

VDSL2 Modem



The PLANET VDSL2 Modem - VC-301 is a very high performance VDSL2 bridge modem providing one RJ-11 port for connecting to VDSL2 CO and one 10/100M Ethernet RJ-45 port for connecting to local PC. The VC-301 uses highly integrated chipsets solution and supports the VDSL2 and VDSL standards.

The VC-301 can provide very high performance access to Internet, both downstream and upstream up to 100Mbps. It offers rich feature set for IPTV and triple play that includes on-chip classification, queuing and scheduling for enhanced Quality of Service (QoS) in IPv4 and IPv6 networks, enhanced Impulse Noise Protection and etc. The Ethernet sections are compliant with IEEE802.3/802.3u standards.

The VC-301 is usually preferred to provide Ultra-high Internet access, IPTV, and triple play applications for the individual users, SOHO, enterprises and so on.

KEY FEATURES

Internet Access Features

- **Shared Internet Access.** All users on the LAN can access the Internet through the VC-301 using only a single external IP Address.
- **Ultra High Data Rate.** The VC-301 offers data transfer rates up to 100Mbps for Downstream and Upstream bandwidth which is higher than traditional ADSL. The greater bandwidth could be provided for multiple services over copper wire such as streaming video, Internet surf and VoIP (Triple Play). SOHO, business user and home user can enjoy high quality internet service access.

Advanced Internet Functions

- **Supports VDSL2 8a/8b/8c/8d, 12a/12b, 17a, 30a Profiles.** The VC-301 offers multiple profiles for all common VDSL and VDSL2 connections.

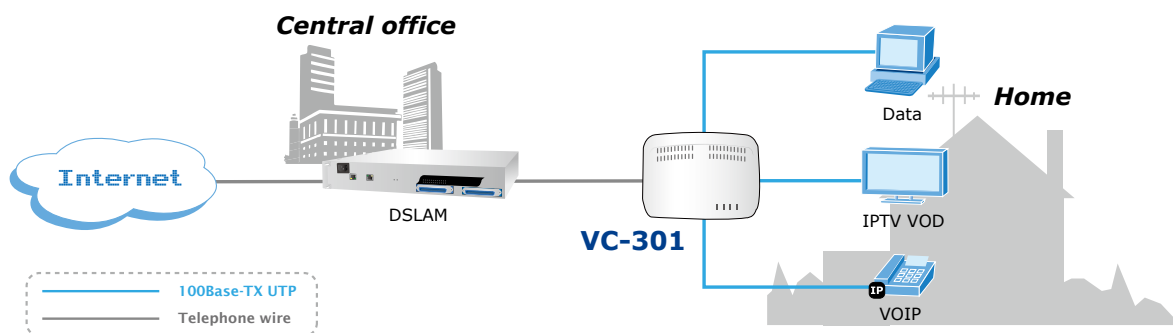
LAN Features

- **1-Port Ethernet.** The VC-301 provided a 1-port 10/100BaseT Ethernet port to connect your PC.

APPLICATIONS

High Speed Wired Internet Connection

The VC-301 is the perfect solution to connect streaming video, VoIP, and Internet surf with high-speed broadband connection. Users are able to enjoy high quality Internet access.



SPECIFICATION

Product	VDSL2 Modem	
Model	VC-301	
Hardware		
Ports	WAN	1 x RJ-11 Port (VDSL2)
	LAN	1 x RJ-45 Port (10Base-T/100Base-TX, Auto-Negotiation, Auto MDI/MDI-X)
Standard	VDSL2-DMT -ITU-T G.993.2 VDSL2 (8a, 8b, 8c, 8d, 12a, 12b, 17a, 30a) and support to Upstream 100Mbps / downstream 100Mbps. -ITU-T G.993.1 VDSL	
	Complaints IEEE802.3/802.3u ETSI TS 101 270-1 V1.3.1 and TS 101 270-2 V1.21 Band Plan 997 and 998 Support U0 Band Support (25KHz to 276KHz) Packet Transfer Mode Ethernet in the First Mile (PTM-EFM)	
Protocol	Bridging to 1 LAN port. Extended US0 band up to 276KHz	
LED Indicators	PWR, LINK(DSL ACT), LAN(LNK/ACT,100)	
Button	1 x power button	
Environment Specification		
Dimension (W x D x H)	168 x 125 x 24 mm	
Power	5V DC, 1.5A	
Temperature	Operating: 0~50 Degree C	
	Storage: -20~70 Degree C	
Humidity	Operating: 5%~ 90% (non-condensing),	
	Storage: 0~95% (non-condensing)	
Emission	FCC, CE	

ORDERING INFORMATION

VC-301	VDSL2 Modem (1 x RJ-11 Port, 1 x RJ-45 Port)
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