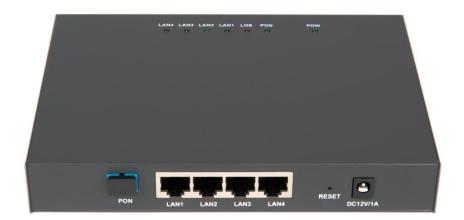
GL-E8031U-DR-P

EPON ONU optical network unit GL-E8031U-DR-P, as a single household unit (HGU), integrates strong interoperability, specific needs of key customers and low cost, providing users of FTTB applications with triple play services.

The GL-E8031U-DR optical network unit provides a management channel that conforms to the standard OMCI definition, can realize remote management, and supports the monitoring and maintenance functions of a full range of FCAPS.



POE power supply characteristics:

- >Support IEEE802.3a and IEEE802.3at
- >MSCC automatic extension, semi-automatic, automatic mode
- >Maximum output power:25W;
- >Working temperature: -10 degrees to 85 degrees
- >Built-in 3.3V and 5V voltage regulator

Product specifications:

Item	GL-E8031U-DR-P
Hardware interface	 4 *10/100/1000 Base-T RJ-45 Ethernet interface Ethernet port auto-negotiation or manual configuration
	MDI/MDIX Automatic detection function
	Hardware-based priority queues for upstream and downstream directions support service classification (CoS)

Power supply	 +12V (Provided by external AC/DC power converter) 2-PIN Power converter input 支持 Dying Gasp Power on/off
Power consumption	• <6W
size	• 240mm x117mm x30mm (W x D x H)
weight	• 0.28kg
Environmental parameters	 Temperature: 0°C~50°C Humidity: 5% ~ 95% Relative humidity

Business characteristics:

Business	Realize
EPON characteristic	Confirm to IEEE802.3 EPON MAC standard
	Support bandwidth control
	Support downstream traffic decryption
	Support Class B+ Optical power budget
	Bandwidth US:1.25G/DS:1.25G
	Support FEC(Forward Error Correction)
	Support Strict priority(SP) and Weighted fair queuing(WFQ) mode
	Support Power failure alarm
VLAN	Support port-based VLAN and IEEE 802.1Q VLAN
	Support Full rangeVID and PVID
	Support Port-based + VLAN Set tag attributes
Broadcast storm suppression	Can set the number of broadcast messages
STP	Support IEEE 802.1d/1s/1w Spanning Tree Protocol
Port aggregation	• Support

Bandwidth control	Support 64K to 100M,Send and receive separate control
Mirror	Support Port mirroring function
QoS	 Support priority based on port/802.1p/IP-TOS Support 4-level priority control
Upgrade	Support Xmodem TFTP Protocol upgrade
Management	 Support Telnet Remote configuration Support SNMP management Support WEB management
Safety features	 Support centralized authentication of administrator's user password Support port lock, can limit the number of MAC addresses per port Support 802.1x
Maintain	 Support debugging information output Support PING Support system log