

Overview

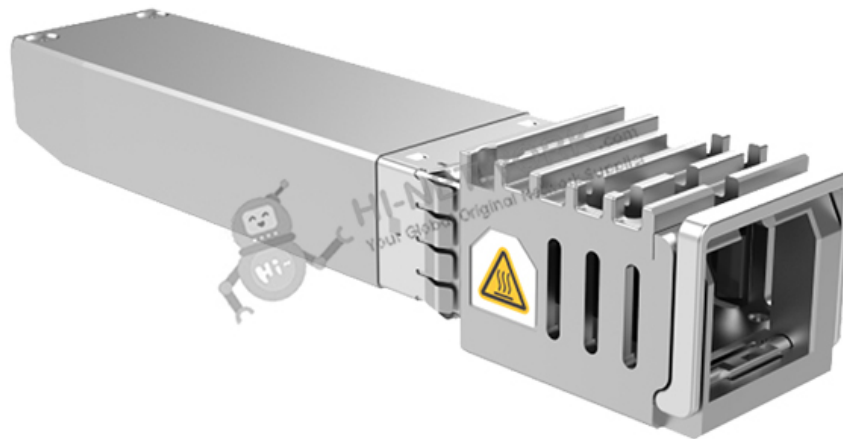
Huawei OptiXstar S800E is a miniature Optical Network Unit (ONU) that can be inserted into the Small Form-Factor Pluggable (SFP) port of a camera or Access Point (AP) to provide 10-Gigabit-capable Symmetric Passive Optical Network (XGS-PON) access, meeting video or wireless backhaul requirements.

Quick Specification

Table 1 shows the Quick Specification.

Model	OptiXstar S800E
Dimensions (H x W x D)	12.6 x 13.6 x 65 mm
Weight (Without Power Adapter)	Approximately 27 g
Operating Temperature	-40°C to +85°C
Operating Humidity	5-95% RH (non-condensing)
System Power Supply	3.3 V
NNI	XGS-PON
UNI	GE/2.5 GE/5 GE/10 GE
Maximum Power Consumption	2 W

Figure 1 shows the appearance of OptiXstar S800E.





Product Details

Interface Parameters

XGS-PON Port	<ul style="list-style-type: none"> • Port type: SC/APC • Standard compliance: ITU-T G.9807 • Receiver sensitivity: ≤ -28 dBm • Overload optical power: ≥ -9 dBm • TX optical power: 4-9 dBm • Extinction ratio (ER): ≥ 6 dB • Transmission rate: RX: 9.953 Gbit/s; TX: 9.953 Gbit/s • TX wavelength range: 1260-1280 nm (Center wavelength: 1270 nm) • RX wavelength range: 1575-1580 nm (Center wavelength: 1577 nm)
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Product Function

Smart O&M	<ul style="list-style-type: none"> • Variable-length OMCI messages • Rogue ONT detection and isolation from the OLT • PPPoE/DHCP simulation testing
Multicast	<ul style="list-style-type: none"> • IGMP v2/v3 snooping • MLD v1/v2 snooping • Fast leave • VLAN tag translation, transparent transmission, and removal for downstream multicast packets • IGMP/MLD protocol packet rate limitation
Common O&M	<ul style="list-style-type: none"> • OMCI • Dual-system software backup and rollback • 802.1ag Ethernet OAM • Optical link measurement and diagnosis
Security	<ul style="list-style-type: none"> • MAC address filtering
QoS	<ul style="list-style-type: none"> • Ethernet port rate limitation • 802.1p priority • SP/WRR/SP+WRR • Broadcast packet rate limitation • Flow mapping based on the VLAN ID, port ID, or/and 802.1p

Get More Information

Do you have any question about the OptiXstar S800E?

Contact us now via info@hi-network.com.





Specification

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