WISI GPON
ONT - GONU25C / 4GE + 1POTS + 2USB + WLAN 2.4/5GHz

MAIN FEATURES:

- Supports management and integral configuration of the ONT from WISI OLT
- Plug and play, features auto-detecting, autoconfiguration, and auto firmware upgrade , etc
- Automatic software update
- Integrated OAM/OMCI remote configuration and maintenance functions
- Supports extensive VLAN QinQ functions and Multicast IGMP Snooping
- Fully compatible with OLT based on Broadcom, PMC and Cortina chipset
- Supports WIFI 802.11 N y AC dual band Wifi
- Supports NAT y firewall functions
- Supports IPv4 y IPv6 Dual Stack
- Supports SIP protocols

DESCRIPTION

The WISI GONU series user devices are designed for operation with the WISI GPON OLTs. These equipment were developed to meet the demand for Triple Play services, offered by both private and public operators through FTTx networks. These equipments are reliable, easy to operate and guarantee quality of service (QoS) for the different Data, Telephony and IPTV services. The WISI GONU series devices comply with the GPON ITU-T G.984 / G.988 standards and are self-configured from the remote WISI OLT without user intervention.

The WISI GONU25C model is an ONT Home Gateway Unit (HGU) fully compatible with the ITU-T G.984 / G.988 and IEEE 802.11 N/AC dual band (2.4 / 5 GHz) WLAN standards, which provides ultra high speed fiber access with 4 GE LAN RJ45 ports, 1 POTS port for fixed telephony services, Wifi 5 and 2 USB.

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ESPECIFICATIONS

PON Interface

- 1 GPON Class B+ port
- Optical transmission power: 0 … +4dBm
- Reception sensitivity: $\leq$ -28dBm
- Transmission distance: 20km
- Comply with GPON ITU-T G.984.1/G.984.2/ G.984.3/G.984.4/G.988 standards
- Optical connection: SC/UPC
- Wavelength: Tx 1310nm, Rx 1490nm

LAN Interface

- 4x 10/100/1000Mbps Ethernet Full/Half
- RJ45 connection

Phone interface (VoIP)

- 1x POTS
- RJ11 connection
- Supported Codecs: G.711a, G.711u, G.723, G.729
- Supports T.30/T.38/G.711 Fax mode
- DTMF Relay

General Data

- Temperature range: 0 – 50ºC
- Humidity: 10% - 90% (non-condensing)
- Power supply: 12VDC / 1.5Amp
- Max Power consumption: 12W
- Dimension: 178mm x 120mm x 30m
- Weight: 420 kg

WLAN Interface

- Comply with IEEE 802.11b/g/N/AC
- Frecuency ranges:
    - 2.4GHz: 2.400-2.483GHz
    - 5.0GHz: 5.150-5.825GHz
- Support MIMO, 4T4R,5dBi external antenna, rate up to 1.167Gbps
- Support multiples SSIDs
- Transmission power
    - 11N: 22dBm
    - 11AC: 24dBm

USB interface

- 1 x USB2.0
- 1 x USB3.0

LED

- On/Off
- LOS (Lost Optical Signal)
- PON
- LAN1
- USB0
- USB1
- WLAN 2.4GHz
- WLAN 5.0GHz
- Phone