

# VE2241

## 24-Ports VDSL2 Switch



### Features

- Support high bandwidth to 100/100 Mbps
- Support QoS for Triple-Play
- Support SNMP management
- Support fiber/copper combo interfaces for uplink

**T**ecom VE2241 is a DMT (Discrete Multi-Tone) based VDSL solution in Central Office. 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 VE2241 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.

# VE2241

## 24-Ports VDSL2 Switch

### 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
- 2-slot 100/1000Mbps Ethernet uplink/downlink and 2-slot Gigabit SFP fiber uplink/downlink (Combo)
- 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

- ITU-T Rec. G.993.2 profiles 8d, 12a, 12b and 17a, 30a
- IEEE 802.3 Ethernet
- IEEE 802.3u Fast Ethernet
- IEEE 802.3z Gigabit 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)

Copyright © 2009 Tecom Co., Ltd. All rights reserved. Tecom, Tecom logo are registered trademarks of Tecom Co., Ltd. All specifications are subject to change without notice.