

NEW



VDTU2-R240W

VDSL2 802.11n Wireless Router

VDTU2-R240W is a VDSL2/ADSL2+ 802.11n Wireless router with four fast Ethernet LAN ports and USB Host. It is compliant to ITU-T G.993.2 standard and supports VDSL2 30a profile that features 100Mbps of symmetric data rate over local loop. With built-in 802.11n technology, VDTU2-R240W can deliver wireless speed up to 300 Mbps and is perfectly suitable for triple play applications (video, voice and data). VDTU2-R240W VDSL2 Router 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, it provides a great flexibility for their end-users to comply today's rapid-changing Internet demands. VDTU2-R240W VDSL2 is a cost-effective and high-speed Internet access solution that can provide users a smooth and reliable wireless connection.

Features

- Automatically switches from VDSL2 to ADSL2+
- Supports VDSL2 profiles 8a/8b/8c/8d/12a/12b/17a/30a
- Equipped with a one-click Wi-Fi Protected Setup (WPS) button
- Security protection with firewall
- Web-based management with user friendly interface.
- Configuration backup and restoration
- TR-069 Remote Management (Optional)

Specifications

Interfaces	
LAN	4x RJ-45 10/100Base-T Auto-sensing and Auto-MDIX switch, supports IPv6
USB	USB host x 1
Wi-Fi	802.11b/g/n and 2 External antennas
RST	"Factory reset" button & reboot button
WPS	WPS push button
Power	ON/OFF switch
DSL Compliance	
ADSL	G.dmt (ITU G.992.1) Annex A, B G.lite (ITU G.992.2) Annex A, B G.hs (ITU G.994.1) G.bond (ITU G.998.1) Maximum rate : 8 Mbps for downstream / 1 Mbps for upstream G.dm.bist + A196 (ITU G.992.3) Annex A, B G.lite.bis (ITU G992.4) Annex A, B Maximum rate : 12 Mbps for downstream / 1 Mbps for upstream G.dmt.bisplus (ITU G992.5) Annex A, B Maximum rate : 24 Mbps for downstream / 1,2 Mbps for upstream
ADSL2+	Up to 8 PVCs Supports encapsulation of bridged Ethernet over AAL5 (RFC 2684,formerly RFC1483) Supports encapsulation of routed IP over Ethernet over AAL5(IPoE) Supports encapsulation of routed IP over AAL5 (IPoA) Supports Classical IP according to RFC 2225 (formerly RFC1577) Supports PPPoA according to RFC 2364 Supports PPPoE(default) according to RFC 2516 Supports multiple levels of QoS
VDSL2	ITU G993.2 Annex A, B, C VDSL2 (ITU G993.2) Annex A,B,C, support Band plans 997, 998 refer to Annex B Up to 17 Mhz profile (POTS/ISDN) Supports VDS2 profile 8a, 8b, 8c, 8d, 12a, 12b, 17a, 30a Supports ATM and PTM transparent (dual-priority & dual latency) for user data

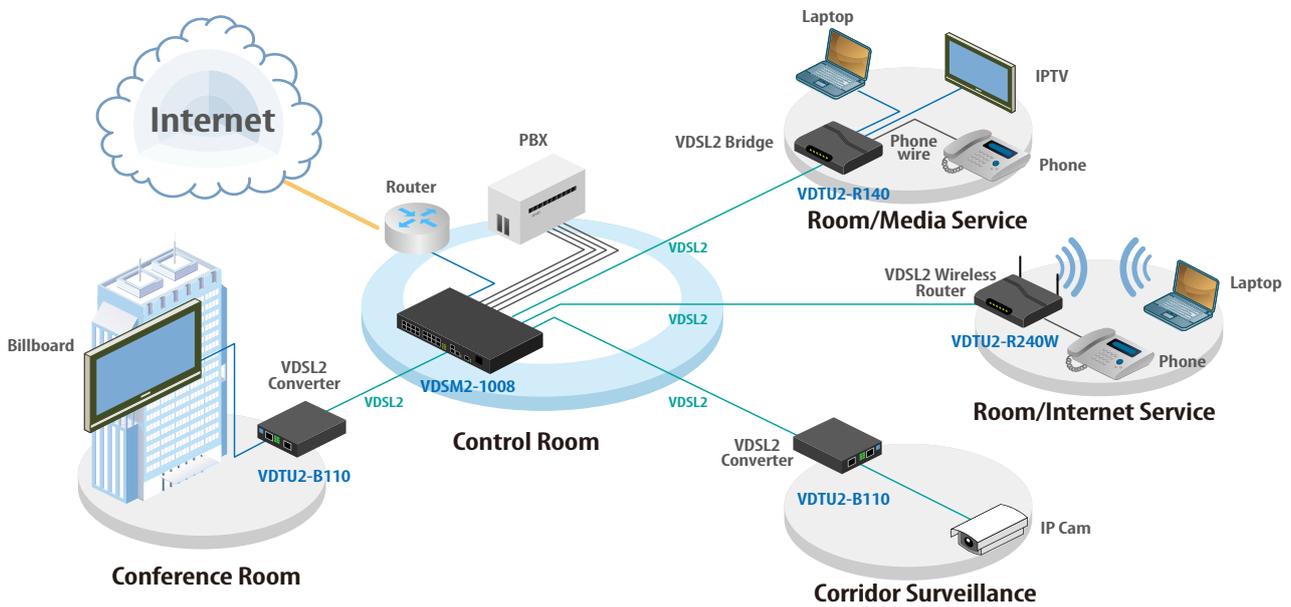
WLAN	Compliant with IEEE 802.11b, 802.11g, and IEEE 802.11n standards 2.4 GHz configurable (5 GHz Optional) Up to 300 Mbps wireless operation rate RF Output Power: 15 ± 1.5 dBm in 2.4 GHz 64/128-bit Wireless security with WPA/WPA-PSK, PA2/WPA2-PSK, Mixed WPA/WPA2 support WPS (WiFi Protected Setup) for easy setup
USB	File Sharing 3G backup support
VPN	VPN Pass-through
Management	Web-based GUI for remote and local management (HTTP/HTTPS) Quick Start Wizard Configuration Backup and Restoration Firmware upgrade through TFTP/FTP and HTTP SNMP management with SNMP agent and MIB II Supports Syslog TR-069 (Optional)
QoS	ATMQoS : UBR (Default), CBR, VBR-rt, VBR-nrt 802.1p IP DSCP

Specifications

Firewall	IPv6 Firewall
	Packet filtering
	URL filtering
	Parental control
Routing	Static routing and RIP v1/v2 (RFC 1058/2453)
	Supports IP/TCP/UDP/ARP/IGMP
	IP multicast and IGMP proxy (RFC 1112/2236)
	Network Address Translation (NAT/PAT)
	DNS relay and caching (RFC 1034/1035)
	DHCP server
	IP precedence (RFC 791) (Firewall router)

Power	AC Adapter : 100V-240V± / 10%
	Output : DC 12VDC
Certification	CE, FCC, RoHS compliant

Application



Ordering Information

Model Name	Description
VDTU2-R240W	VDSL2 Wi-Fi Router with 4-Port 10/100-TX Ethernet

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