CALIX
DATA SHEET

CX802RGWT

Overview

1GE+1FE+WiFi+CATV EPON ONU is designed for fulfilling FTTH and triple play service demand of fixed network operators or cable operators. It meets telecom operators FTTO (office), FTTD (Desk), FTTH (Home) broadband speed, SOHO broadband access, video surveillance and other requirements. It is based on the mature stable, cost-effective Gigabit GPON technology, and has high ratio of performance to price, the technology of Layer 2/3, integrated CATV and configuration flexibility. They are highly reliable and easy to maintain, with guaranteed QoS for different service, and fully compliant with technical regulations such as IEEE802.3ah and technical requirement of GPON Equipment from China Telecom.

Special Features

▶ Deul Mode(can access gpon/epon olts).

▶ Plug and play, integrated auto detecting, auto configuration, and auto firmware upgrade technology.

▶ Full compliance to IEEE 802.3ah specification & OAM function.

▶ Support 802.11n 2T2R speed up to 300Mbps.

▶ Support rich VLAN, DHCP Server and IGMP snooping multicast feature.

▶ Advantage traffic management

▶ Advanced Dynamic Bandwidth Allocation (DBA)

▶ The WAN port supports bridge or router mode.

▶ Advanced L2 features QinQ VLAN & QoS support.

▶ Support NAT, Firewall function.

▶ Support Console/ Telnet/ NMS management interface for ease of operation and maintenance.

▶ Support 2K MAC address table.

▶ Fully compatibility with OLT based on Broadcom/PMC/Cortina chipset.

1GE+1FE+CATV+WIFI ONU

Art No	: CX802RGWT
Material	: ABS Plastic
Size	: 158mm*115mm*33mm（L*W*H）
Weight	: 0.4kg
Color	: White
Description	: 1*1000M Ethernet +1*100M Ethernet + CATV + wireless routing ONU, Compatible with Huawei,ZTE,Fiberhome,Dasan, Alcate OLT

CX802RGWT

Technical parameters

Technical item	1GE+1FE+WiFi+CATV
PON interface	1 GPON connector, SC single-mode/single-fiber, downlink/uplink 1.25Gbps.
Wavelength	Tx1310nm, Rx 1490nm, CATV 1550nm.
Optical interface	1 PON interface, 1 CATV interface, SC connector
LAN interface	1x 10/100/1000Mbps auto adaptive Ethernet interfaces and 1x 10/100M Full/Half. RJ45 connector.
RF interface	1 RF output interface.
Wireless	Compliant with IEEE802.11b/g/n, 300Mbps, 2T2R.
LED	7, For Status of POWER, LOS, REG, GE, FE, CATV and WiFi.
Operating condition	Temperature: -5°c~55°c Humidity: 10%~90% (non-condensing)
Storing condition	Temperature :-30°c~60°c Humidity :10%~90% (non-condensing)
Power supply	DC 12V/1A
Power consumption	≤8W
Dimension	158mm×115mm×33mm（L×W×H)
Net weight	0.4Kg