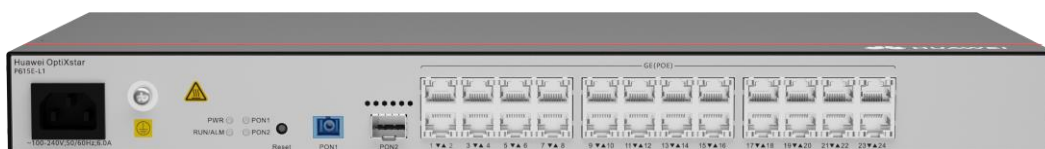


Huawei OptiXstar P615E-L1 Datasheet

Date: 2023-08-30

Product Overview

Huawei OptiXstar P615E-L1 is a rack-mounted PoE ONU. It provides two GPON upstream ports on the network side and 24 GE (PoE+) ports on the user side. It is suitable for carrying data, video and Wi-Fi services in high-density campus scenarios and brings high-quality service experience to users.



Product Highlights

- Features high reliability, two GPON upstream ports, supporting type C networking protection.
- 24 GE ports, supporting high-density access.
- The PoE function provides remote power supply for access APs and cameras.
- Supports wide temperature range with strong environment adaptability.
- 802.1x authentication ensure device access security.
- Centralized management on eSight.

Technical Specifications

NNI	2*GPON(1*BOB+1*SFP)	UNI	24*GE, supports PoE+
PoE output power	Maximum output power of a PoE+ port: 30 W Maximum total output power: 370 W	Surge protection specifications	GE: common mode 6 kV; differential mode 0.5 kV. AC power: common mode 6 kV; differential mode 6 kV.
Operating temperature	-25°C to +55°C	Installation mode	Support 19-inch cabinet, rack, or network box installation
Operating humidity	5%RH to 95%RH (non-condensing)	Rated operating voltage range	100–240 V AC, 50 Hz/60 Hz, 6A
Static power	36 W	Maximum power	447 W

consumption		consumption	
Dimensions (WxDxH)	442mm×220mm×43.6mm (Without Mounting Brackets) 482mm×220mm×43.6mm (With Mounting Brackets)	Weight	About 3.1 kg
Heat dissipation mode	Fans heat dissipation	-	-

Port Parameters

GPON	GE/XGE(electrical)
<ul style="list-style-type: none"> Port type: SC/UPC Complying with ITU-T G.984.2, Class B+ Transmission rate: upstream 1.244 Gbit/s, downstream 2.488 Gbit/s Receiver sensitivity: -27dBm~-29dBm Overload optical power: -8dBm 	<ul style="list-style-type: none"> PoE+ Port type: RJ-45 Auto ports speed(10/100/1000 Mbit/s) Half-duplex/full-duplex mode negotiation and configuration Auto-MDI/MDIX Configuration of the number of MAC addresses learned VLAN filtering


Function List

Automatic Service Provisioning	Smart O&M	Networking Protection	Security
<ul style="list-style-type: none"> Authentication exemption XML/OMCI 	<ul style="list-style-type: none"> XML/Web UI Rogue ONT detection and self-regulation Ring network detection PPPoE/DHCP simulation testing 	<ul style="list-style-type: none"> Type B Protection Type C Protection PON upstream load sharing 	<ul style="list-style-type: none"> 802.1x DoS/ARP anti-attacks Static MAC address binding Device access control Web session number restriction
Multicast	QoS	Layer 2 Management	
<ul style="list-style-type: none"> IGMP v2/v3 snooping IGMP proxy MLDv1/MLDv2 snooping Dynamic controllable multicast Uncontrollable multicast 	<ul style="list-style-type: none"> Ethernet port rate limitation 802.1p priority SP/WRR/SP+WRR 	<ul style="list-style-type: none"> DHCP Option82 PITP BPDU transparent transmission LLDP/LLDP-MED IPv6 (Layer 2 transparent transmission) 	

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