V2808-8GL-PSE

1*XPON+8GE(PoE+) MDU

Key Features:

XPON
XPON Dual Mode
Adaptive EPON/GPON
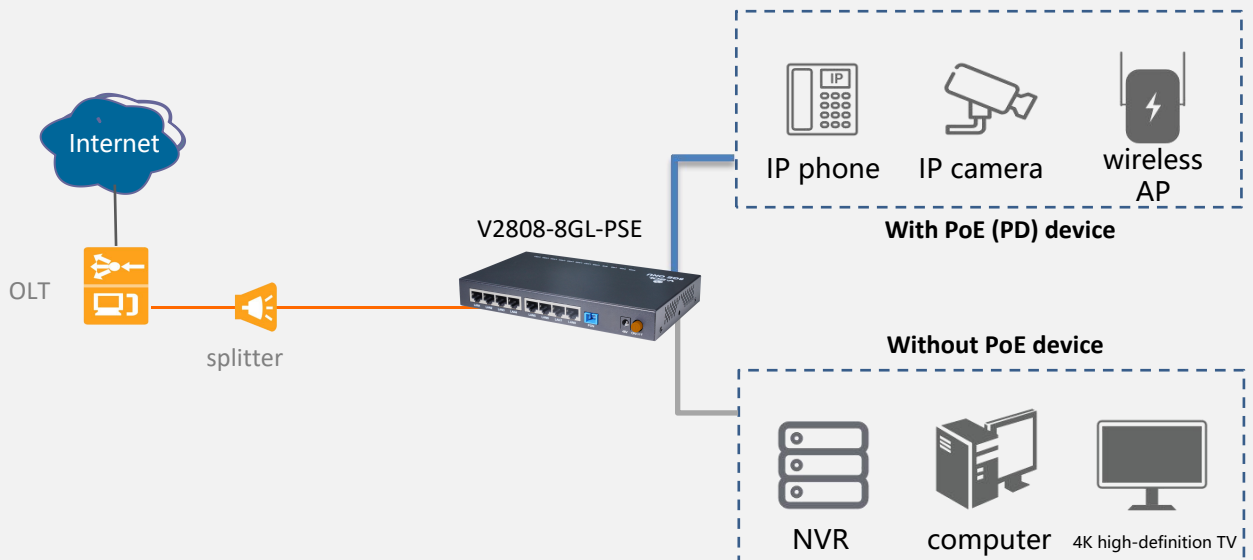
Detection of illegal ONU

Firewall Functions

IEEE802.3at PoE+
Maximum output of 30W
per port

Introduction:

V2808-8GL-PSE (XPON 8GE(PoE+) 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 Layer 2 functions, providing data service for carrier-grade FTTH applications.

The 8 network ports of this ONU all support PoE function, which can power IP cameras, wireless APs, and other devices through network cables.This ONU has high reliability, is easy to manage and maintain,and 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:

Hardware Parameter

Dimension	205*125*28mm(L×W×H)
Net weight	0.615kg
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 48V, 2.5A, external AC-DC power adaptor
Power supply	≤120W
Interfaces	8*GE(PoE+)
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(PoE+), Adaptive Ethernet interface, RJ45 connector

Function Data

PON mode	XPON Dual Mode , Can access mainstream EPON/GPON OLT
Abnormal protection	Supports detecting illegal ONUs
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 • Supports PoE+/POE, IEEE 802.3at/af, with a maximum of 30W per port
VLAN	• VLAN tag mode • VLAN transparent mode • VLAN trunk 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
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-PSE	8GE(PoE+)	AC-DC power adaptor: DC48V/2.5A