

VO1245

24-Ports GEPON MDU



Features

- Support high bandwidth to 100/100 Mbps
- Support QoS for Triple-Play
- Support SNMP management
- Support GEPON uplink

The TECOM VO1245 is a DMT (Discrete Multi-Tone) based VDSL solution with GEPON interface for FTTB/C/N. It offers high bandwidth and excellent performance for remote side and MxU application, such like hotels, hospitals, and school campuses. For Multi-Services, it provides reliable QoS and rate limiting to differentiate services. The VO1245 supporting SNMP and MIBs, which can be managed via web management easily. Not only remote management, the local management is also supported though console port.

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Specifications

Hardware

- ETSI 1.5U rack mountable.
- Front access (all interfaces)
- VDSL speed up to : 100/100 Mbps (30a)
- One Telco 50 for 24 VDSL ports
- One Telco 50 for 24 POST ports
- 1 x Optical Interface (SC connector)
- One console port (DB9) for local management
- One 10/100/1000 Mbps MGMT port
- Built-in POTS/ISDN splitter
- Hot-Swappable FAN module
- Four relay contacts as alarm inputs

Compliant Standards

- IEEE 802.3ah
- ITU-T Rec. G.993.2 profiles 8d, 12a, 12b and 17a, 30a
- IEEE 802.3 Ethernet
- IEEE 802.3u Fast Ethernet
- IEEE 802.3x Flow Control
- IEEE 802.3ad LACP Aggregation
- IEEE 802.1d Spanning Tree
- IEEE 802.1w Rapid Spanning Tree
- IEEE 802.1Q VLAN
- IEEE 802.1p
- RFC MIBI & II; SNMPv1 & v2

OAM

- Alarm/Status Surveillance
- Performance Monitoring
- Remote Syslog
- Web, Telnet, FTP management for FW upgrade
- Text based configuration back up and restore
- SNMP Management
- DHCP Relay and Option 82

QoS

- 802.1p Support
- 8 Priority Queues
- Port based Egress and Ingress Traffic Shaping
- Rules based bandwidth control
- Storm control
- ACL for Traffic Classification and Policy
- DSCP to 802.1p Mapping

Multicasting

- IGMP v1 & v2
- IGMP Snooping & Filtering
- IGMP Proxy - Reporting
- Fast Leave

Security

- 802.1x Port Authentication by Radius Server

Physical Specifications

- Dimension: 490 (W) x 350 (D) x 66 (H)mm
- Weight: 6.5 kg

Power Requirement

AC version

- Input voltage of AC: 100 ~ 240VAC; 50/60Hz
- Max power rating: 100W
- Max power rating per VDSL port: 2.5W

DC version

- -36VDC to -75VDC

Environment Specifications

- Temperature: 0°C ~50°C
- Humidity: 5~95% (non-condensing)

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