



Table 1 shows the Quick Specs.

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|--------------------------|-----------------------------------------------------------------------|
| Part Number | 02310SYC |
| Model | HG8M8010HUS1 |
| Description | HG8010H GPON Terminal, American Standard Adapter, English, SC/APC |
| 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) |

Compare to Similar Items

Table 2 shows the similar items.

| | | |
|------------------------|---------------------------------------------------------|-----------------------------------------------------------------------|
| Model | H35M8245HEU1 | HG8M8010HUS1 |
| 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 |

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) |

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|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 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 | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • 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 | <ul style="list-style-type: none"> • Variable-length OMCI messages • Active/Passive rogue ONT detection and isolation • PPPoE/DHCP simulation testing |
| 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 |
| Power Saving | <ul style="list-style-type: none"> • Indicator power saving • Power consumption reduction of idle components in power-saving state • COCv4 |
| Security | <ul style="list-style-type: none"> • MAC address filtering |
| Common O&M | <ul style="list-style-type: none"> • OMCI/Web UI • Dual-system software backup and rollback • 802.1ag Ethernet OAM • Optical link measurement and diagnosis • Loopback check |