

ZHONE ZNID GPON 7310

GPON ONT FOR SMALL BUSINESS

Zhone's Outdoor Business GPON ONT is a Standards based ONT designed with the Needs of a small Business in Mind. T1/E1 circuit Emulation over IP allows traditional Circuit Services over a Fiber Network.

The weather proof Enclosure can be installed to terminate and protect Fiber Connections while the Electronics can be easily installed at a later Date. The Electronics could be installed inside the Building with or without the Enclosure.



- Standard ITU G.984 GPON
- Outdoor Deployment
- Triple-Play QoS
- VoIP with CLASS 5 Features
- Multicast Video
- T1/E1 Support
- Battery Backup Support

DIMENSIONS	PROTOCOL SUPPORT
286 mm (11.25") W x 330 mm (13") H x 110 mm (4.3") D	GPON
POWER	Fully ITU-T G.984 compliance
Input: 12 VDC	FEC, AES, DBA
Power Consumption: max 17 Watts	Up to six Traffic Containers
Uses Standard 7 pin UPS Cable for Power and Alarms	Ethernet / IP
INTERFACES	Bridging and switching (802.1D / 802.1 Q)
GPON: SC/APC	Four Traffic Classes with 802.1p
Data: 1x 10/100/1000 Base-T Ethernet	802.3n Flow Control
Voice: 8x RJ11 or IDC	Up to 512 MAC Address Entries
T1/E1: 2x T1/E1 Pseudo-wire Emulation	VLAN Tagging / Untagging
STANDARDS SUPPORT	VLAN Stacking (Q-in-Q)
ITU-T G.984 compliant	MAC Limiting
VOICE SUPPORT	802.1x Ethernet Authentication
5 REN	IPTV: IGMP Multicast, IGMP Snooping
Loop Start	T1/E1: Supports PWE3 Standard, Structured and Unstructured,
GR-909 Testing	Local and Derived Clocking
SIP, SIP-PLAR, H.248	MANAGEMENT
G.711, G.726	OMCI complies with G.984.4
Echo Cancellation, Voice Activity Detection, Silence Suppression, Comfort Noise Generation	BANDWIDTH/DISTANCE
Caller ID	Supports 2.5 Gbps Downstream, 1.2 Gbps Upstream
CLASS Features	Class b+ Optics
DTMF in RTP (RFC 2833)	20 km reach
T.38 Fax	REGULATORY COMPLIANCE
Modem, Fax Tone Detection	EN 55022, EN 55024, EN 50160:200
Fixed or adaptive Jitter Buffer.	IEC 60950-1:2001, IEC/TR 60083 ED4 (2004-05)
	CE, UL

MODEL	DESCRIPTION
ZNID-GPON-7310	Outdoor GPON ONT, 8xPOTS, 1xGE, 2xT1/E1