

ONU1911-4GVC-W XPON ONU

1-Port FTTH/O ONU, GPON/EPON Dual-Mode Adaptive



Overview

ONU1911-4GVC-W HGU is an intelligent home gateway terminal product launched by for multi-service converged networks, integrating wireless and voice functionalities.

This product is compatible with EPON and GPON networks, complying with ITU-T G.984/988, IEEE802.3ah international standards, Communication industry standards of the People's Republic of China GB/T 33845-2017 and YD/T 1475-2006, as well as China Telecom's EPON/GPON equipment technical requirements (CTC). It possesses excellent interoperability and operability, allowing seamless interconnection with leading OLT devices from industry manufacturers.

Additionally, it supports the TR-069 protocol, enabling efficient and remote network management.

Benefits

- Support GPON/EPON Dual-mode Automatic Switching
- Support 3000Mbps Dual Band 2.4GHz/5GHz Wi-Fi 4/5/6
- Supports Centralized Management via FS OLT's Unified Web UI
- Supports VoIP, Ethernet and CATV services
- Support DBA and Rate-Limit for Smart Bandwidth Management
- Layered Security with VLAN, ACL, AES-128, and Storm Control
- Complies with ITU-T/IEEE/GB/CTC and Supports Mixed-vendor or OLT Deployment

Technical specification

XPON ONU can provide high performance broadband access service for home and enterprise. Here is a look at the details.

CHARACTERISTICS

	ONU1911-4GVC-W
PON Ports	1-Port SC/APC
UNI Ports	4-Port Gigabit RJ45
WIFI	3000Mbps
Voice	1
USB2.0	1
Optical Tx Power	0.5-5dBm
Optical Receive Sensitivity	<-28dBm
CATV TX level	≥70dbuv
CATV Receiver AGC Range	-15~-5dbm
Power Supply	Input: 100-240VAC Output: 12V/1.5A
Max. consumption (W)	18W
Dimensions(HxWxD mm)	1.4"x7.3"x5.3" (36x185x135mm)
Weight(Kg)(empty)	0.3
Operating Temperature	-0°C -45°C
Storage Temperature	-40°C -85°C
Operating Humidity	10%-85% (non-condensing)
Storage Humidity	5%-95% (non-condensing)

FEATURES

Functionality	ONU1911-4GVC-W
Standards	ITU-TG.984/G.988 IEEE802.3ah GBT33845-2017, YD/T 1475-2006 IEEE 802.1Q, VLAN ITU-T Y.1291
VLAN	4K VLAN Port based VLAN IEEE 802.1Q VLAN Tag/Transparent/Aggregation /Trunk/Translation mode VLAN CTC2.0 defined VLAN
IP Service	DHCP server/client Routing/Bridging DNS PPPOE NAT/NAPT
Reliability	Loop Detection Dying-Gasp TX/RX Optical Power Alarm
Management	Management modes including CLI, HTTP, SNMP, TR069 and TELNET Software upgrade through TFTP and WEB, OMCI, etc. Local or server syslog
Voice Service	SIP, T.38 FAX Three-way calling Call waiting Hot-line calling
Network Security	MAC address number limit MAC filter Port protect

FEATURES

Functionality	ONU1911-4GVC-W
Wireless	802.11b/g/n/ac/ax 2x2 MIMO Multi SSID SSID encryption Wireless channel (configurable)
Multicast	IGMP-Snooping CTC defined dynamic multicast function MLD-Snooping Multicast group limitation Multicast fast-leave