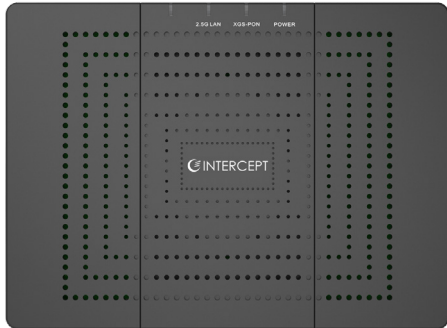


EDGE INTERCEPT



INTX-2002I **XGS-PON ONT**



Features and Benefits

- ITU-T G.9807.1 XGS-PON BoB Uplink
- 1x 10/100/1000/2.5 G/5 G/10 G BASE-T IEEE 802.3 ab/bz/an Ethernet RJ45 Ports
- Support IEEE1588v2, Y.1731 and Sync-E (Planned)
- Support 802.3 af PoE PD
- Wall Adaptor, BBU, and PD Powering Options
- -40 to 65 °C Operating Temperature



Specifications

INTX-2002I XGS-PON ONT



GENERAL	
Model	INTX-2002I
ONT Type	XGS-PON ONT
Main SoC	MaxLinear PRX321
Uplink	XGS-PON
Downlinks	1x 10 GE
Operating Temperature	40 to 65 °C
Storage Temperature	40 to 85°C
Operating Humidity	10 % to 95 %, Non-condensing
Installation	Desktop, Wall-mount, Din Rail Mount, with Integrated Fiber Management
Dimensions	1176x130x35 mm
Net Weight	350 g
XGS-PON	
PON Interface	ITU-T G.9807.1 BoSA on Board
Connector	SC/APC
Data Rate	Symmetrical Tx: 9.95328 Gbps; Rx: 9.95328 Gbps
Standard Compliance	ITU-T G.9807.1
10 GE LAN	
Ethernet Interface	RJ45 Connectors
Standard Compliance	IEEE 802.3, 802.3 u, 802.3 ab, 802.3 an, 802.3 bz
Link	Half-duplex and Full-duplex Operations; 10/100/1000/2.5 G/5 G/10 G BaseT Auto-negotiation and Manual Configuration; MDI/MDIX Auto Detection
Layer-2 Bridging	
MAC	Ethernet Frame Filtering Based on Port, SA/DA IEEE 802.3 as, Max MTU size 9000 bytes MAC Address Limiting
VLAN	IEEE 802.1 d Bridging Ingress/egress IEEE 802.1 p Tagging, Replacement and Striping IEEE 802.1 ad Double Tagging Traffic Class Forwarding to GEMPort and TCONT
QoS	QoS Based on 802.1 p and 802.1 q 802.1 p Marking Based on DSCP
Multicast	IGMP v2, v3, IGMP Snooping

Specifications

INTX-2002I XGS-PON ONT



OAM	
LEDs	Power, PON, 10 GE
Button	Reset
Management	OMCI, CLI, Telnet, Remote Debug
Firmware Upgrade	Firmware Upgrade, Active and Alternative Firmware Images
Diagnostics	Enhanced GPON Debug and Diagnostic Functions Remote Debug via Telnet from OLT Log Files, Memory Allocation and Crash Check
Alarm	Alarm Report and Suppression (ARC)
PM	All Standard PM Counters
PoE PD	
Standard Compliance	IEEE 802.3 af
Power	15.4 W Max
Power	
Max Power Consumption	5 watts
Power Options	Wall Adapter (2-pin Phoenix), BBU (8-pin Molex), PoE PD
Wall Adapter/BBU	100-240 VAC in, 50/60 Hz 12 VDC out, 1 A max

Order Information

Model	Description
INTX-2002I	XGS Uplink, 10 GE LAN, 802.3 af PD, I-Temp