NETLINK GPON ONT 2GE+1POTS+ac WIFI (HG323DAC)

HG323DAC

- **High Gain 4 Antenna, Wide Signal Coverage**
- **EasyMesh : Smart, Extended Coverage WiFi**
- **Support IPv6 and MU-MIMO Technology**
- **Dual Mode (GPON/GEPON)**

2GE+1POTS+ac WIFI ONU terminal devices are designed for fulfilling FTTH and triple play service demand of fixed network operators or cable operators. These boxes are based on the mature Chipset (Realtek) technology, which have high ratio of performance to price, and the technology of IEEE802.11b/g/n/ac WiFi, Layer 2/3, and high quality VoIP as well. They are highly reliable and easy to maintain, with guaranteed QoS for different service. And they are fully compliant with technical regulations such as ITU-T G.984.x and technical requirement of GPON Equipment.

Technical item	2GE+1POTS+ac WIFI ONU
PON interface	1 GPON port Receiving sensitivity: ≤-28dBm Transmitting optical power: 0～+4dBm Transmission distance: 20KM
Wavelength	Tx1310nm,Rx 1490nm
Optical interface	SC/UPC connector
LAN interface	2 x 10/100/1000Mbps auto adaptive Ethernet interfaces, Full/Half, RJ45 connector
POTS interface	1 x RJ11 connectors Support: G.711A/G.711U/G.723/G.729 codec Support: T.30/T.38/G.711 Fax mode, DTMF Relay
WiFi interface	Compliant with IEEE802.11b/g/n/ac 2.4GHz Operating frequency: 2.400-2.4835GHz 5.0GHz Operating frequency: 5.725-5.875GHz Support MIMO, 4T4R,5dBi external antenna, rate up to 1.167Gbps Support: multiple SSID TX power: 11n–22dBm/11ac–24dBm
LED	10, For Status of POWER、LOS、PON、SYS、LAN1～LAN2、POTS、WiFi、CATV、PoE
Operating condition	Temperature: 0°C to 50°C Humidity: 5%-95%（non-condensing）
Storing condition	Temperature: - 30% to 60% Humidity: 5%-95%（non-condensing）
Power supply	DC 12V/1.5A,External AC-DC power adapter
Dimension	178mm×120mm×30m(L×W×H)
Net weight	0.36Kg

► Support full management of HGU functions

► Plug and play, features auto-detecting, autoconfiguration, and auto firmware upgrade , etc

► Integrated OAM/OMCI remote configuration and maintenance function

► Support rich QinQ VLAN functions and IGMP Snooping multicast features,V2/V3 for channel change

► Fully compatibility with OLT based on Broadcom/PMC/Cortina chipset

► Support Per-subscriber, per-servicebandwidth control,IP video with multistage Internet Group Management

► Supports received signal strength indication (RSSI) for lean operations and remote troubleshooting

► QoS,supports advanced dynamic bandwidth management allows prioritization per service and user with the ability to burst up to the full line rate.

► PON interface support SC/APC/as well as SC/UPC optical connector

► Support customer end application with parental control

► Support NAT, Firewall function

► Support IPv4 and IPv6 dual stack

► Support SIP protocol

► Integrated line testing compliant with GR-909 on POTS

► Supports Dying gasp

► Power consumption: $\leq$11W

► LED: Power, Alarm, Connection, Ethernet

► EMI: Protection of over voltage/current