V2808-8GL

1*XPON+8GE MDU

Key Features:

XPON
XPON Dual Mode
Adaptive EPON/GPON

Detection of illegal ONU

Firewall Functions

Wide operating temperature range -10℃～+50℃

CE

Introduction:

V2808-8GL (XPON 8GE MDU) is a broadband access device specially designed to meet the needs of telecom operators for FTTO (Office), FTTD (Desktop), FTTH (Home), SOHO access, and video surveillance access.This ONU is based on high-performance chip solutions, and also supports other Layer 2/Layer 3 functions, providing data service for carrier-grade FTTH applications.

This ONU has high reliability, can be used in environments with a wide range of temperatures, and has a powerful firewall function that is easy to manage and maintain. It can provide QoS guarantee for various data services. It conforms to a series of international technical standards such as IEEE802.3ah and ITU-T G.984.

Product Application:

Internet

OLT

splitter

V2808-8GL

TV

IPTV

computer

Hardware Parameter

Dimension	205*125*28mm(L×W×H)
Net weight	NA
Operating condition	• Operating temp: -10 ~ +55°C • Operating humidity: 10 ~ 90% (non-condensing)
Storing condition	• Storing temp: -30 ~ +70°C • Storing humidity: 10 ~ 90% (non-condensing)
Power adapter	DC 12V, 1A, external AC-DC power adaptor
Power supply	≤12W
Interfaces	8*GE,1*CONSOLE
Indicators	Power, PON, LOS, SYS,LAN1-8

Interface Parameter

PON interface	• 1XPON port(EPON PX20+ and GPON Class B+) • SC single mode, SC/UPC connector • TX optical power: 0～+4dBm • RX sensitivity: -27dBm • Overload optical power: -3dBm(EPON) or -8dBm(GPON) • Transmission distance:20KM • Wavelength: TX 1310nm, RX1490nm
LAN interface	8*GE, Adaptive Ethernet interface, RJ45 connector
CONSOLE port	Used for managing ONU, serial port

Function Data

PON mode	XPON Dual Mode , Can access mainstream EPON/GPON OLTs
Uplink Mode	Bridging and Routing Mode
Abnormal protection	Supports detecting illegal ONU
Firewall Function	Support DDOS, Filtering Based on ACL/MAC/URL

Function Data

Basic functions	• MPCP discovery and registration • Mac/oid/Mac+Loid authentication • Triple Churning • DBA bandwidth • Automatic detection, configuration, and firmware upgrade • SN/Psw/oid/oid+Psw authentication
Alarm	• Dying Gasp • port loop detection • Eth Port Loss
LAN	• Supports port rate restrictions • Supports loop detection • Supports flow control • Supports storm control
VLAN	• VLAN tag mode • VLAN transparent mode • VLAN trunk mode (up to 8 vlan) • VLAN 1:1 translation mode (up to 8 VLAN)
Multicast	• IGMPv1/v2/Snooping • Up to 8 multicast vlan • Up to 64 multicast groups
QOS	• Supports 4 queues • Supports SP and WRR • Supports 802.1P
L3	• Supports IPv4/IPv6 • Supports DHCP/PPPOE/Static IP • Support static routing • Support NAT
Management	• CTC OAM 2.0 and 2.1 • ITU-T 984. x OMCI • Support for WEB • Support for TELNET • Support for CLI

Product Name	Product Description	Accessories
V2808-8GL	8*GE	AC-DC power adaptor: DC12V/1A