

# CX808PD-ZE

## Overview

808PD-ZE is an EPON broadband access device with reverse PoE designed for fulfilling FTTH request of telecom operators, internet access of SOHO people and renovation request of EPON+EOC infrastructure of Broadcast & cable TV companies. This product is basing on the stable and mature Gigabit EPON technology, which has high performance/-price ratio, and the technology of layer 2 Ethernet switch as well. It is highly reliable and easy to maintain, with guaranteed QoS. And it is fully compliant to technical regulations such as IEEE802.3ah and technical requirement of EPON Equipment (V2.1) from China Telecom, it can be used as a SFU or MDU.

The V2808PD-ZE Reverse PoE is a box-type device measuring 1-U high and 11-inch wide, providing one GE PON uplink ports and eight LAN user ports, and is powered by the power sourcing equipment (PSE) deployed in users' residences. The V2808PD Reverse PoE is applied in scenarios where there is no alternating current (AC) power supply in corridors, featuring easy installation and maintenance, broad temperature range, low power consumption, mute design, high stability, environment-friendlily, and energy conservation.

The V2808PD-ZE Reverse PoE can be powered by any one, some or all of the eight LAN user ports, it also can be powered by external 12V DC adapter.

The V2808PD-ZE has another water proof structure as below, it can be installed outdoor wall or post.

## Special Features

- ▶ Plug and play, features auto-detecting, auto-configuration, and auto firmware upgrade, etc.
- ▶ Integrated OAM remote configuration and maintenance function.
- ▶ Support rich QinQ VLAN function and IGMP Snooping multicast feature.
- ▶ Functions like transceiver diagnostic monitoring, transmitter disable, etc.
- ▶ Fully compatibility with OLT based on Broadcom/PMC/Cortina chipset.
- ▶ Easily configuration by local CLI.

	
Art No	: CX808PD-ZE
Material	: ABS Plastic
Size	: 235mm*220mm*60mm( L*W*H )
Weight	: 1.4kg
Color	: Black
Description	: 8*100M Ethernet ,reverse PoE ONU, Compatible with Huawei, ZTE, Fiberhome, Dasan, Alcate OLT

# CX808PD-ZE

Technical items	Description
Upstream PON interface	1 EPON interface, SC single-mode/single-fibre, symmetric 1.25Gbps
Wavelength	Tx 1310nm, Rx 1490nm
Optical interface	SC/PC connector
Downstream LAN interface	8*10/100Mbps auto adaptive Ethernet interfaces, Full Duplex/Half Duplex, RJ45 connectors
Indicators	12 indicators, for status of power supply, PON port and 8 Ethernet ports
DC power supply	powered by the power sourcing equipment (PSE)
Power switch	1, power on and off
Power consumption	≤5W
Operating condition	Operating temp: -10°C~+45°C(metric casing), -30°C~+60°C(water proof casing) Operating humidity:10-90%(non-condensed)
Surge protection	1000V(metric casing), 4000V(water proof casing)
Storing condition	Storing temp: -30~+60°C, storing humidity:10-90%(non-condensed)
Dimension	235mm*220mm*60mm(length*width*height)
Net weight	1.4Kg

## Special Features

- ▶ Shared 1Mbit on-chip memory-based switch fabric with true non-blocking switching performance.
- ▶ 8K MAC address entries with automatic learning and aging.
- ▶ Per port programmable MAC address limiting.
- ▶ 802.1Q VLAN support for the full 4,096 VLAN IDs.
- ▶ Quality of Service support with four traffic classes.
- ▶ Support Strict,Weighted,or mixed mode QoS.
- ▶ Integrated 1:1 VLAN, VLAN reusing, VLAN trunk, etc.
- ▶ Support port monitoring, port mirroring, port rate limiting, port SLA, etc.
- ▶ Support auto polarity detection of Ethernet ports (AUTO MDIX).
- ▶ Support layer 2 Policy Control
- ▶ Support IPv4 IGMP snooping and IPv6 MLD snooping.