

WAT-110 GPON ONT

Product Specification

Ver. 0.1
July 2020

Revision History

Rev	Date	ECO	Change Log
0.1	11/14/2019		Initial Revision

■ Summary

Azores Networks' WAT-110 GPON ONT is best suited for FTTH residential and small office application. It has 1 Gigabit Ethernet data port which provides a variety of services such as high-speed Internet access, online video on demand, video conference and large file transfer services.

■ Highlights

- ❖ GPON Uplink
- ❖ 1x 10/100/1000BASE-T Ethernet RJ45 ports
- ❖ Wall adaptor
- ❖ 0 to 40°C operating temperature

■ Specifications

General

Azores Model	WAT-110
ONT Type	GPON ONT
Main SoC	RTL9601D
Uplink	GPON
Downlinks	1xGE
Operating Temperature	0 to 40°C
Storage Temperature	-40 to 70°C
Operating Humidity	10% to 95%, non-condensing
Storage Humidity	5%~95%, non-condensing
Installation	Desktop
Dimensions (W X D X H)	90x 70x 25mm

GPON

GPON Standard	ITU-T G.984.2, ITU-T G.984.3 and ITU-T G.984.4
Connector	SC/APC
Data Rate	ITU-T G.984.2, ITU-T G.984.3 and ITU-T G.984.4
Distance	20km
GPON Features	Dying Gasp, DBA, FEC

GE LAN

Ethernet Interface	4x RJ45 connectors
Standard Compliance	IEEE 802.3, 802.3u, 802.3ab
Link	Half-duplex and full-duplex operations; 10/100/1000BaseT auto-negotiation and manual configuration; MDI/MDIX auto detection

Features

MAC	Ethernet frame filtering based on port, SA/DA
VLAN	IEEE 802.1d bridging Ingress/egress IEEE 802.1p tagging and replacement Traffic class forwarding to GEM Port and TCONT

QoS	WMM, Bandwidth Control
Port Forwarding	Virtual Server, Port Triggering, UPnP, DMZ
Firewall	DoS, SPI Firewall
	IP Address Filter/MAC Address Filter/Domain Filter
	IP and MAC Address Binding

OAM

LED	Power, PON, LOS LAN
Management	OMCI, CLI, Remote Management
Firmware Upgrade	Firmware upgrade, active and alternative firmware images
Button	On/Off button
Performance Monitoring	G.984.4 compliance statistics

Power

Max Power Consumption	6 watts
Power Options	Wall adapter
Wall Adapter	Standard Barrel Connector
	100-240VAC in, 50/60Hz
	12VDC out, 0.5A max

■ Product Photo



■ Contact

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