VDT4840W

VDSL Customer Premise Equipment

Features

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- o **VDSL2 VECTORING**
- o **ADSL/ADSL2/ADSL2+**
- o **4 LAN PORTS**
- o **BUILT-IN 802.11N ACCESS POINT**
- o **USB 2.0 PORT**
- o **MANAGEMENT VIA TR069**
- o **COMPACT DESIGN**
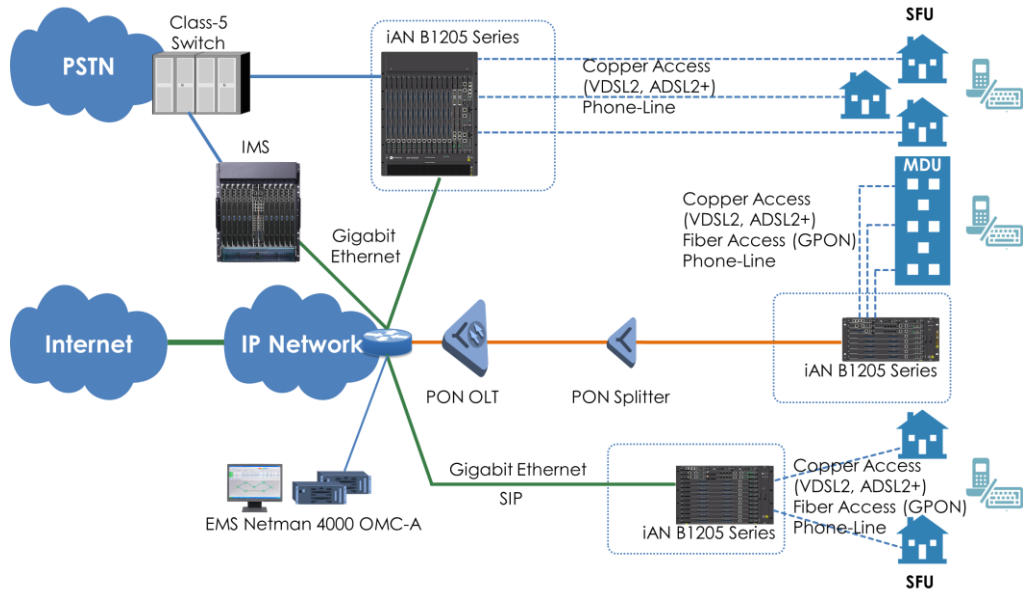
Description

The VDT4840W is a high-performance modem router supporting ADSL2+/VDSL2 for high-speed access to broadband services.

The router provides great flexibility and convenience to customers, supporting 4 LAN ports and built-in 802.11n wireless access point.

The product supports USB 2.0 host interfaces that can be used to connect external equipment such as storage, printers, etc. It also enables a user to share documents, movies, pictures, or other files over the network.

Centralized management via TR069 with support of remote upgrade helps operator streamline network operation.

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Product Details

POWER

Power supply   170V to 255V AC
Adapter   DC 12V/2A

ENVIRONMENTAL

Operating temperature	0℃ to 50℃
Operating humidity	5% to 95% non-condensing
Storage temperature	-20℃ to 70℃
Storage humidity	5% to 95% non-condensing

Technical Specifications

INTERFACES

4 x 10/100Mbps Base-T, RJ45
1 x DSL port RJ11
802.11b/g/n WiFi
1 x USB 2.0

BUTTONS

1 x Power Button
1 x Reset Button
1 x WPS Button
1 x WiFi On/Off Button

LED

Power, DSL, Online, WLAN, WPS

USB

Provide USB Host 2.0 interface to connect external equipment like storage, printer etc.
Support access to storage device through FTP

VDSL

Support VDSL2: ITU-T G993.2
Standard Compliancy with support to profile 8a, 8b, 12a, 12b, 17a
Support VDSL vectoring: ITU-T G.993.5 both in downstream and upstream
Compliancy with ITU-T G.998.4 (Retransmission Functionality) and Seamless Rate Adaptation, SRA (ITU-TG.993.2)
ATM and PTM
G.INP, UNI3.0, 3.1 and 4.0
CBR, UBR, VBR-rt, VBR-nrt
ITU-T i.610F4/F5 OAM

ADSL

Compliancy with Annex A ADSL technology:
• ITU-T G.992.1 (ADSL)
• ITU-T G.992.3 (ADSL2)
• ITU-T G.992.5 (ADSL2+)
• Annex M (extended upstream bandwidth)
• Annex L (Reach Extended ADSL2)
• T1.413i2, G.dmt, G.992.2, G.lite
• ITU G.994.1 (G.hs), upto 8 PVC

RFC

RFC2684, RFC1483, RFC2364, RFC2516, RFC1662, RFC1332, RFC1577/2225, RFC894, RFC1042, MER, Support ALG (Application Level Gateways)

LAYER 3

Dynamic IP, Static IP, PPPoE
DHCP server and client
IPv4, IPV6, and Dual Stack
DDNS, DNS
Default, Policy, and Static routes
ARP, TCP, 802.1P

MULTICAST

IGMP v1/v2/v3 Snooping
IGMP Proxy

NAT

Port Mapping, Port Triggering, DMZ, ALG, UPnP

WIRELESS

Standards
• IEEE 802.11 b/g/n
• IEEE 802.3i, IEEE 802.3u
• IEEE 802.3ab, IEEE 802.3az Energy Efficient Ethernet, IEEE 802.3x Flow Control
Functions
• WMM, MAC Filter
• Auto-Channel Reselection
Authentication
• WPA-PSK; WPA2-PSK

SECURITY

NAT /SPI Firewall
MAC/IP/ Filtering
IP and MAC Address Binding
LAN/WAN access control, ACL
User configurable password with special character , VPN passthrough

MANAGEMENT

Support TR069, Web configuration
Firmware Upgrade: Remote via TR069
SNMP, Telnet, HTTP, SNTP, Supports all OS