F100D-4G Datasheet

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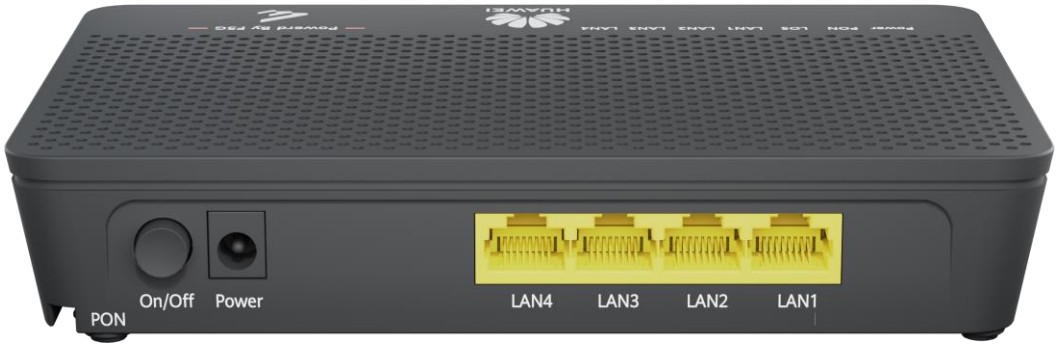
Overview

The Huawei OptiXstar F100D-4G is a bridging ONU. It uses the GPON technology to implement ultra-broadband access for users.

The high-performance forwarding capability effectively ensures data and HD video service experience, providing customers with an ideal all-optical access solution and future-oriented service support capability.



Hardware Specifications

Item	Specifications
Network-side port	GPON
User-side port	4xGE
System power supply	12 V DC, 1 A
Rated input range of power adapter	170–240 V AC, 50/60 Hz
Installation mode	Placed on a desktop or mounted on a wall
Maximum power consumption	4.7 W
Indicator	POWER/PON/LOS/LAN
Operating temperature	0°C to 40°C
Operating humidity	5%–95% RH, non-condensing

Item	Specifications
Fiber port type	SC/UPC
Dimensions (W x D x H)	168 mm x 115 mm x 30 mm
Weight	About 220 g

Port Parameters

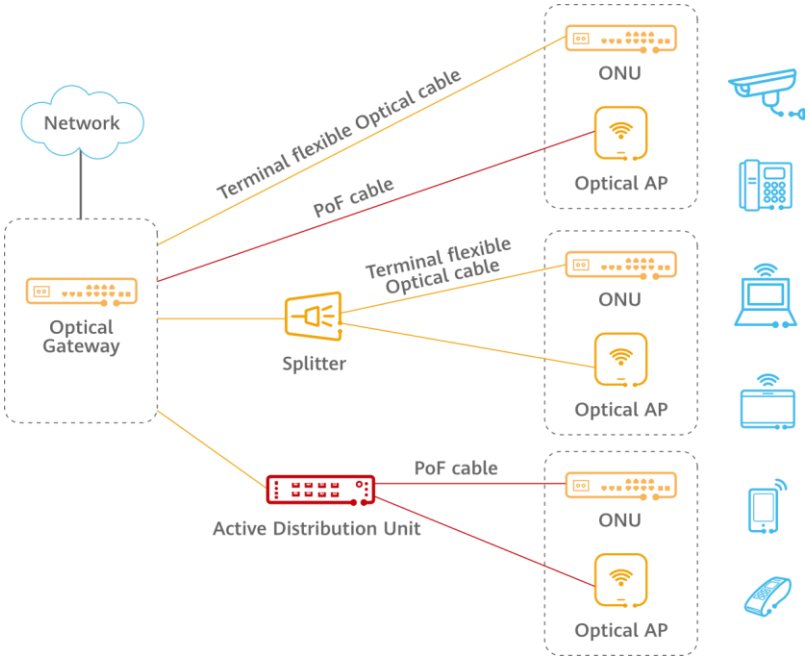
GPON Port	Ethernet Port
• Class B+ • Receiver sensitivity: –27 dBm • Overload optical power: –8 dBm • Wavelength: 1310 nm in the upstream direction and 1490 nm in the downstream direction • Wavelength blocking filter (WBF) • Flexible mapping between GEM ports and T-CONTs • Authentication mode: SN, Password, LOID • Bidirectional forward error correction (FEC) • SR and NSR DBA	• VLAN tagging/tag removal based on Ethernet port • 1:1 VLAN translation, n:1 VLAN translation, VLAN transparent transmission • QinQ VLAN • Limit on the number of learned MAC addresses • MAC address learning • Local switching and isolation of Ethernet ports • Layer 2 IPv6 transparent transmission • Half-duplex/full-duplex mode negotiation and configuration

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



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