

EasyPath GT866 GEPON ONU

EasyPath GT866 is a remote ONU (Optical Network Unit) of EasyPath GT800 series, which can provide 16*FE interfaces, 16*VOIP interfaces. It has compact structure and high integration for easy maintenance. It applies to FTTB/FTTP application.



Features

Technical specifications

PON optical interface	Interface type: SC/PC Fiber mode: single fiber Wavelength: 1310/1490nm
Ethernet electrical interface	Interfaces number: 16 Standard: IEEE 802.3 Data Rate: 10/100M auto-sensing Interface Type:RJ45 Working mode: half/full duplex, auto-sensing MDI/MDIX: auto-sensing
VOIP interface	Interfaces number:16 Interface type: RJ21 Ringing voltage: 25Hz,Vrms>60v Audio frequency compression ratio: defaulted ITU G.711A rule
Local NM	Interface type: RJ45, using Ethernet service interface to realize in-band network management
Console interface	Physical interface: RJ45 Electrical level: RS232 Baud rate: 9600

System features

Data rate	Uplink/downlink 1.25Gbps	MAC address	8k
Transmission distance	20km	Split ratio	1:64
VOIP Voice	Support 16 lines of voice services Adopt RJ21 interface of collecting cabling Support supplement services of caller ID display, three-way calling, calling transfer, calling waiting, hot line, call in/out and etc	VLAN	Support IEEE 802.1Q(VLAN) Support 4k VLAN Support IEEE 802.1ad(QinQ) Support VLAN transparent transmission Support VLAN trunk Support VLAN translation
Layer-2 function	Support store and forward mode and layer-2 wire-speed forwarding Maximum frame: 1600 bytes Support broadcasting storm control Support port/flow mirroring Support rate-limiting of bi-direction interfaces	Flow control	Support IEEE 802.3x(full duplex flow control) and backpressure flow control(half duplex)

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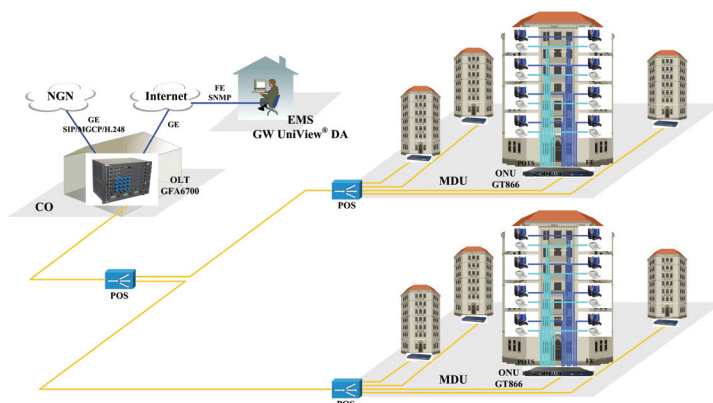
Multicast	Support SCB(single copy broadcast) Support IGMP V1/V2 Support IGMP Snooping Support 256 groups Support multicast authority control Support fast-leave function of IGMP member Support static multicast Capacity of 8M bytes can support IPTV burst flow	QoS/ACL	Support IEEE 802.1P(COS PRI) and DSCP Support service classification based on port, MAC address, IP address, TCP/UDP port number, ToS(Type of Service)/Diffserv Support SP queue schedule algorithms Support 8 classes priority queuing for each port
DBA	Bandwidth increment is 64kbit/s Support fixed bandwidth/guaranteed bandwidth/maximal bandwidth, delay priority and etc SLA parameters	Security	Support AES-128, data encryption for both upstream and downstream Support dynamic update of key
Management	Support centralized management of OLT based on OAM	Maintenance	Support alarm and capability statistic, flow inspection, loop-back test, remote power-fail inspection Support long-distance on line upgrade of timing automatism and batch Support remote line inspection, such as short circuit, incomplete circuit, and the location of failure

Physical specifications

Dimension(mm) (W*D*H)	483(19 inches)×270×44(1U)	Power supply	Range: AC165V~AC265V
Weight	<5.5kg	Power consumption	<50W
Environment	Working temperature: 0℃~45℃ Storage temperature: -10℃~70℃ Humidity: 10%~90% (non-condensing)		

Application

EasyPath GT866 works with the office device EasyPath GFA6000 Series products (OLT: Optical Line Terminal) can build the PON network through the connection of the fiber and the ODN (optical distribution network). GT866 can be located in the corridor of residential customers, enterprise and commercial buildings, to provide broadband and voice access for users.



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Ordering Info

Part Number	Description
GT866-BB	standalone (metal shell, mini type),GEPON ONU,16*FE+16*POTS(VOIP), single-mode, single strand, SC/PC, 220VAC power module,20km, RJ21
GT866-LB	standalone (metal shell, mini type),GEPON ONU,16*FE+16*POTS(VOIP), single-mode, single strand, SC/PC, 220VAC power module(Euro standard),20km, RJ21