

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°C to +55°C	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

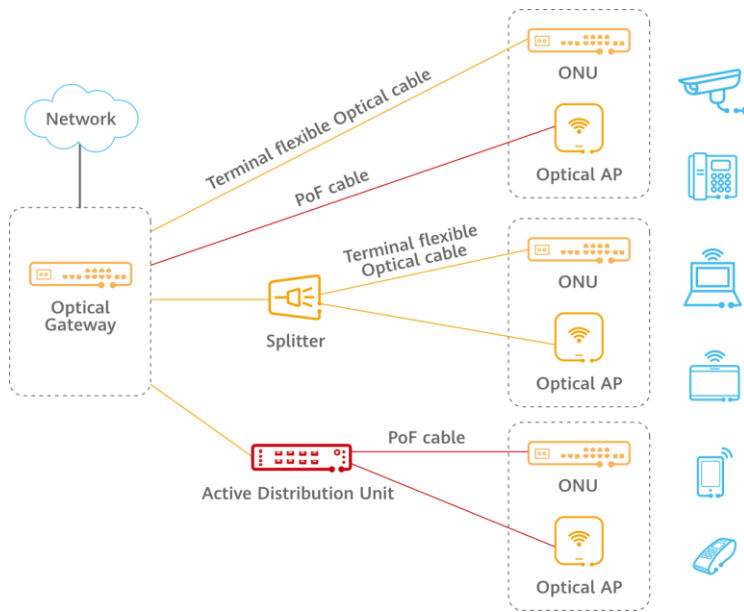
GPON Port	GE Port
<ul style="list-style-type: none"> Port type: SC/UPC Complies with ITU-T G.984.2, Class B+. Receiver sensitivity: -27 dBm Overload optical power: -8 dBm Transmission rate: downstream rate 2.488 Gbit/s, upstream rate 1.244 Gbit/s 	<ul style="list-style-type: none"> The PoE port supports 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
<ul style="list-style-type: none"> Upstream mode: fiber upstream transmission Working mode: bridging 	<ul style="list-style-type: none"> 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°C to +55°C

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

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