

7962v1

ONT DUAL BAND



CARACTERÍSTICAS PRINCIPALES

GPON ITU-T G.984

Supports downstream 2.5Gbps and upstream to 1.25Gbps with a transmission distance up to 20Km.

Wireless

IEEE802.11a/n/ac 5GHz,
IEEE802.11b/g/n, 2.4GHz
2x2, 2x2

Interface

1 x SC/APC GPON Port
4 x 10/100/1000Mbps LAN Port
2 x FXS Ports

VOIP:

SIP (RFC3261),
ITU-T G.729/G.722/G.711a/G.711

ESPECIFICACIÓN

DESCRIPCIÓN

1 x SC/APC GPON Port
4 x 10/100/1000 Mbps RJ45 LAN
2 x FXS RJ11

CHIPSET

RTL9607C + RTL8812FR +
RTL8192FR

FLASH/RAM

256MB 256MB

STANDARD WI-FI

IEEE 802.11b/g/n
IEEE802.11a/n/ac 5GHz

WI-FI

2x2 in 2.4 GHz & 5 GHz
WEP/WPA/WPA2 PSK
RF Output power: 15dBm
External Antena: 5dbi
EIRP (Maximo): 24dBm (=250 mWatt)
Multi SSID
WPS
EasyMesh V2 (Q4-2020)

BOTONES

On/Off
Wi-Fi / WPS

CONECTIVIDAD

GPON 1.25G upstream & 2.5G Downstream
Built-in Layer 2 Switch
VLAN Tag Manipulation, classification, Filtering

ALIMENTACIÓN

100-240VAC
12V / 1A DC (6Kv)

SPECS AMBIENTALES

Temp. Operación 0 - 50°
Humedad Operación 5% - 95%
Temperatura Almacenaje 0-70°

INDICADORES LED

Power
INTERNET
PON
LOS
LAN 1-4
WLAN- 2.4G/WPS
WLAN- 5G/WPS
FXS

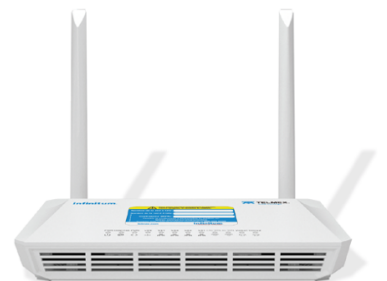
CONTENIDO DE LA CAJA

ONT
Hoja de instalación Rápida
1x Jumper (G657a2, Amarillo)
Fuente de Poder

CERTIFICACIONES

NOM
CE
RoHS
Wi-Fi Alliance

PERSONALIZACION DISPONIBLE



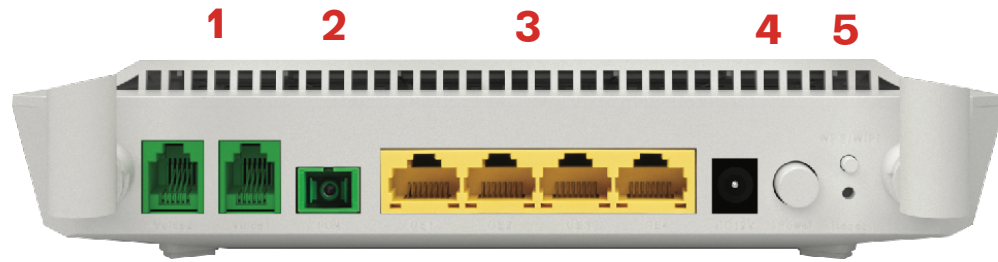
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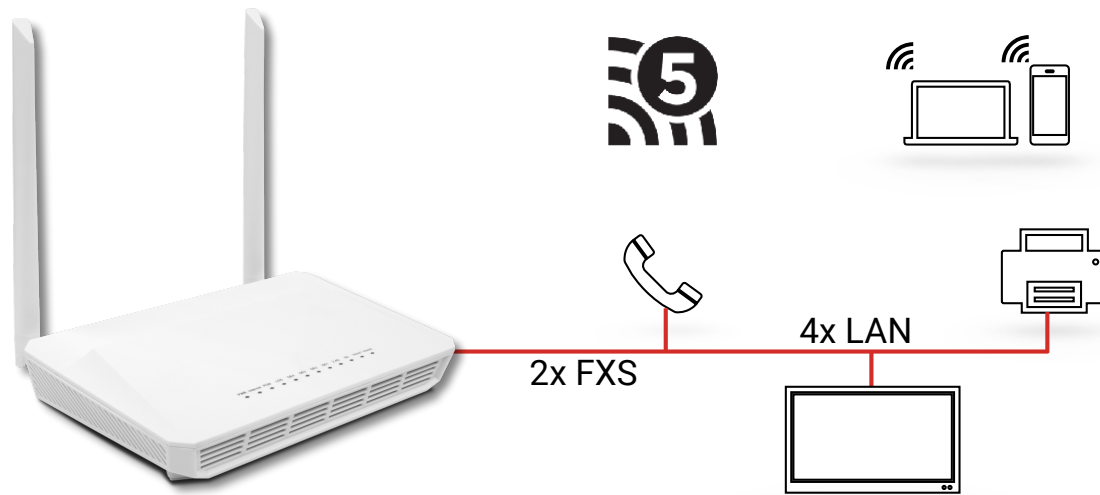


PANEL DE CONEXIÓN

- 1 2x FXS
- 2 1x GPON WAN
- 3 4x 10/100/1000 Mbps LAN
- 4 On/Off
- 5 WPS/ Wi-Fi



APLICACIÓN



ESTÁNDARES Y PROTOCOLOS

GESTION Y MENTENIMIENTO

Compliant OMCI ITU-T G988
TR-069
TR-098, TR-104
Alarming and AVC Report
Performance Monitoring
Dual Image SW
SW Image through OMCI
OMCI Activation and Rebooting

INTERFAZ GPON

G984 GPON Standard
SFF Laser, SC/APC Connector
1.244 Gbps Upstream Transmitter
2.488 Gbps Downstream Receiver
Class B+, compliant with FCC 47 CFR
Part 15, FDA 21 CFR 040.10 and
1040.11, Class I, ONT support
-27dBm Sensitivity / -8dBm Overload
Wavelength: US 1310nm, DS 1490nm
Class C or Class C+ optics as an
option
G.984.5 as an option

GPON QoS

Multiple T-CONTs
Multiple GEM ports
Flexible Mapping
Activation in conformance with
ITU-T G.984.3
AES-128 Decryption with Key
Generation & Switching
FEC (Forward Error Correction)
DBA Reporting through DBRu
802.1p mapper Service on US
Multicast GEM port and
Incidental broadcast GEM port

VOZ

SIP (RFC3261),
ITU-T G.729/G.722/G.711a/
G.711
Enable VoIP Access, supports
external IAD with voice capability
in the Ethernet interface

INTERFAZ ETHERNET

Port auto negotiation / manual
MDI/MDIX Automatic sense
Hardware priority queues (CoS)
801.1D Bridging
VLAN Tagging / De-tagging per
port
VLAN Stacking (Q-in-Q)
VLAN Translation
IP ToS/DSCP to 802.1p mapping
CoS based on UNI, VLAN-ID,
802.1p bit & combined
IGMP v2/v3 snooping and IGMP
snooping with proxy report
Broadcast/Multicast Rate
Limiting

SEGURIDAD Y FIREWALL

Filtering on application and Port
Basis
Stateful Packet Inspection
IP, Port and MAC address source