Cable 1* VDSL Splitter	1* 12V/2A Power Adapter 1* RJ45 Ethernet Cable 1* Quick Installation Guide

Topological Graph:

### Application 1 : 3G/4G Access

Wired \_\_\_\_\_  
Wireless - - - -



### Application 2 : WAN Access

