V2808PD-ZG

1*GPON+8FE ONT (Reverse POE)

Key Features:

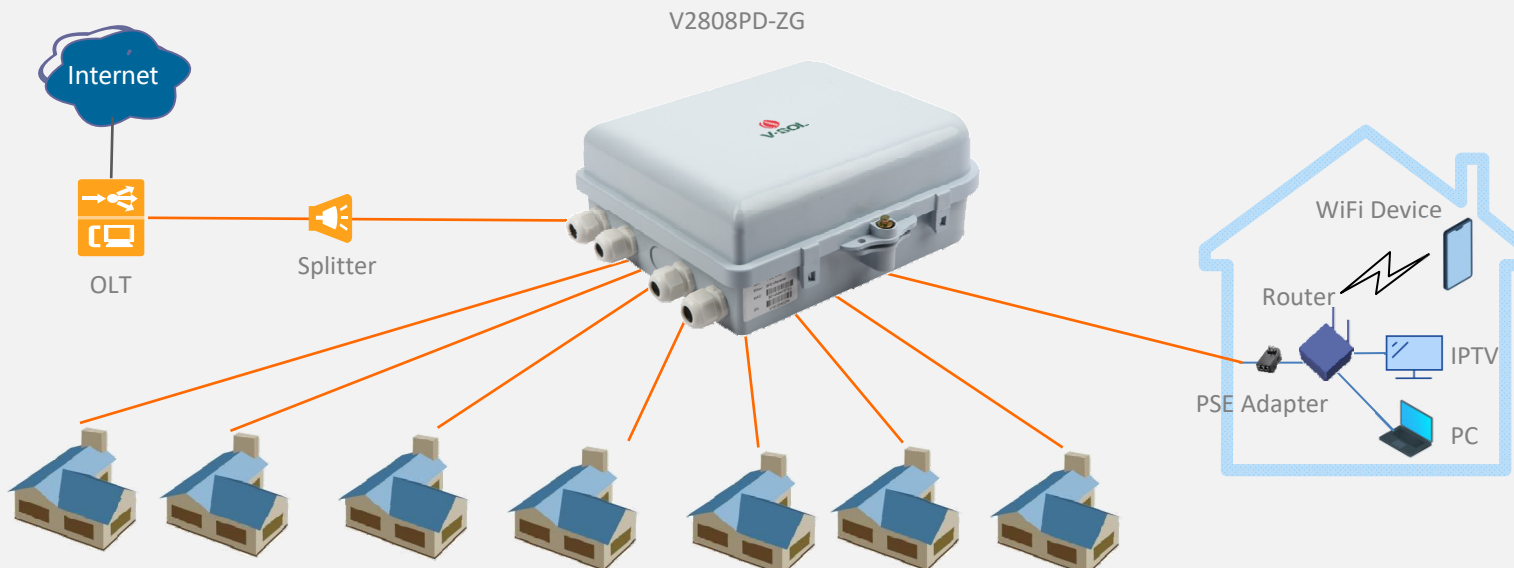|				
ZTE Chipset High Performance Solution	PD POE Supply +24~+57V DC	Wide Working Temp -30℃～+60℃	Proof Level IP55	O&M Mode: EMS/Web/SNMP/CLI

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Introduction:

V2808PD-ZG(1*GPON+8FE(PD POE)ONT) is specially designed to meet the FTTH, SOHO and other access requirements of telecom operators. The ONT is based on a high-performance chip technology solution (ZTE) and supports functions such as Layer 2/Layer 3, which can provide data services for carrier-grade FTTH applications.

It supports the reverse POE function, which is suitable for scenarios where it is inconvenient to obtain electricity; and its shell is plastic and supports waterproof features, so the ONT can be used outdoors.

The ONT has high reliability, is easy to manage and maintain, and has QoS guarantees for various services. It complies with international standards such as ITU-T G.984.

Application Chart:

V2808PD-ZG

Internet

OLT

Splitter

WiFi Device

Router

PSE Adapter

IPTV

PC

Hardware Parameter

Dimension	260mm x 216m x 97mm (L*W*H)
Net weight	1.4Kg
Operating condition	Operating temp: -30 ~ +60°C Operating humidity: 10~90% (non-condensing)
Storing condition	Storing temp: -30 ~ +85°C Storing humidity: 10 ~ 90% (non-condensing)
Proof level	IP55
Power adapter	DC 12V, 1A, external AC-DC power adaptor
POE Supply	POE(PD): +24~+57V DC
Power supply	≤8W
Interfaces	8FE
Indicators	PWR, LOS, REG, LINK/ACT, SYS

Interface Parameter

PON interface	• 1GPON port(GPON Class B+) • SC single mode, SC/UPC connector • TX optical power: 0～+4dBm • RX sensitivity: -27dBm • Overload optical power: -8dBm • Transmission distance: 20KM • Wavelength: TX 1310nm, RX1490nm
LAN interface	8 x 10/100Mbps Auto-negotiation RJ45 ports

Software Key Feature

Uplink Mode	Bridging and Routing mode.
ACL Rules	ACL, Spanning Tree
O&M	• WEB/TELNET/OAM/OMCI • Unified network management of VSOL OLT

Function Data

Basic	• Support MPCP discover&register • Support authentication Mac/Loid/Mac+Loid • Support Triple Churning • Support DBA bandwidth • Support auto-detecting, auto-configuration, and auto firmware upgrade • Support authentication SN/Psw/Loid/Loid+Psw
Alarm	• Support Dying Gasp • Support Port Loop Detect • Support Eth Port Los
LAN	• Support Port rate limiting • Support Loop detection • Support Flow control • Support Storm control
VLAN	• Support VLAN tag mode • Support VLAN transparent mode • Support VLAN trunk mode(max 8 vlans) • Support VLAN 1:1 translation mode(max 8 vlans) • Auto VLAN detection
Multicast	• Support IGMPv1/v2,IGMP Snooping • Max Multicast vlan 8 • Max Multicast Group 64
QoS	Support 4 queues,SP and WRR and IEEE802.1p
L3	• Support IPv4,DHCP/PPPOE/Static IP and NAT • Support Static route

Product Name	Product Description	Accessories
V2808PD-ZG	8FE	AC-DC power adaptor: DC12V / 1A or PSE POE adaptor: DC:+24 or 48V