



VDSM2-1008

1U, 8-Port VDSL2 IP DSLAM

VDSL2 IP DSLAM

VDSM2-1008 is a compact 8-port VDSL2 IP DSLAM with 2 Gigabit Ethernet Combo interfaces and built-in POTS splitter. It is compliant to ITU-T G.993.2 standard and supports VDSL2 30a profile that features 100Mbps of symmetric data rate over the existing copper wires. VDSM2-1008 is an ideal choice for ISPs and System Integrators that are looking for a high performance broadband solution for their triple play (Video, Voice and Data) applications. VDSM2-1008 is designed to connect with the growing Carrier Ethernet infrastructure, it provides great flexibility for service providers to customize their services and brings them reliable, secure and high quality network access at low cost. In addition, VDSM2-1008 offers user-friendly management interfaces that allow service providers to monitor and control their services in a highly secure and efficient way. It features the supports for Port-based/ Protocol-based VLAN, Q-in-Q, VLAN Mapping, VLAN translation, L2/L3 frame filtering and secured forwarding. Furthermore, VDSM2-1008 supports traffic classification including CoS (802.1), VLAN ID, ToS and DSCP. With all these powerful and advanced features, VDSM2-1008 Mini IP DSLAM is the perfect solution for service providers to deploy their broadband access, IP Surveillance, Hospitality and MTU/MDU applications.

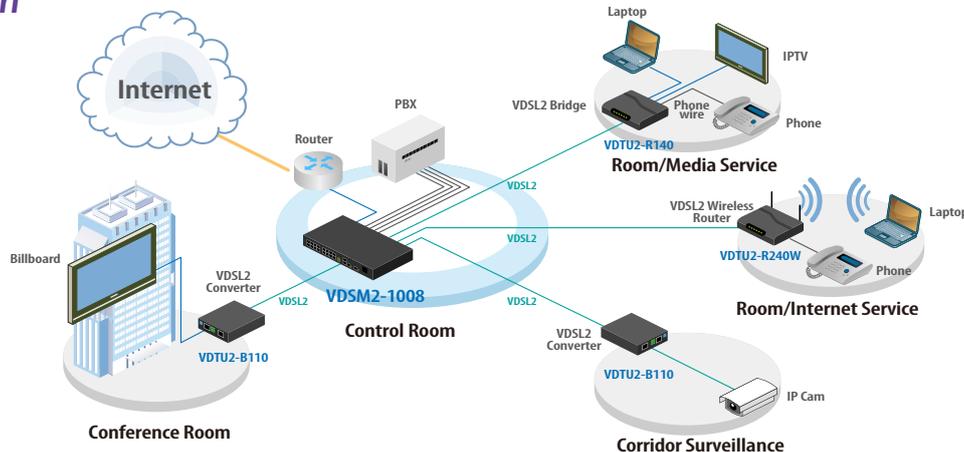
Features

- 1U design, 8 VDSL2 ports with POTS splitter
- Provides 3-FAN cooling mechanism and support low/middle/full speed based on programming temperature
- Supports VDSL2 profiles 8a/8b/8c/8d/12a/12b/17a/30a
- Supports traffic classification, such as QoS, ToS and DSCP
- Supports Port Security with MAC address filtering
- Supports Port-Based VLAN, Protocol-Based VLAN and VLAN Mapping
- Supports IEEE 802.1d STP/IEEE802.1w RSTP & IEEE-802.1s MSTP
- DHCP /Client/Relay/Option82, DNS Proxy
- Flexible deployment and maintenance
- Web-based management with a user friendly interface
- Configuration backup and restoration

Specifications

Interfaces	RJ-11 x 8 VDSL2 Ports / RJ-11 x 8 POTS Ports 2x Gigabit Ethernet Combo ports (100/1000Base-T and SFP) 1x RJ-45 Console Port 1x RJ-45 Alarm Port for 4 Alarm Inputs	Power Consumption	30Watts maximum
LED Indicators	System : PWR Gigabit Port : LINK/ACT, SPEED 1000/100 Alarm : RUN/ALARM VDSL : VDSL Link/Sync	Protocols	IGMP Snooping/Proxy v1, v2 and v3 Multicast Forwarding with IGMP Snooping v1 and v2 (RFC 1112 and RFC 2236) Multicast MAC address mapping Up to 512 Multicast Channels Profile-based Multicast Access Control (up to 8 profiles) Fast and Normal Leave Modes
Standards	VDSL2 ITU-T G.993.2 VDSL2 Profiles: 8a, 8b, 8c, 8d, 12a, 12b, 17a and 30a 802.1d L2 Bridging DHCP/Client/Relay/Option82 IEEE 802.1q VLAN Tag base VLAN Stacking (Q-in-Q) IEEE 802.1d Spanning Tree Protocol (STP) IEEE 802.3ad Link Aggregation	Security	L2 Frame Filtering by MAC Addresses L3 Frame Filtering by IP Addresses, protocol ID, and TCP/UDP DHCP and ARP Broadcasting Frames Filtering Supports Secured Forwarding
Certification	CE, FCC Part 15 Subpart B, VCCI, EN60950	Management	Local Management: RS-232 and Telnet CLI, Web/SNMP management Remote in-band Management: Web/SNMP/Telnet Supports SNMP v1/v2/v3
Dimensions	174 x 404 x 44.5 mm (D x W x H)	Environment	Operating Temperature : -10°C to 50°C Storage Temperature : -40°C to 70°C Humidity : 10% - 95% (non-condensing)
Power	100-240 V AC, 50-60 Hz		

Application



Ordering Information

Model Name	Description
VDSM2-1008	8-Port VDSL2 IP DSLAM with POTS Splitter (600 ohm)

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