

HG8M8010HEU6 Datasheet

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Overview

HG8M8010HEU6, one of the Huawei HG8010H Series, is HG8010H GPON Terminal, SC/APC, European Standard Adapter, English.

Quick Specs

Figure 1 shows the appearance of HG8010H for reference.



Table 1 shows the Quick Specs.

Part Number	02311AYL
Model	HG8M8010HEU6
Description	HG8010H GPON Terminal, SC/APC, European Standard Adapter, English
Discount Category	Main Equipment
Product Line	Networking
Sub Product Family	ONT-e
Product Series	HG8010H
UOM	PCS
Net Dimension (D*W*H mm)	115 x 94 x 27 (V300R015C00 and earlier) 82 x 90 x 27 (V300R015C10)

Product Details

Figure 2 shows the ports of HG8010H for reference.



Note:

No.	Port/Button
(1)	ON/OFF button
(2)	Power Connector
(3)	LAN Ports
(4)	Optical Port

Compare to Similar Items

Table 2 shows the similar items.

Model	H35M8245HEU1	HG8M8010HEU6
Type	Huawei HG8245H GPON Terminal	Huawei HG8010H GPON Terminal
Dimensions (H x W x D)	176 mm x 138.5 mm x 28 mm (without an external antenna)	115 x 94 x 27 (V300R015C00 and earlier) 82 x 90 x 27 (V300R015C10)
Ports	4 GE + 2 POTS + 1 USB + Wi-Fi	1 GE + 1 Optical Port
Network-side Ports	GPON	GPON

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Specification

HG8010H Specification	
Dimensions (H x W x D) (mm)	115 x 94 x 27 (V300R015C00 and earlier) 82 x 90 x 27 (V300R015C10)
Weight	< 500 g
Operating temperature	0°C to +40°C
Operating humidity	5% RH to 95% RH (non-condensing)
Power adapter input	100–240 V AC, 50–60 Hz

System power supply	11–14 V DC, 0.5 A
Static power consumption	3 W
Maximum power consumption	3.5 W
Ports	1GE
Indicators	POWER/PON/LOS/LAN
GPON Port	• Class B+ • Receiver sensitivity: -27dBm • Wavelengths: US 1310 nm, DS 1490 nm • Wavelength blocking filter (WBF) • Flexible mapping between 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 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
Smart O&M	• Variable-length OMCI messages • Active/Passive rogue ONT detection and isolation • PPPoE/DHCP simulation testing
QoS	• 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
Power Saving	• Indicator power saving • Power consumption reduction of idle components in power-saving state • COCv4
Security	• MAC address filtering
Common O&M	• OMCI/Web UI • Dual-system software backup and rollback • 802.1ag Ethernet OAM • Optical link measurement and diagnosis • Loopback check
Multicast	• 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

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