

ONU1910-4G-W SERIES ONU

1-Port FTTH/O ONU, GPON/EPON Dual-Mode Adaptive,WIFI4/5/6



ONU1910-4G-W



ONU1910-4GV-W

Overview

FS's ONU1910-4G-W Series HGU is a smart home ONT for multi-service convergence network, integrating wireless and voice functions.

ONU1910-4G-W Series ONU complies with the international standard ITU-T G.984/988 and IEEE802.3ah and China Telecom EPON/GPON Technical Requirement CTC. With great interoperability and operability, it can realize the interconnection with OLT of the mainstream manufacturers in the industry. ONU1910-4G-W Series ONU has 2 models: ONU1910-4G-W and ONU1910-4GV-W.

Benefits

- G.984/988 Standards Ensure Compatibility with Mainstream OLT Equipment
- Support QoS and DBA for Service Quality Guarantee
- Epon Gpon Dual Mode Automatic Switching
- Maximum Transfer Distance of Up to 20km
- Support WEB/SNMP for Flexible Operation

Technical Specification

ONU1910-4G-W series ONU can provide high performance broadband access service for smart home. Here's a look at the details.

CHARACTERISTICS

	ONU1910-4G-W	ONU1910-4GV-W
PON Ports	1x SC/UPC	1x SC/UPC
UNI Ports	4x GE RJ45 + 1x USB	4x GE RJ45 + 1x USB + 1x RJ11
Optical Tx Power	0.5~5dBm	0.5~5dBm
Optical Receive Sensitivity	<-28dBm	<-28dBm
Power Supply	DC 12V/1.5A	DC 12V/1.5A
Power Consumption	<18W	<18W
Dimensions(HxWxD mm)	1.42"x7.28"x5.31" (36x185x135mm)	1.42"x7.28"x5.31" (36x185x135mm)
Operation Temperature	0°C to 45°C (32 to 113°F)	0°C to 45°C (32 to 113°F)
Operating Humidity	10% to 90% (non-condensing)	10% to 90% (non-condensing)

Notes:

RJ45 ports can be used as 10/100/1000Mbps ports for Ethernet connection. RJ11 ports can be used for general voice over IP system.

FEATURES

	ONU1910-4G-W	ONU1910-4GV-W
VLANs	Port Based VLAN IEEE 802.1Q VLAN	
PON Ports	Up to 1.25Gbps Upstream and 2.5Gbps Downstream Epon/Gpon Dual Mode Automatic Switching GPON: Up to 1.25Gbps Upstream and 2.5Gbps Downstream EPON: Up to 1.25Gbps Upstream and 1.25Gbps Downstream Maximum Transfer Distance of Up to 20km	
Standards	ITU-T G.984/G.988, IEEE802.3ah CCSA Communication Industry Standard GBT33845-2017,YD/T 1475-2006 802.1Q, VLAN	
Data Forwarding	Support Router Mode and Bridge Mode	

	ONU1910-4G-W	ONU1910-4GV-W
DNS	Support DNS Relay	
DHCP	Support DHCP Server	
Multicast	Support IGMP-Snooping Support MLD-Snooping Support Full-routing Multicast	
Voice Service	SIP, H.248	
WIFI	IEEE802.11a/b/g/n/ac/ax 2.4GHz&5GHz MU-MIMO (Max 3000Mbps) Multi SSID/WPS	
Reliability	Loop Detection Dying-Gasp Tx/Rx Optical Power Alarm	
Network Security	Firewall ACL Filter	
Management	Web/TELNET/TR069/OMCI/OAM WEB/TR069/OLT for Software Upgrade Remote Management of WiFi/WAN/VoIP	
Heat Dissipation	For long time use (24 hours), equipment heating will not cause performance degradation and device deformation damage.	