1st INDIAN BRAND IN IT NETWORKING

DIGISOL GPON OLT with 1 PON, 2 RJ45 and 1 SFP / SFP+ Uplink Port

DG-GO4301-2E1SFPP

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3 YEARS WARRANTY*

Key Features:-

- Built-in PON optic module
- High Performance
- 10(GE) SFP+ uplink
- Easy deployment

Introduction:-

DIGISOL DG-GO4301-2E1SFPP is a box-type GPON OLT with single PON port. The splitting ratio of its PON port is 1:128, It's uplink and downlink bandwidth is as high as: 1.25Gbps/2.5Gbps. DG-GO4301-2E1SFPP can be widely used in FTTH, SOHO, small business office and other application scenarios.

Item		DG-GO4301-2E1SFPP
Chassis	Rack	1U
Uplink Port	QTY	3
	RJ45 (GE)	2
	SFP (GE) / SFP+ (10GE)	1
GPON Port Specification	QTY	1
	Fiber Type	9/125µm SM
	Connector	SC/UPC, Class C++ / Class C+++
	GPON port speed	Upstream 1.244 Gbps, Downstream 2.488 Gbps
	Wavelength	TX 1490nm, RX 1310nm
	Max splitting ratio	1:128
	Transmission Distance	20KM
Management Ports		1*USB-COM (Type-C) port
Backplane Bandwidth (Gbps)		16
Port Forwarding Rate (Mpps)		23.808
Management Mode		WEB, TELNET, CLI
Lightning Protection Level	Power Supply	4KV
	Device Interface	1KV

Technical Specifications:-

Management Function
- Telnet, CLI, WEB
- Port Status monitoring and configuration management
- Online ONT configuration and management
- User management
- Alarm management

Layer 2 Switch
- 1K Mac address
- Support 4096 VLANs
- Support port VLAN
- Support VLAN tag/Un-tag, VLAN transparent transmission
- Support storm control based on port
- Support port isolation
- Support port rate limitation
- Support 802.1D and 802.1W
- Support static LACP, Dynamic LACP
- Access control list
- IEEE802.x flow-control
- Port stability statistic and monitoring
- Support VLAN translation, QinQ and P2P

GPON Function
- Tcont DBA
- Gemport traffic
- In compliant with ITU-T984.x standard
- Up to 20KM transmission Distance
- Support data encryption, multi-cast, port VLAN, separation, etc.

- Support ONT auto-discovery/link detection/remote upgrade of software
- Support VLAN division and user separation to avoid broadcast storm
- Support power-off alarm function, easy for link problem detection
- Support broadcasting storm resistance function

Multicast
- IGMP Snooping
- 256 IP Multicast Groups

DHCP
- Support DHCP Server, DHCP Relay, DHCP Snooping
- Support DHCP Option 82
- Support DHCPv6 server, DHCPv6 relay

Layer 3 Route
- Support dynamic/static ARP
- Support WAN (DHCP / Static / PPPoE)
- Support static routing, NAT, DMZ
- Support QoS based on DSCP, MAC, IP, L4 port, protocol etc.
- Support ACL based on source MAC address , Source IP address, source L4 port, destination IP address, destination L4 port, protocol type etc.

IPv6
- Support IPv6 Ping, IPv6 Telnet, IPv6 Routing
- Support ACL based on source MAC address, source IPv6 address, source L4 port, destination IPv6 address, destination L4 port, protocol type etc.
- Support IPv6 SLAAC.
- Support MLD v1/v2 snooping.

Dimension (LxWxH)
- 210mm x 173mm x 43.6mm

Weight
- Net weight of single power: 1.07 kg

Power Adapter
- DC 12V/2A
- AC 85~264V, 47/60Hz (Default)

Working Temperature
- -20°C to 60°C

Storage Temperature
- -40 to 70°C

Relative Humidity
- 5%~95% (non-condensing)

Rear View :

Ordering Information:-

DG-GO4301-2E1SFPP : DIGISOL Single Port GPON OLT with 2 RJ45 Ethernet Ports and 1 SFP / SFP+ Port

*Warranty shall be subject to terms and conditions specified in the DIGISOL PRODUCT WARRANTY displayed on the website of the company.

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