

V5628-2A2/2B2 EPON MDU Datasheet v2.0



✓ Standalone 1U Product

✓ The EPON MDU can use for FTTB/FTTC applications

✓ In compliant with IEEE802.3ah & CTC2.1/3.0

✓ WEB/CLI/SNMP Management

✓ Support SIP(IMS)/MGCP/H.248 Protocol



1. Introduction

The V5628-2A2/2B2 EPON+24FE/EPON+24FE+24POTS MDU is an EPON broadband access device with "Triple-Play" and fiber to building (FTTB) independently developed by V-Solution. It is based on mature and stable Gigabit EPON Technology and L3 Ethernet switching technology, with high reliability, good quality of service (QoS) guarantee, easy management and flexible networking features. It meets the requirements of ITU-T, IEEE & YD/T Technical requirements for access network.

2. Product Features

- Plug and play and Support auto-discovery, auto-configuration, auto-upgrade.
- Support OAM+SNMP management.
- Lightning Protection Capability LAN: 4 kV,POTS: 4 kV, AC Power:6kV.
- Support 802.1ad(QinQ) and multicast.
- Support Line testing according to GR-909.
- Support AC or DC power supply.
- Support Dying-gasp.

Model V5628-2A2 V5628-2B2 NNI 1*EPON(PX20+),SC/UPC UNI 24*FE 24*FE+24POTS Dimension (W×H×D) 480mm×44.5mm×240mm 3*RJ45 (1 For EPON MAC,1 For Configuration,1 For VoIP) Console Power Input AC:100~240V or DC:-48V ≤50W **Power Dissipation** Operating Temperature -30~+55°C Operating humidity 10~90%RH(non-condensing) -40~+65°C Storage Temperature Weight 5Kg Mounting 19-inch rack,1U Rack Up to 16 K MAC address; Support 4K VLANs and IEEE802.1Q/802.1p,based on MAC,IP Subnet and protocol.Support VLAN Double-Tag; Support IEEE802.1QinQ/802.1ad and VLAN transparent transmission; Support port stability statistic and monitoring; Layer2/3 Function Support 1K multicast Route Table and support SCB; Support STP/RSTP; QoS:Support 8 levels CoS priority.Support SP,WRR,SP+WRR; Support IGMP Snooping; Support ACLbased on IP,TCP/UDP and protocol;

3. Technical Specifications



| Support Filter based on port,MAC,VLAN ID and IP(IPv4/IPv6). Support port-based rate limitation and bandwidth control; In compliant with IEEE802.3ah standard; Up to 20KM transmission Distance; Support Dynamic Bandwidth Allocation (DBA); Support VLAN division and user separation to avoid broadcast storm; Support VLAN division and user separation to avoid broadcast storm; Support various LLID configuration and single LLID configuration; Different user and different service could provide different QoS by means of different LLID channels; Support power-off alarm function,easy for link problem detection; Support port isolation between different ports; Specialized design for system breakdown prevention to maintain stable system; Support dynamic distance calculation on EMS online; Support BIP(IMS),H.248&MGCP protocol and It can well communicate with the mainstream soft switch platforms in the industry; Support Echo cancellation exceeding ITU-T G.165/G.168-2002, up to 128ms tail length; VoIP Funciton Support high/low speed fax/Modem, bypass fax, and T38 fax; Support InBand / RFC2833/SIP INFO, MD5 authentication, call forward, call waiting, hot-line call, and all kinds of value-added voice | | |
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4. V5628-2A2/2B2 Series Application

