VDSL2 Router

The PLANET VDSL2 Router, VC-200M / VC-200S is based on two core networking technologies: Ethernet and VDSL2 (Very High Speed Digital Subscriber Line 2). This technology offers the absolute fastest possible data transmission speeds over existing copper telephone lines without the need for rewiring.

The ideal situation, the date rate of VDSL2 can up to 40Mbps upstream and 100Mbps downstream.

The VC-200M / VC-200S supports ITU-T G993.2, and provide selectable operating mode of bridging and routing.

Via the user-friendly management interface, VC-200M / VC-200S can be managed by computer running standard web browsers. Furthermore, VC-200M / VC-200S provides DHCP server, NAT, virtual server, DMZ, DNS proxy, and UPnP capability. It provides the natural firewall function (Network Address Translation, NAT). All incoming and outgoing IPs are monitored and filtered

VC-200M / VC-200S provide 4-port 10/100 Ethernet switch, it provide data deliver and receive in local network, so that it is the best selection for small enterprise and residence.

KEY FEATURE

INTERNET ACCESS FEATURES

- **Shared Internet Access** All users on the LAN can access the Internet through the VC-200M / VC-200S using only a single external IP Address. The local (invalid) IP Addresses are hidden from external sources. This process is called NAT (Network Address Translation)
- **Built-in VDSL2 modem** The VC-200M / VC-200S provides VDSL2 modem, and supports all common VDSL2 connections.
- **Fixed or Dynamic IP Address or PPPoE** On the Internet (WAN port) connection, the VC-200M / VC-200S supports both Dynamic IP Address (IP Address is allocated on connection) and Fixed IP Address

ADVANCED INTERNET FUNCTIONS

- **Virtual Servers** This feature allows Internet users to access Internet servers on your LAN. The required setup is quick and easy
- **Firewall** Supports simple firewall with NAT technology
- **Universal Plug and Play (UPnP)** UPnP allows automatic discovery and configuration of the Broadband Router. UPnP is supported by Windows ME, XP, or later
- **Selectable VDSL2 transmission modes** User can choose transmission modes (8a, 8b, 12a, 12b, and 17a) through management interface on VC-200M / VC-200S
- **User Friendly Interface** VC-200M / VC-200S can be managed and controlled through Web UI
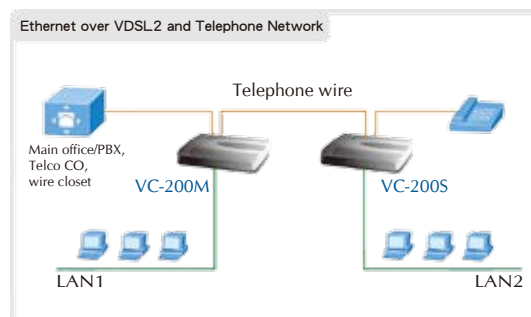
LAN FEATURES

- **4-Port Switch** The VC-200M / VC-200S incorporates a 4-port 10/100BaseT switching hub, making it easy to create or extend your LAN
- **DHCP Server Support** Dynamic Host Configuration Protocol provides a dynamic IP address to PCs and other devices upon request. The VC-200M / VC-200S can act as a DHCP Server for devices on your local LAN

SPECIFICATION

Product	VDSL2 Router
Model	VC-200M (Master)
	VC-200S (Slave)
Hardware Specification	
Standard	VDSL2-DMT
	-ITU-T G.993.2 VDSL2 (Profile 8a, 8b,12a,12b,17a Support)
	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 and routing of up to 4 LAN ports
	Programmable band plan
	Programmable tone spacing of 4KHz or 8KHz
	Extended US0 band up to 276KHz
	AAL5 interworking via LLC encapsulation or VS multiplexing according to
	RFC2684
Ports 10/100Base-TX	4 x 10Base-T / 100Base-TX, Auto-Negotiation, Auto MDI / MDI-X
PHONE	1 x RJ-11, and built-in splitters for POTS / SDN connection
VDSL2	1 x RJ-11
LED Indicators	PWR, DSL (LNK, ACT), LAN1-4 (LNK / ACT, 100)
Button	1 x RESET button
Software	
Protocol	Static Routes
	IP Multicast Outbound Support Through NAT
	DHCP Client, and DHCP Server
	DNS Proxy
	NAT, static routing
	NAT supports PAT and multimedia applications
Security	Built-in NAT Firewall
	Virtual DMZ / IP Pass-Through
	Password protection for system management
Management	Web-based configuration
Environment Specification	
Dimension (W x D x H)	186 x 143 x 35mm
Power	12V DC, 1A
Temperature	Operating: 0~50 Degree C, 5%~ 90% (non-condensing),
Humidity	Storage: -20~70 Degree C, 0~95% (non-condensing)
Emission	FCC, CE

APPLICATIONS

Internet Connection with Wired

The VC-200M / VC-200S is the perfect solution to connect a small group of PCs to high-speed broadband Internet connection. Multi-users have Internet access simultaneously.

Ethernet over VDSL2 and Telephone Network

ORDERING INFORMATION

VC-200M	VDSL2 Router, Master Mode
VC-200S	VDSL2 Router, Slave Mode

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