

CX808

Overview

CX808 is an EPON broadband access device for fulfilling FTTH request of telecom operators, internet access of SOHO people. This product is based 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.

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 : CX808

Material : Steel Shel

Size : 205mm*125mm*27mm(L*W*H)

Weight : 0.9kg

Color : Black

Description : 8*100M Ethernet ONU,
Compatible with Huawei,ZTE,
Fiberhome,Dasan,Alcate OLT

Technical parameters

Technical item	Description
	CX808
Main chip	Cortina
Upstream PON interface	1 EPON interface, SC single-mode/single-fibre, symmetric 1.25 Gbps
Wavelength	Tx 1310nm, Rx 1490nm
Sensitivity	<-27dBm(PX20+) PON

Overload	>-3dBm(PX20+) PON
Optical interface	SC/PC connector
Downstream LAN interface	8*10/100Mbps auto adaptive Ethernet interfaces, Full Duplex/ Half Duplex, RJ45 connectors
Indicators	11 indicators, for status of power supply, PON port and 8 Ethernet port.
DC power supply	+12V/0.5A, external AC-DC power adaptor
Power consumption	≤4W
Operating condition	Operating temp: -10~+45°C Operating humidity:10~90%(non-condensed)
Storing condition	Storing temp: -30~+60°C Storing humidity:10~90%(non-condensed)
Dimension	205mm*125mm*27mm(length*width*height)
Net weight	0.9Kg

Technical parameters

- ▶ 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.