

VDSL With SNMP Management IP DSLAM VRM-308



2x10/100/1000Mbps Giga Ethernet plus 8 x 25Mbps

The VRM-308 is a VDSL IP DSLAM that aggregates 8 lines of 4-band Very-High-Data-Rate Digital Subscriber Line (VDSL) into Giga Ethernet uplinks for high-speed data/Internet services. Based on QAM-based 4-band VDSL technologies, VRM-308 extends data service with line rate of solution for services such as remote lecturing, telemedicine, video conferencing, Video-on-Demand (VoD), IP-TV etc. Internet access, and other various high-speed data applications. VRM-308 also provides a suite of Enhance Layer-2 switching features such as IP multicasting(IGMP), Spanning tree, Link aggregation, port mirroring, port-based VLAN, IEEE 802.1Q Tagging VLAN etc, and IEEE 802.1p Class of Service with 2-level priority queuing to optimize network security/performance and MAC Filtering & IP Limitation.

It supports easy management through the use of a web-based management user interface, and Telnet, SNMP remote access, VRM-308 utilizes Adaptive Hybrid technology and is therefore splitterless. When the number of subscribers increases, the second uplink fast Ethernet interface can be used to daisy chain to another VRM-308. Alternatively, multiple VRM-308 can be connected to another LAN switch to form a two-tier configuration, thus supporting a lot more subscribers. The VRM-308 is an ideal solution for delivering cost-effective, high-performance broadband/multimedia services to Multi-Tenant Units (MTUs) or Multi-Dwelling Units (MDUs) such as hotels, campus, hospitals and telecom.

Features

- Provides High Bandwidth up to symmetrical 25 Mbps VDSL ports
- Provides 2 x 10/100/1000Mbps Ethernet RJ-45 Ports with Auto MDI/MDIX
- Supports quality of phone wiring detected with SNR (Signal to Noise Ratio) indications
- Supports GARP/GVRP IEEE-802.1p/q VLAN with 256 groups static Vid or 4094 groups dynamic Vid
- Supports port base V-Lan
- Supports IEEE 802.1v protocol V-Lan
- Supports Auto-speed
- Supports COS IEEE-802.1p
- Supports Multicast IP table/IGMP v2 with 512 groups
- Supports LACP IEEE-802.1ad Port Trunking(Link aggregation)
- Supports IEEE 802.1d Spanning trees for MAC bridge with redundant link
- Surge protected for VDSL ports
- Using adaptive Hybrid Technology and is therefore splitterless
- Supports port Mirroring (Sniffer)
- Support Broadcast Storm filtering
- Ethernet transport with POTS / ISDN traffic over single copper wire pair
- Spectral compatibility with XDSL, ISDN(2B1Q/4B3T),HomePNA.
- Supports port security with MAC address filtering & IP limitation.
- Supports Web Base and Telnet for remote management
- Supports system POST LED
- Supports SNMP v1 RFC-1493 Bridge MIBs
RFC-1643 Ethernet MIB
RFC-1213 MIB II
CTC MIB(Fan and Temperature management)
- Supports RMON groups 1(Statistics), 2(Alarm), 3(Event), 9(History)
- Cascading up to 8 Units along with Giga switch
- Supports TFTP/XMODEM for firmware upgrade
- Supports In-Band/Out-of-Band Management
- Supports Fan & Temperature Monitor & management