

Maipu PU2300-1G GPON SFU



Maipu PU2300-1G GPON SFU is designed for telecom operators FTTO (office), FTTH (Home) broadband access, SOHO broadband access, video surveillance adopt mature and stable, cost-effective GPON technology, following ITU-TG.98 standards, providing high reliability, easy management, flexible configuration and access service (QoS) to meet customer requirement. PU2300-1G provides 1*GPON Port, 1*GE Port.

(Note: The product information may not be latest. For the latest, please contact overseas@maipu.com)



Product Features

Panel lights & Interface Description

LED	Mark	Color	Status	Description
system	SYS	Green	On	Device is powered on and starting.
			Blink	Device is running normally.
			Off	Device is powered off.
Optical signal state	REG	Yellow	Blink	Device is not registered to the PON system.
		Green	Blink	Device is being registered.
		Green	On	Device is registered to the PON system.
Interface	LINK/ACT	Green	On	Port is connected properly .
			Off	Port connection exception or not connected.
			Blink	Port is sending or/and receiving data.

Port Type Function

PON	Connect PON port with internet by SC/UPC type, single mode optical fiber cable.
LAN	Connect device with ethernet port by RJ-45 cat5 cable.
RST	Press down reset button and keep 1-5 seconds to make the device restart and recover from the factory default settings.
DC12V	Connect with power adapter.

Product Specifications

Hardware Specification

PON interface	GPON Class B+
	Wavelength: Tx1310nm, Rx 1490nm
	SC/UPC connector
	Receiving saturation: ≥-8dBm
	Receiving sensitivity: ≤-28dBm
	Transmitting optical power: 0~+4dBm
	Transmission distance: 20KM
LAN interface	1 x 10/100/1000Mbps auto adaptive Ethernet interfaces.10/100/1000M Full/Half, RJ45 connector
LED	Status of REG、SYS、LINK/ACT
Operating condition	Temperature: -30°C ~ +70°C
	Humidity: 10% ~ 90% (non-condensing)
Storing condition	Temperature : -30°C ~ +70°C
	Humidity :10% ~ 90% (non-condensing)
Power supply	DC 12V/0.5A
Power consumption	≤4W
Dimension	82mm×82mm×25mm (L×W×H)
Net weight	85g

Software Key Feature

Basic	Support MPCP discover & register
	Support authentication Mac/Loid/Mac + Loid
	Support Triple Churning
	Support DBA bandwidth
	Support auto-detecting, auto-configuration, and auto firmware upgrade
	Support authentication SN/Psw/Loid/Loid+Psw
Software mode	Bridging mode and Routing mode.
Abnormal protection	Detecting Rogue ONU

Alarm	Support Eth Port Los
LAN	Support Port rate limiting
	Support Loop detection
	Support Flow control
VLAN	Support Storm control
	Support VLAN tag mode
	Support VLAN transparent mode
	Support VLAN trunk mode (max 8 vlan)
Multicast	Support VLAN 1:1 translation mode (max 8 vlan)
	Auto VLAN detection
	Support IGMPv1/v2
	Support IGMP Snooping
QoS	Max Multicast vlan 8
	Max Multicast Group 64
	Support 4 queues
Management	Support SP and WRR
	Support 802.1P
	Support CTC OAM 2.0 and 2.1
	Support ITUT984.x OMCI
	Support WEB/TELNET/CLI
	Support TR069

Close
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Order Information

Product model

Product specification

PU2300-1G

GPON SFU, 1*GPON Port and 1*GE Port

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