VDTU2-R140

VDSL2 Router with 4-Ports Ethernet

VDTU2-R140 is a single-VDSL2-port router with 4x 10/100Mbps Ethernet ports. It adopts the latest VDSL2 technology (ITU G.922.3), which has the extraordinary bandwidth and supports up to VDSL2 profile 30a, and it is perfectly suitable for triple play applications (video, voice and data). VDTU2-R140 is a cost effective solution that delivers high-speed Internet access to end-users over existing copper wire infrastructure. Also, it is designed to meet the requirements of ISPs and carriers that intend to use one DSL device to cover end users in different loop range areas. In addition, it provides great flexibility for their end-users to comply today's rapid-changing Internet demands. Based on the latest VDSL2 technology, VDTU2-R140 presents a cost-effective solution with high-speed Internet access over standard copper telephone cable.
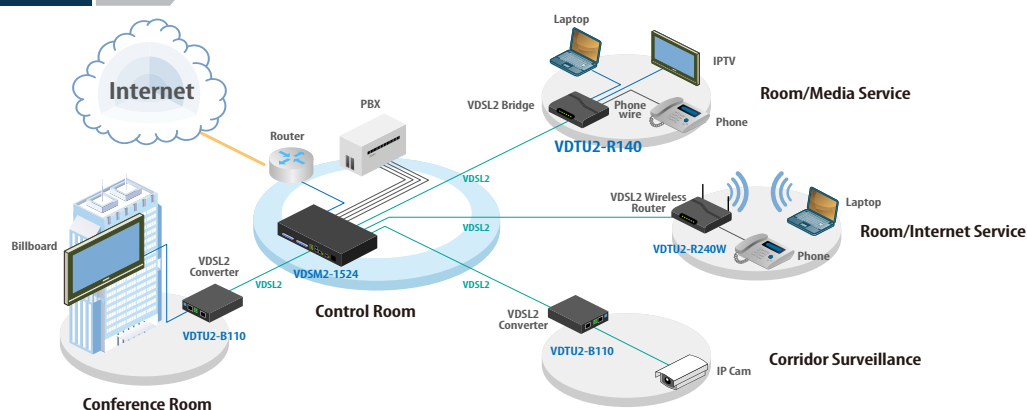
Feature

- Supports point-to-point mode (support both CO and CPE modes)
- Interoperable with major VDSL2 chipset solutions including Ikanos, Infineon, and Broadcom
- Supports up to VDSL2 profile 30a
- Supports up to 100Mbps for both Upstream and Downstream
- Build-in UPnP available, which allows automatic discovery and the broadband router's configuration
- IP/MAC address filtering
- Static route/RIP/RIP v2 routing functions
- Dynamic IP assignment
- Supports QoS to enhance traffic efficiency
- Supports NAT, which allows multiple users access the Internet with only one single external IP address
- IGMP Proxy and fast leave
- DHCP Server/Relay/Client. DNS Proxy, DDNS
- Embedded SNMP agent
- Web-based management with a friendly graphical user interface
- Configuration backup and restoration
- Spports MTU 1790 bytes

Specifications

Standards	Compliant with ITU VDSL2 standard G.993.2 Annex A, Annex B and Annex C
	Supports VDSL2 profile: 8a, 8b, 8c, 8d, 12a, 12b, 17a and 30a
	Band plan profile: symmetric (Plan 997) and asymmetric (Plan 998)
	Built-in POTS splitter to share voice and data (Optional)
Management	Web-based GUI for quick setup, configuration and management
	Firmware upgradable from Web
	SNMP management with SNMP agent and MIB II
Interfaces	Ethernet: 4 X RJ-45 connectors for Ethernet 10/100Mbps ports with Auto-MDI/MDIX
	VDSL : 1 X RJ-11 connector for VDSL2 port
QoS	Port Based
	802.1p
	ToS/DSCP
	4 priority queues per port
	WRR/WFQ/SP/BE
Power	AC Adapter : 100V-240V± / 10%
	Output : DC 12VDC

LAN	Filtering functions for MAC/IP/Port.
	Port Based VLAN & IEEE 802.1q VLAN Tagging
	Port configuration for Bandwidth/Duplex/Speed/Flow control
Routing	Static routing and RIP v1/v2(RFC 1058/2453)
	Support IP/TCP/UDP/ARP//IGMP
	IGMP snooping and proxy (RFC 1112/2236)
	NAT ALGs for ICQ/NetMeeting/MSN/Yahoo Messenger
	DNS relay and caching (RFC 1034/1035)
	DHCP server, client and relay (RFC 2131/2132) Dynamic DNS
	IP precedence (RFC 791) (Firewall router)
Firewall	DMZ host
	Virtual server mapping (RFC1631)
	VPN pass-through for PPTP/ L2TP/ IPSec tunneling
	NAT firewall
	User access control
Weight	300g
Dimensions	131.5 x 180 x 36.5 mm (D x W x H)

Application

Ordering Information

Model Name	Description
VDTU2-R140	VDSL2 Router with 4-Port Ethernet and POTS splitter (600 ohm)

CTC union

Specifications & design are subject to change without prior notice. Please visit CTC Union website for more details.