

DIGISOL XPON ONU 300Mbps

Wireless Router with 1 PON, 1 GE + 1 FE LAN Port

DG-GR1321-NV

Key Features:-

- Plug and play, features auto-detecting, auto-configuration and auto firmware upgrade, etc.
- Integrated OAM/OMCI remote configuration and maintenance function
- Support IGMP Snooping
- Support 802.11n Wi-Fi (2T2R) function
- Support NAT, Firewall function
- Support IPv4 and IPv6 dual stack



Introduction:-

DIGISOL DG-GR1321-NV (1GE+1FE+ Wi-Fi 4 XPON ONT) is specially designed for different FTTH solutions. ONT is based on a high-performance (Realtek) chipset supporting IEEE 802.11 b/g/n Wi-Fi technology and other Layer 2/ Layer 3 functions, and can provide data services for carrier-grade FTTH applications.

The ONT has high reliability and is easy to manage and maintain. It has QoS guarantees for different services. It complies with International Technical standards such as IEEE802.3ah, ITU-T G.984, etc.

Technical Specifications:-

HARDWARE PARAMETER:

- 1 XPON port (EPON PX20+ & GPON Class B+)
- SC single mode, SC/UPC connector
- TX optical power: 0~+4dBm
- RX sensitivity: -27dBm
- Overload optical power: -3dBm (EPON) or -8dBm (GPON)
- Transmission distance: 20KM

Wavelength

- Tx 1310nm, Rx 1490nm

Interface Type

- 1*10/100/1000Mbps +
- 1*10/100Mbps +
- Auto adaptive Ethernet interfaces, Full/Half Duplex, RJ45 Connector

Wireless

- IEEE802.11 b/g/n (TX power: 17dBm/16dBm/15dBm), Up to 300Mbps
- 2T2R, 5dBi external antenna.
- Support 13 Channels
- Authentication: WEP/WAP-PSK (TKIP)/WAP2-PSK(AES)
- Support multiple SSID

Indicators

- POWER, LOS, PON, GE, FE, Wi-Fi

Firewall

- Filtering Based on ACL/MAC/URL

Layer 2

- 802.1D &802.1ad bridge, 802.1p Cos, 802.1Q VLAN

Layer 3

- IPv4/IPv6, DHCP Client/Server, PPPoE, NAT, DMZ, DDNS

SOFTWARE PARAMETER:

Multicast

- IGMP v1/v2/v3, IGMP Snooping

QoS

- Integrated IEEE802.1p QoS with four level priority queues

L3

- Support IPv4, IPv6 and IPv4/ IPv6 dual stack
- Support DHCP/ PPPOE/ Static
- Support Static route
- Support NAT
- Support Virtual Server

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1 FE LAN Port

Technical Specifications:-

Security

- Flow & Storm control, Loop Detection

DHCP

- Support DHCP server

Management

- WEB/TELNET/OAM/OMCI
- Support private OAM/OMCI protocol
- Unified network management of DIGISOL OLT

Operating Temperature

- 0 ~ +50°C

Operating Humidity

- 10 ~ 90% (non-condensed)

Store Temperature

- -30 ~ +60°C

Store Humidity

- 10 ~ 90% (non-condensed)

Power Adapter

- DC 12V, 1A, external AC-DC power adapter

Power Consumption

- <7W

Dimension

- 185mm×120mm×34mm (L×W×H)

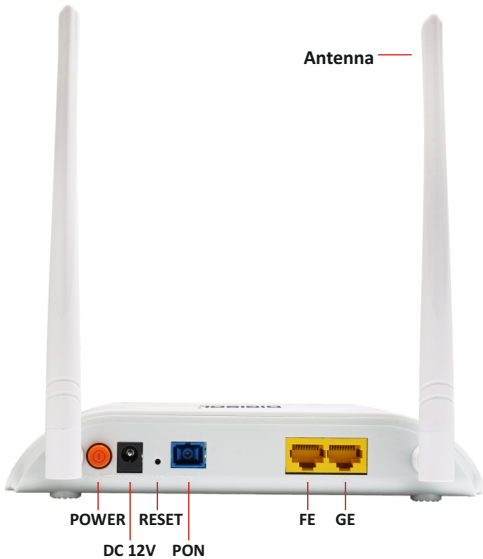
Ordering Information:-

DG-GR1321-NV: DIGISOL XPON ONU 300Mbps Wireless

Routerwith 1 PON, 1 GE + 1 FE 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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DIGISOL SYSTEMS LIMITED

CITIPPOINT, 7th Floor, Unit No. B-701, B-702 & B-703, Andheri-Kurla Road,
J. B. Nagar, Andheri (East), Mumbai - 400059, INDIA

1800-209-3444

www.digisol.com

helpdesk@digisol.com

@DIGISOLINDIA

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