

Datasheet

xPON Cloud Managed

8 Ports PoE MDU

WI-POL308G-P



Overview

MDU is a high-performance network unit for POL solutions. It uses PON uplink and supports EPON/GPON mode. The optical network delivers premium network access which supports 2.5G uplink and downlink in EPON mode, 1.25G uplink and 2.5G downlink in GPON mode. 8 PoE Ethernet ports support the IEEE 802.3af/at standard and can flexibly provide network and power for IPC, AP, IP Phones, and other devices. It supports cloud, OMCI, and WEB management, greatly simplifies operation and maintenance. It is a next-generation all-optical network ideal for hotels, small & midsize enterprises, and other scenarios.

Features

All-optical Networking

Intelligent, simplified, ultra-broadband Multi-Dwelling Unit for next generation all-optical networks.

EPON/GPON Dual Mode

Flexible EPON/GPON dual mode for multiple network and application.

Ultra-broadband Network

1.25G uplink/2.5G downlink GPON or 2.5G uplink and downlink EPON and 8-Port 1000M Ethernet.

IEEE 802.3af/at Power-over-Ethernet

Compatible with IEEE 802.3af/at PoE, meeting the needs of wireless coverage, security monitoring, teleconferencing system, and other scenarios.

ONVIF

Comply with ONVIF protocol, which is easily access and management ONVIF camera by cloud.

Wi-Tek Cloud Management

Wi-Tek Cloud's quick installation and configuration provide reliable performance, visual management, and remote access which is easy operation and maintenance.

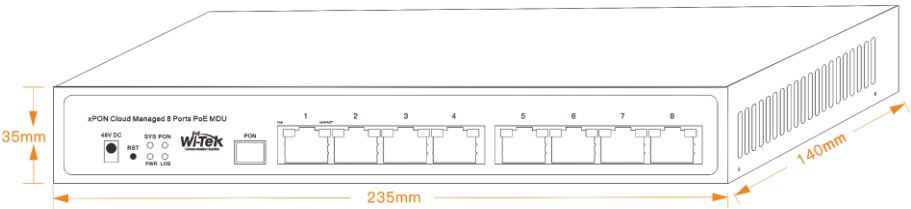
Specifications

Products	WI-POL308G-P
Hardware Version	V1
Hardware Features	
Network to Network Interface	1*PON SC/UPC (BOSA on board)
User Network Interface	8*10/100/1000Mbps PoE+ RJ45 (MDI/MDIX)
LED Indicator	1*PWR, Power indicator, 1*SYS, System indicator, 1*LOS, Loss of signal indicator, 1*PON indicator
RST button	Long press over 10 seconds: Restore the factory default configuration.
Power Supply	48V DC @2.5A
Power Consumption	<10W (Without PoE)
Dimensions	W*H*D: 235*140*35mm
Weight	0.83kg
Package Dimensions	W*H*D: 313*240*40mm
Package Weight	1.44kg
Installation	Desktop mounted
Fan Quantity	Fan-less
Material	Metal shell
Product Property	
Standards	IEEE 802.3, IEEE 802.3u, IEEE 802.3ah, IEEE802.3ab, IEEE 802.3x, IEEE802.1Q, IEEE802.1p, IEEE 802.3af, IEEE 802.3at, ITU-T G.984.1, ITU-T G.984.2, ITU-T G.984.3, ITU-T G.984.4, CTC3.0
MAC Address Table	1K, support auto learning
PON Features	Receiving sensitivity: -8 to -27dBm GPON model: downstream 2.5Gbps / upstream 1.25Gbps EPON model: downstream 1.25Gbps / upstream 1.25Gbps Dynamic bandwidth status report Transparent/Tag/Trunk/Q-in-Q/Translate VLAN label processing QoS scheduling based on SP or WRR between GEM port and T-CONT Downstream multicast GEM port and broadcast GEM port Support Triple Churning Encryption algorithm Support NSR/SR Dynamic Bandwidth Allocation (DBA) Support Forward Error Correction (FEC) Support Dying Gasp
PoE	
PoE Port	1-8
PoE Standard	IEEE 802.3af/at
PoE Power Supply Type	End-span
PoE Pin Assignment	1/2(+), 3/6(-)
PoE Power	30W max for each port, total PoE power budget 110W max.
Reliability	
ESD Protection	Contact discharge: ±8kV, air discharge: ±15kV
Surge Protection	Ports: 4kV Common mode, 1kV Different mode Power: 6kV Common mode, 2kV Different mode
Operating Environment	-10°C to 70°C, 5%~90% (non-condensation)
Storage Environment	-40°C to 70°C, 5%~95% (non-condensation)
Working Height	Max to 10,000 feet (3,000 meters)
Management	
Management	Cloud, OMCI, OAM, WEB

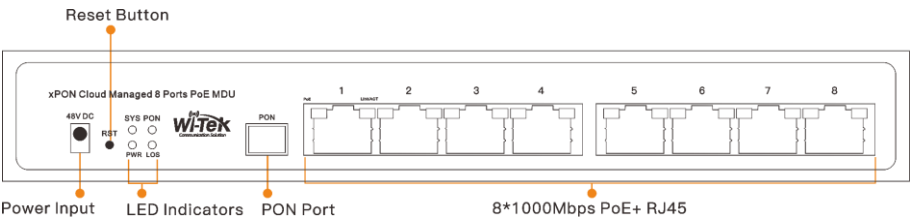
Appearances and Dimensions

WI-POL308G-P

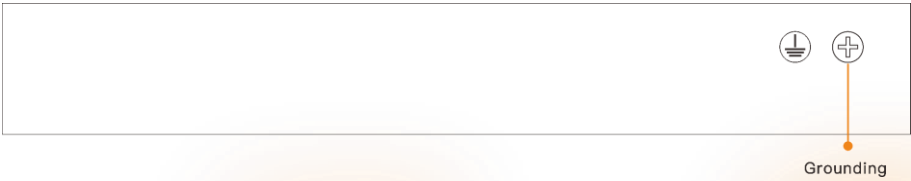
Dimensions



Front Panel



Rear Panel



Package Content

Welcome to order our products. After purchasing, you will receive:

Item	Quantity
MDU	1 pcs
48V@2.5A Power Adapter	1 pcs
Grounding Cable	1 pcs



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Technical Support



Cloud Management



Company Website