FTTH SOLUTIONS

1st INDIAN BRAND IN IT NETWORKING

DIGISOL XPON ONU Router with 1 PON and 1 Gigabit LAN Port

DG-GR6010

3 YEARS WARRANTY*

Key Features:-

- Dual mode ONU
- Support Bridge mode / Routing Mode
- Support from DDOS attacks

TEC CERTIFIED

Introduction:-

DIGISOL DG-GR6010 is a Dual Mode Routing ONU modem designed for fulfilling FTTH ultra-broadband access request of home and SOHO users. It supports NAT/Firewall functions. It is based on the stable and mature EPON/GPON technology , which has high performance to price ratio. It is highly reliable and easy to maintain, with guaranteed QoS and fully compliant to IEEE 802.3ah EPON and ITU-T G.984.x GPON standard.

Technical Specifications:-

PON
- 1 XPON port
  (EPON PX20+ and GPON Class B+)
- Wavelength :
  TX 1310nm and RX 1490nm
- SC/UPC Connector
- Receiving Saturation : >= -8 dBm
- Receiving Sensitivity : <= -28 dBm
- Transmitting Optical Power :
  0 to 4 dBm
- Transmitting Distance : 20 Km

Interface Type
- 1 x 10/100/1000Mbps auto adaptive
  Ethernet interfaces
- Full/Half Duplex, RJ45 connector

Indicators
- 3, For SYS, LINK/ACT, REG

Basic
- Support MPCP discover&register
- Support authentication Mac/Loid/
  Mac+Loid
- Support Triple Churning
- Support DBA bandwidth
- Support auto-detecting,
  auto-configuration and
  auto firmware upgrade.
- Support authentication SN/Psw/
  Loid/Loid+Psw

Alarm
- Support Dying Gasp

- Support PortLoopDetect
- Support Eth Port Los

VLAN
- Support VLAN tag mode
- Support VLAN transparent mode
- Support VLAN trunk mode
  (max 8 vlans)
- Support VLAN 1:1 translation mode
  (max 8 vlans)

Multicast
- Support IGMPv1/v2
- Support IGMP Snooping
- Max Multicast vlan 8
- Max Multicast Group 64

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Technical Specifications:-

QoS
- Support 4 queues
- Support SP and WRR
- Support 802.1P

L3
- Support Ipv4
- Support DHCP/PPPOE/Static IP
- Support Static route
- Support NAT

Management
- Support CTC OAM 2.0 and 2.1
- Support ITUT984.x OMCI
- Support WEB
- Support TELNET
- Support CLI

DC Power Supply
- DC 12V / 0.5A, external AC-DC power adapter

Power consumption
- ≤4W

Operating temperature
- -30°C ~ +70°C

Operating humidity
- 10% ~ 90% (non-condensing)

Storing temperature
- -30°C ~ +70°C

Storing humidity
- 10% ~ 90% (non-condensing)

Dimensions
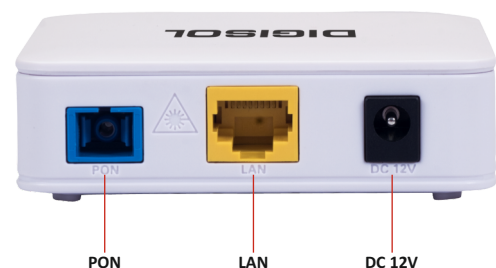- 82mm x 82mm x 25mm (LxWxH)

Net Weight
- 85g

Ordering Information:-

DG-GR6010: DIGISOL XPON ONU Router with 1 PON and 1 Gigabit LAN 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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PON   LAN   DC 12V

*Made In India products are available in specific part codes, please contact Digisol Sales Representative / Authorised Distributor for delivery schedule.