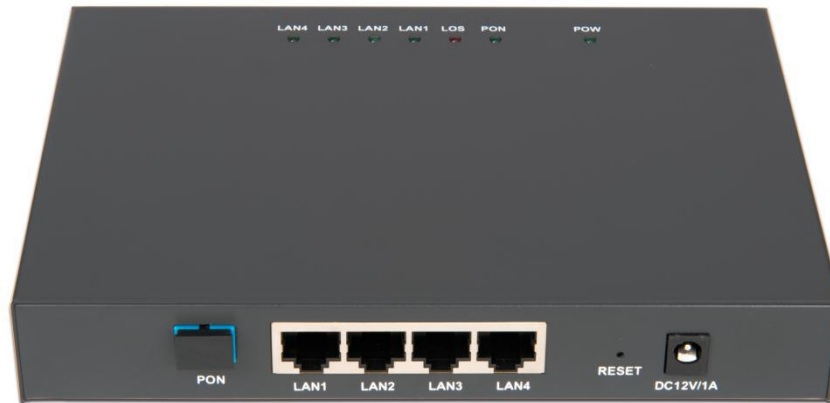


GL-G8031U-DR

Product Description:

GPON ONT optical network unit GL-G8031U-DR, as a single household unit (HGU), integrates strong interoperability, key customer specific needs and low cost, and provides triple play services to users of FTTB applications. The GL-G8031U-DR optical network unit provides a management channel that conforms to the standard OMCI definition, can realize remote management, and supports a full range of FCAPS monitoring and maintenance functions.



Product Specifications:

Value	GL-G8031U-DR
Hardware Interface	<ul style="list-style-type: none"> • 4 10/100/1000 Base-T RJ-45 Ethernet interfaces • Ethernet port auto-negotiation or manual configuration • MDI/MDIX automatic detection function • The hardware-based priority queue supports the classification of service (CoS) in the upstream and downstream directions
Power Supply	<ul style="list-style-type: none"> • +12V (provided by external AC/DC power converter) • 2-PIN power converter input • Support Dying Gasp • Power switch
Power Consumption	<ul style="list-style-type: none"> • <6W
Dimensions	<ul style="list-style-type: none"> • 240mm x117mm x30mm (W x D x H)
Full Configuration Weight	<ul style="list-style-type: none"> • 0.28kg
Environmental Parameters	<ul style="list-style-type: none"> • Temperature: 0°C~ 50°C • Humidity: 5% ~ 95% relative humidity

Business Characteristics:

Characteristics	Parameter
GPON Features	<ul style="list-style-type: none"> • Comply with ITU-T G.984 GPON standard • Support GEM package mode • Support DBA (Dynamic Bandwidth Assignment) • Support 40 T-CONT and 256 GEM Port • Support Class B+ optical power budget

	<ul style="list-style-type: none"> • Support based on VLAN to GEM Port mapping method • Support FEC (Forward Error Correction) • Realize embedded OAM (Operations, Administration and Maintenance), PLOAM (Physical Layer OAM), OMCI • Support downstream 128-bit AES (Advanced Encryption Standard) encryption • Support power failure alarm
VLAN	<ul style="list-style-type: none"> • Support port-based VLAN and IEEE 802.1Q VLAN • Support full range of VID and PVID • Support setting tag attributes based on port + VLAN
Broadcast Storm Suppression	<ul style="list-style-type: none"> • The number of broadcast messages can be set
STP	<ul style="list-style-type: none"> • Support IEEE 802.1d/1s/1w Spanning Tree Protocol
Port Aggregation	<ul style="list-style-type: none"> • Support
Bandwidth Control	<ul style="list-style-type: none"> • Support 64K to 100M, respectively control the sending and receiving
Mirroring	<ul style="list-style-type: none"> • Support port mirroring function
QoS	<ul style="list-style-type: none"> • Support priority based on port/802.1p/IP-TOS • Support 4-level priority control
Upgrade	<ul style="list-style-type: none"> • Support Xmodem, TFTP protocol to achieve upgrade
Manage	<ul style="list-style-type: none"> • Support Telnet remote configuration • Support SNMP management • Support WEB management
Safety Features	<ul style="list-style-type: none"> • Supports centralized authentication of administrator's user password • Support port locking and limit the number of MAC addresses per port

	<ul style="list-style-type: none"> • Support 802.1x
Maintain	<ul style="list-style-type: none"> • Support debugging information output • Support PING • Support system log

Application: FTTX

