Overview

An integral part of Huawei's all-optical access solution, OptiXstar EG8010Hv6-10 is a bridging-type Optical Network Terminal (ONT) that uses Gigabit Passive Optical Network (GPON) technology to offer ultra-broadband access. With high forwarding performance guaranteeing the experience of data and High Definition (HD) video services — plus future-oriented service support capabilities — OptiXstar EG8010HV6-10 helps enterprise construct cutting-edge terminal solutions. The device features one GE port.

Quick Specification

Table 1 shows the Quick Specification.

Model	OptiXstar EG8010Hv6-10
Dimensions (H x W x D)	26 x 69 x 83 mm
Weight	Approximately 80 g
Operating Temperature	0–40°C
Operating Humidity	5–95% RH (non-condensing)
Power Adapter Input	100–240 V AC, 50/60 Hz
System Power Supply	12 V DC, 1 A
UNI	1 x GE
NNI	GPON
Maximum Power Consumption*	2.1 W
Maximum PoE Output Power	NA
Installation Mode	Desktop

Figure 1 shows the appearance of OptiXstar EG8010Hv6-10.

Product Details

Interface Parameters

GPON Port	● SC/APC ● Class B+ ● Receiver sensitivity: –27 dBm to –29 dBm ● Wavelengths: US 1310 nm, DS 1490 nm ● Wavelength Blocking Filter (WBF) ● Flexible mapping between the GEM port and TCONT ● GPON: consistent with the SN or password authentication defined in G.984.3 ● Bi-directional FEC ● SR-DBA and NSR-DBA
Ethernet Electrical Port	● Ethernet port-based VLAN tags and tag removal ● 1:1 VLAN, N:1 VLAN, or VLAN transparent transmission ● QinQ VLAN ● Limit on the number of learned MAC addresses ● MAC address learning ● Transparent transmission of IPv6 packets at Layer 2

Get More Information

Do you have any question about the OptiXstar EG8010Hv6-10?

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OptiXstar EG8010Hv6-10 Datasheet

Maximum Power Consumption*	2.1 W
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Compliance Certification	CE
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