ZISA®

ZISA OP154P

PoE ONU SFU, 1*XPON (GPON+EPON), 4*GE PoE+, With PoE Power Adapter 54V, 1.11A @60W, Iron Shell
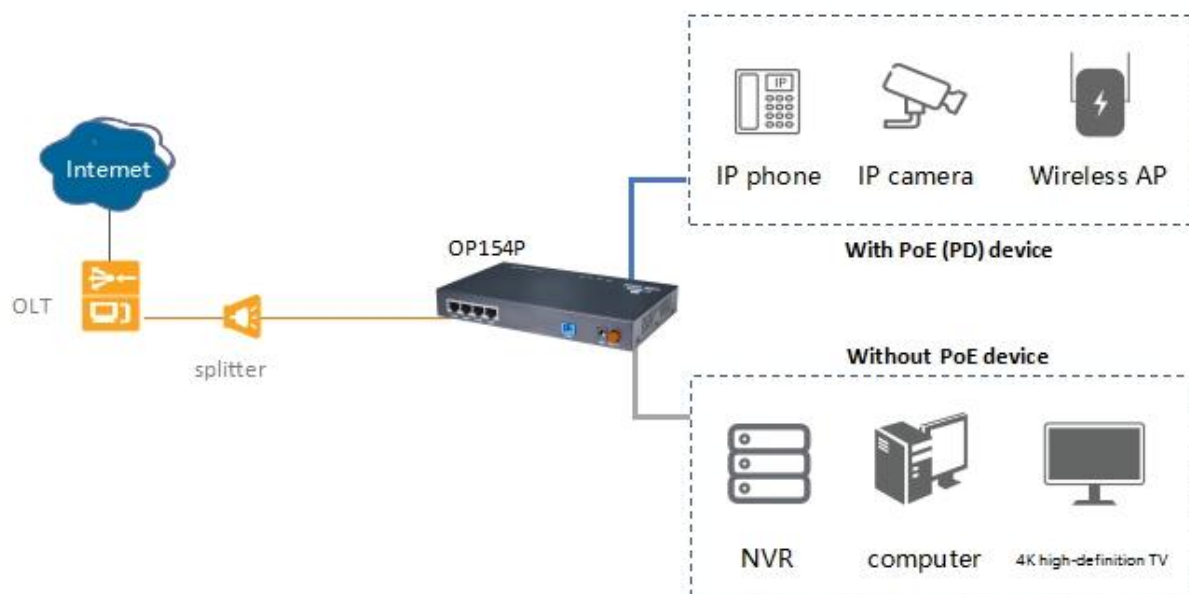

I Overview

OP154P is a broadband access device specially designed to meet the needs of telecom operators for FTTO (Office), FTTD (Desktop), FTTH (Home), SOHO access, and video surveillance access.This ONU is based on high-performance chip solutions, and also supports Layer 2 functions, providing data service for carrier-grade FTTH applications.

The 4 network ports of this ONU all support PoE function, which can power IP cameras, wireless APs, and other devices through network cables.This ONU has high reliability, is easy to manage and maintain,and can provide QoS guarantee for various data services. It conforms to a series of international technical standards such as IEEE802.3ah and ITU-T G.984.

I Features

- XPON Dual Mode,Adaptive EPON/GPON

- Detection of illegal ONU

- Firewall Functions

- IEEE802.3at PoE+,Maximum output of 30W per port

- Iron shell, Better heat dissipation and more durable

I Applications

I Specifications

Hardware Parameter

Dimension	205*125*28mm(L×W×H)
Net Weight	NA
Operating Condition	Operating temp: -10 ~ +55℃ Operating humidity: 10 ~ 90% (non-condensing)
Storing Condition	Storing temp: -30 ~ +70℃ Storing humidity: 10 ~ 90% (non-condensing)
Power Adapter	DC 54V, 1.11A, external AC-DC power adaptor
Power Supply	≤60W
Interfaces	4*GE(PoE+)
Indicators	Power, PON, LOS, SYS,LAN1-4

Interface Parameter

PON Interface	1XPON port(EPON PX20+ and GPON Class B+) SC single mode, SC/UPC connector TX optical power: 0～+4dBm RX sensitivity: -27dBm Overload optical power: -3dBm(EPON) or -8dBm(GPON) Transmission distance: 20KM Wavelength: TX 1310nm, RX1490nm
LAN Interface	4*GE(PoE+), Adaptive Ethernet interface, RJ45 connector

Function Data

PON Mode	XPON Dual Mode , Can access mainstream EPON/GPON OLT
Abnormal Protection	Supports detecting illegal ONUs
Firewall Function	Support DDOS, Filtering Based on ACL/MAC/URL
Basic Functions	MPCP discovery and registration Mac/oid/Mac+Loid authentication Triple Churning DBA bandwidth automatic detection, configuration, and firmware upgrade SN/Psw/oid/oid+Psw authentication
Alarm	Dying Gasp port loop detection Eth Port Loss
LAN	Supports port rate restrictions Supports loop detection Supports flow control Supports storm control Supports PoE+/PoE, IEEE 802.3at/af, with a maximum of 30W per port
VLAN	VLAN tag mode VLAN transparent mode VLAN trunk mode (up to 8 vlan)
Multicast	IGMPv1/v2/Snooping Up to 8 multicast vlan Up to 64 multicast groups
QOS	Supports 4 queues Supports SP and WRR Supports 802.1P

Management	CTC OAM 2.0 and 2.1
	ITU-T 984. x OMCI
	Support for WEB
	Support for TELNET
	Support for CLI

I Ordering Information

Product Model	Product Description	Accessories
OP154P	4GE (PoE+), Iron Shell	DC 54V, 1.11A, external AC-DC power adaptor

I ZISA Technologies Inc.

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Specifications are subject to change without notice.

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