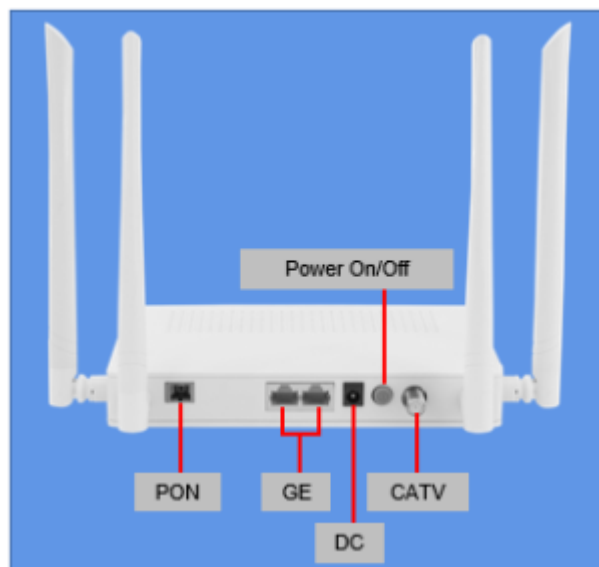
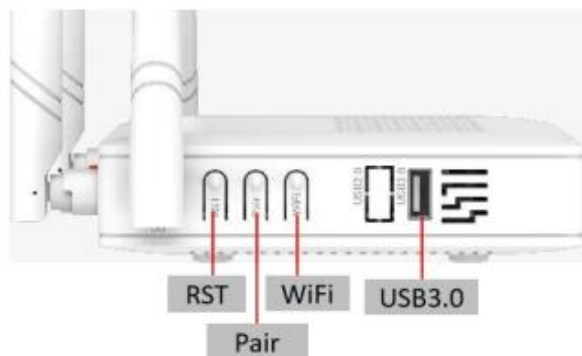


ONU XPON DUAL BAND



DESCRIPCION

ONU XPON Dual Band 2GE-USB-WiFi
CATV - Con fuente

MODELO

WTPADB

CODIGO WT

4281185

Casa Central

Domingo French 831, B1603BNI, Villa Martelli, BS AS, Argentina
Tel:(54) 011-4709-6650
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Sucursal Córdoba

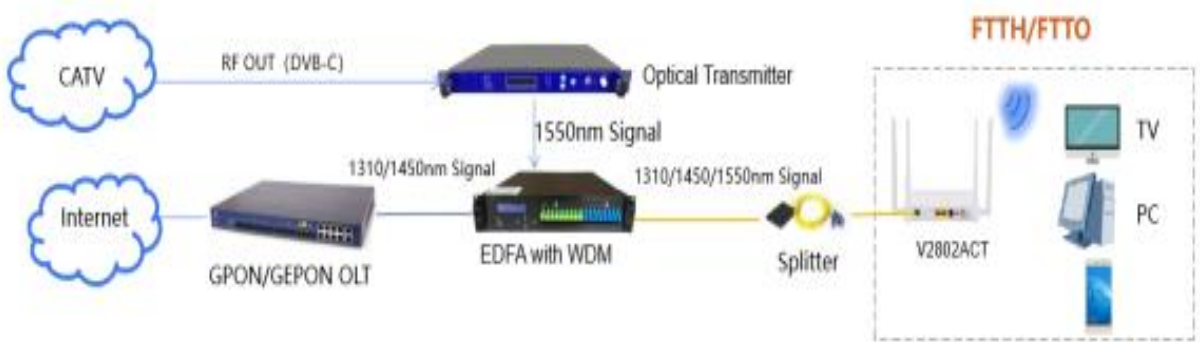
Diaguitas 3138, Córdoba, CP 5008, Argentina
Te:(54) 0351 476-1313 – 0908
sucursalcordoba@wiretechsa.com.ar

1 - CARACTERISTICAS

Los dispositivos terminales 2GE + WiFi5 + USB3.0 + CATV GPON / EPON ONT WiFi, están diseñados para cumplir con la demanda de servicios FTTH y triple play de los operadores de redes fijas.

Estas cajas se basan en la madurez de la tecnología Chipset (Realtek), que tiene una alta relación rendimiento / precio, y la tecnología de WiFi5 (doble banda), Layer 2/3 y WiFi también. Admite la gestión completa de dispositivos ONT a través de HUAWEI, ZTE y Fiberhome OLT. Son altamente confiables y fáciles de mantener, con QoS garantizada para diferentes servicios. Y cumplen totalmente con las regulaciones técnicas como IEEE802.3ah, ITU-T G.984.x.

