

ZISA OP151SI

1*XPON+1*GE(SFP) ONU Stick SFP (I-Temp)



Overview

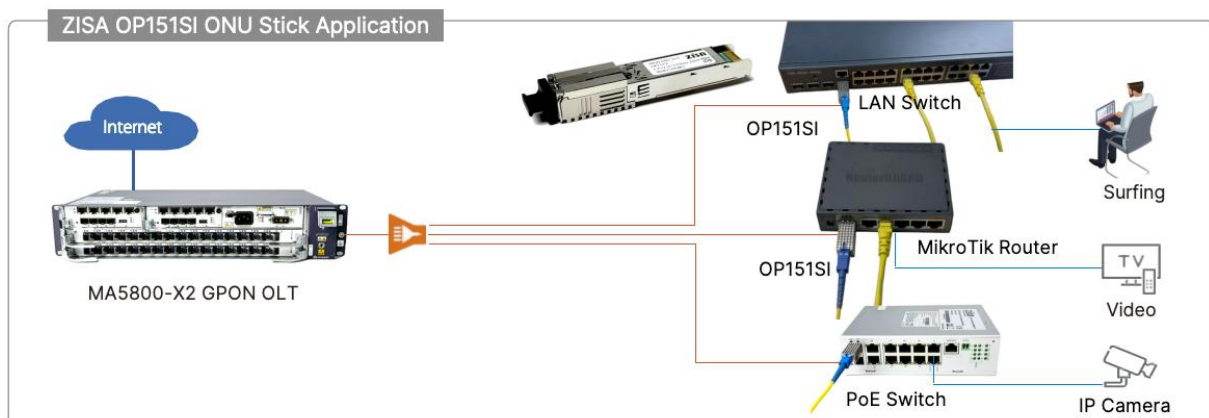
The OP151SI XPON ONU Stick is a high performance module for single fiber communications that can be plugged into the SFP optical port of switch or router device to provide XPON network access to the device. It uses a 1310nm burstmode transmitter and a 1490nm continuous-mode receiver. It is used in the optical network terminal (ONT) for GPON ONU Class B+ applications with Mac inside.

The SFP Stick ONU is based on the mature Gigabit GPON/EPON technology, highly reliable and easy to maintain. And it is fully compliant with technical regulations such as ITU-T G.984.x and IEEE802.3ah.

Features

- Smallest SFP ONU for Fast Deployment
- XPON Auto-Adaptive GPON/EPON mode
- Configuration Free, Plug&Play, Easy to Use
- Web ONU Management and Control Interface (OMCI) Specification
- MAC and SN can be modified
- Web GUI firmware management
- High temperature resistant, operating temperature -40°C~85°C.
- Ideally suited for Business Services and to GPON, EPON, FTTx, Wireless Backhaul

Applications



Specifications

Interface Parameter	
PON interface	<ul style="list-style-type: none"> • 1 SC connector, PX20+ and Class B+ , GPON/EPON adaptive • Receiving sensitivity: $\leq -28\text{dBm}$ • Transmitting optical power: $0 \sim +4\text{dBm}$ • Transmission distance: 20KM
Wavelength	Tx-1310nm, Rx-1490nm
Optical interface	SC/UPC connector (SC/APC options)
LAN interface	1xGE Ethernet interfaces, SFP connector

Hardware Parameter	
Dimension	75mm×8.2mm×6.8mm(L×W×H)
Net weight	19g
Operating condition	Operating temperature: $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (I Temp) Operating temperature: $0^{\circ}\text{C} \sim 70^{\circ}\text{C}$ (C Temp) Humidity: 5% ~ 95% (non-condensing)
Storing condition	Temperature : $-30^{\circ}\text{C} \sim 60^{\circ}\text{C}$ Humidity : 5% ~ 95% (non-condensing)
Power supply	DC3.3V
Power consumption	$\leq 2.5\text{W}$

Function Data	
Satisfactory standard	<ul style="list-style-type: none"> • Meet IEEE802.3ah standard • Meet ITU-T G.984.x
Mode	<ul style="list-style-type: none"> • SFU mode • Optionally support some functions of HGU(DHCP/PPPoE/NAT)
Configuration MAC Address	Support
Configuration SN	Support
Configuration Vendor ID	Support
Configuration PVID	Support
DDMI	Support
Management	HTTP/Telnet/SSH/TR069
SFP MSA Standard	Support
VLAN	VLAN Transport ransmission VLAN Switch funtion
L2	<ul style="list-style-type: none"> • 802.1D&802.1ad bridging • 802.1p CoS

L3	<ul style="list-style-type: none"> • IPv4 • Forwarding PPPoE package
Multicast	<ul style="list-style-type: none"> • Forwarding IGMPv2/v3 package

Ordering Information

Product Model	Product Description	Accessories
OP151SI	XPON ONU Stick, 1GE(SFP), SC/UPC, I-Temp	NA
OP151SI-A	XPON ONU Stick, 1GE(SFP), SC/APC, I-Temp	NA

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