F200D-8P Datasheet

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Overview

The Huawei eKitOptiX F200D-8P is a box-shaped ONU designed for enterprise campus and video backhaul scenarios. It provides eight GE service ports and supports PoE/PoE+, providing users with high-quality voice, data, and HD video services.

Features & Benefits

- PoE/PoE+ for flexible power supply
- −10°C to +55°C wide temperature range, strong environment adaptability
- Plug and play

Hardware Specifications

Network-side port	GPON (BOB)	User-side port	8xGE, all supporting PoE/PoE+
System power supply	56 V DC, 2.67 A	Rated input range of power adapter	100–240 V AC, 50/60 Hz
Installation mode	Indoor desktop, wall, or network box	Dimensions (H x W x D)	220 mm x 150 mm x 35 mm (excluding rubber pad)
Operating temperature	−10℃ to +55℃	Operating humidity	5%–95% RH, non-condensing

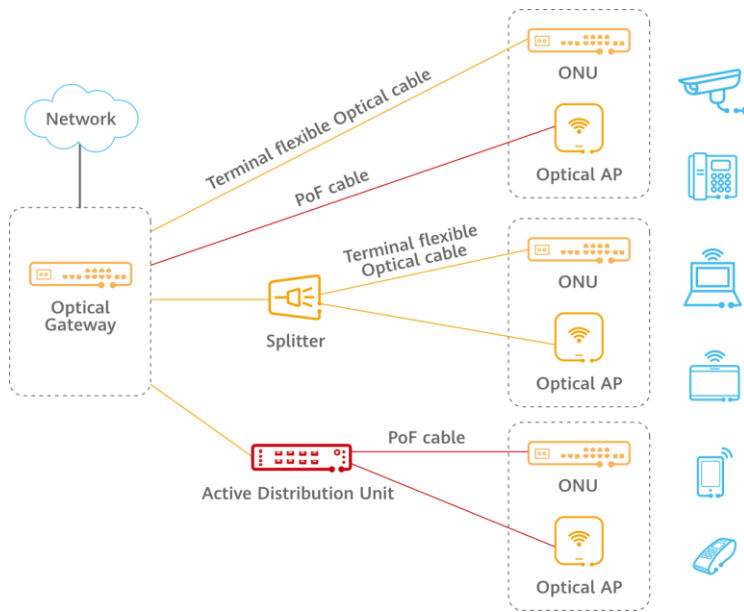| Surge protection specifications	GE: 6 kV in common mode and 1.5 kV in differential mode AC power port: 6 kV in common mode and 6 kV in differential mode	Weight	About 1.2 kg
Static power consumption	9 W	Maximum power consumption	12 W (PoE ports without PDs) 135 W (PoE ports with PDs with the maximum power consumption)
Maximum PoE output power	120 W in total and 30 W per PoE port	-	-

Port Parameters

GPON Port	GE Port
• Port type: SC/UPC • Complies with ITU-T G.984.2, Class B+. • Receiver sensitivity: –27 dBm • Overload optical power: –8 dBm • Transmission rate: downstream rate 2.488 Gbit/s, upstream rate 1.244 Gbit/s	• The PoE port supports PoE and PoE+ functions and complies with IEEE 802.3af and IEEE 802.3at. • Port type: RJ45 • 10/100/1000 Mbit/s auto-sensing • MDI/MDIX automatic configuration • Configuring the number of learnable mac addresses • Ethernet port-based VLAN transparent transmission and filtering

Product Functions

Smart connectivity	O&M
• Upstream mode: fiber upstream transmission • Working mode: bridging	• Web UI • One-click diagnosis of Internet connection status and hardware status

Typical Application

MiniFTTO networking scenario

Specifications of a 150 W Power Adapter

📖 NOTE

This power adapter is delivered with the device.

Specification Name	Power adapter
Appearance	
Dimensions	198 mm (L) x 100 mm (W) x 43 mm (H)
Power parameters	Input voltage: 100–240 V AC, 50 Hz/60 Hz Rated output voltage/current: 56 V DC/2.679 A Output connector type: DC straight connector 5.5 mm x 2.1 mm x 10 mm
Power	150 W
Weight	About 0.81 kg
Installation mode	Desktop
Operating	–40℃ to +55℃

Specification Name	Power adapter
temperature	
Power cable	Wire gauge: 2468 20AWG Cable length: 1.5 m