2 - APLICACIONES



3 – ESPECIFICACIONES

Technical item	1*xPON+2*GE+WIFI5+USB3.0
PON interface	1 G/EPON port(EPON PX20+ and GPON Class B+) Receiving sensitivity: ≤ -28 dBm Transmitting optical power: 0~-+4dBm Transmission distance: 20KM
Wavelength	Tx1310nm, Rx 1490nm
Optical interface	SC/APC connector
LAN interface	2*10/100/1000Mbps auto-adaptive Ethernet interfaces, Full/Half, RJ45 connector
USB interface	USB 3.0, Transmission Rate: 4.8Gbps
CATV interface	Optical receiving wavelength: 1550 ± 10 nm RF frequency range: 47~1000MHz Optical power input range: 0~-3dBm RF output impedance: 75 Ω RF output level: 50~-60dBuV(0~-3dBm optical input) MER: ≥ 32 dB(-3dBm optical input)
WiFi interface	Compliant with IEEE802.11b/g/n/ac 2.4GHz Operating frequency: 2.400-2.483GHz (WiFi 4) 5.0GHz Operating frequency: 5.150-5.825GHz (WiFi 5 wave 2) WiFi:4*4 MIMO,,5dBi antenna, rate up to 1.167Gbps,Multiple SSID TX power: 11n~-22dBm/11ac~-24dBm
Operating Environment	Temperature: 0°C ~+50°C Humidity: 10%~90% (non-condensing)
Storing Environment	Temperature: -30°C ~+60°C Humidity: 10%~90% (non-condensing)
Power Supply	DC 12V/1.5A,12W
Dimension	178mm×120mm×30mm(L×W×H)
Net weight	0.28kg

3 – ESPECIFICACIONES TECNICAS

● Panel lights

PWR PON LOS LAN1 LAN2 2.4G 5G CATV USB			
LED	ON	Blink	OFF
PWR	The device is powered up	N/A	The device is powered down
PON	Green is registered to the PON system	Green is registering to the PON system	The device is not registered to the PON system
LOS	The device does not receive optical signals	N/A	The device has received optical signals
LAN1, LAN2	Port is connected properly	Port is Sending/Receiving Data	The subscriber network cable is not plugged in tightly, or the port connection is incorrect, or no contact.
WiFi (2.4G/5Ghz)	WiFi Turn On	WiFi Turn On with ongoing data transmission	Device is Power Off or WiFi Turn Off
CATV	1550nm wavelength power of input is in.	1550nm wavelength power of input is too high.	1550nm wavelength power of input is too low or no input.
USB	The USB device is connected	Ongoing data transmission	The USB device isn't connected

Table 3 Panel lights on

● Interface description

Port Type	Function
PON	Connect PON port with internet by SC/APC type, single-mode optical fiber cable.
LAN 1/2	Connect the device with an ethernet port by RJ-45 cat5 cable.
RST Button	Press down the reset button and keep about 5seconds to make the device restart and recover from the factory default settings.
Pair Button	Press down the WLAN Pair button to begin pairing.
WiFi Button	WLAN on/off.
DC12V	Connect with power adapter.

4 – FUNCION DEL SOFTWARE

5 Software function

Function	Description
Management Mode	0AM/OMCI, Telnet, WEB, TR069, Support full management by OLT
Data Service	Full speed non-blocking switching
Functions	2K MAC address table 64 full-range VLAN ID Support QinQ VLAN, 1:1 VLAN, VLAN reusing, VLAN trunk, etc. Integrated port monitoring, port mirroring, port rate limiting, port SLA, etc. Support auto polarity detection of Ethernet ports (AUTO MDIX) Integrated IEEE802.1p QoS with four level priority queues Support IGMP v1/v2/v3 snooping/proxy and MLD v1/v2 snooping/proxy Support bridge, router, and bridge/router mixed mode IP address assignment: dynamic PPPoE/DHCP Client and static IP
WiFi Service Functions	Integrated 802.11b/g/n/ac(WIFI5), support EasyMesh protocol. Support max 128 users. Authentication : WEP/WAP-PSK(TKIP)/WAP2-PSK(AES) Modulation type: DSSS, CCK, and OFDM Encoding scheme: BPSK, QPSK, 16QAM, and 64QAM