HG8546M

1GE+3FE+1POTS+1USB+11n WIFI GPON ONT

Description

HG8546M GPON ONT is a new terminal level GPON ONT, which is a variety of FTTB \ FTTH \ FTTO accessing ONT published by HUAWEI for ISPs FTTH network applications. It can support pure data, Data +Voice, Data+ Voice+ WIFI and other service accessing type. HG8546M ONT supports standard OMCI, can provide up to 1.25Gbps uplink and 2.5Gbps downlink high-speed transfer rate. It can fully meet ISPs FTTB\FTTH\FTTO equipment needs, working with our NGBN unified network management system. The full functionality of HG8546M can support:

Features

- GPON WAN port with 1.244Gbps uplink / 2.488Gbps downlink link speed
- Active Ethernet WAN port with 1.25Gbps bi-direction link speed
- 1x GE+3FE Ethernet RJ45 Ports
- 2x2 11n WIFI support 300Mbps link speed
- 1x FXS RJ11 ports for Voice service
- 1x USB ports in host or device mode
- DC 12V adaptor, max 1.5A current
- -5 to 50℃ operating ambient temperature

Specifications

Attributes		HG8245M
Power supply		12V,1.5A
Power consumption (full loaded)		≤15W
Outline dimensions (mm) (W*D*H)		240*160*35mm
Weight (in maximum configuration)		≤0.5kg
Environmental requirements		Working temperature：0ºC~50ºC Storage temperature：-40ºC~70ºC Working humidity：5%~90% Storage temperature：5%~95% no condensing
Ethernet	Standard	IEEE802.3 IEEE802.3au IEEE802.3x
	Interface	1x 10/100/1000BASE-T+310/100Base-T RJ45 Auto negotiation Auto MDI/MDIX
GPON	Speed	Downlink：2.488Gbps Uplink：1.244Gbps
	Connector	SC/APC, pigtail
	Standard	ITU-T G.984.2 , Class B+
	Power level	Downlink – Wavelength：1490nm – Sensitivity：-28dBm – Saturation：-8dBm Uplink – Wavelength：1310nm – TX power：0.5 ~ 5dBm
	Fiber	G.652 Single Mode Fiber

WIFI	Antenna	2x2, 5dBi external antenna
	EIRP	Max 25dBm
VoIP	REN	Max 5REN
	Connector	1x RJ11
	Ringing	65V RMS ringing voltage
USB	Max 1A for each port	

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