Maipu PU3200-1GN GPON HGU

Maipu PU3200-1GN GPON HGU is designed for fulfilling FTTH and triple play service demand of fixed network operators. These HGU adopt mature GPON technology, providing Wi-Fi, Layer 2/3 forwarding and rich management features as well. And they are fully compliant with technical regulations such as IEEE802.3ah, ITU-T G.984.x, etc.
PU3200-1GN provides 1*GPON Port,1*GE Port and 802.11b/g/n Wi-Fi.

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

Product Features

Panel lights & Interface Description

LED	Mark	Status	Description
Power	POWER	On	The device is powered up.
		Off	The device is powered down.
Optical signal loss	LOS	Blink	Device does not receive optical signals.
		Off	Device has received optical signal.
Registration	REG	On	The device is registered to the PON system.
		Off	Device is not registered to the PON system.
		Blink	Device registration is incorrect.
Interface	LINK/ACT	On	Port is connected properly (LINK).
		Off	Port connection exception or not connected.
		Blink	Port is sending or/and receiving data (ACT).
Wi-Fi	Wi-Fi	On	Wi-Fi running
		Off	Wi-Fi not working

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 keep1-5seconds to make the device restart and recover from the factory default settings.
Power ON/OFF	Power on and Power off
DC12V	Connect with power adapter.

Product Specifications

Hardware Specification	
PON interface	GPON Class B+
	Wavelength: Tx1310nm,Rx 1490nm
	SC/UPC connector
	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
Wi-Fi interface	Compliant with IEEE802.11b/g/n
	Operating frequency: 2.400-2.4835GHz
	support MIMO, rate up to 300Mbps
	2T2R,2 external antenna 5dBi
	Support: multiple SSID
	Channel:13
	Modulation type: DSSS、CCK and OFDM
	Encoding scheme: BPSK、QPSK、16QAM and 64QAM
LED	Status of POWER、LOS、PON、LAN、Wi-Fi
Operating condition	Temperature: 0℃～+50℃
	Humidity: 10%～90%（non-condensing）
Storing	Temperature : -30℃～+60℃
condition	Humidity :10%～90%（non-condensing）
Power supply	DC 12V/0.5A
Power consumption	≤6W
Dimension	120mm×78mm×30mm（L×W×H）
Net weight	0.15Kg
Software Key Feature	
Software mode	Routing mode.
Wi-Fi	IEEE802.11b/g/n (TX power:17dBm/16dBm/15dBm)
	Wi-Fi Authentication: WEP/WAP-PSK(TKIP)/WAP2-PSK(AES)

Layer3	IPv4/IPv6, DHCP Client/Server, PPPoE, NAT, DMZ, DDNS.
Multicast	IGMP v1/v2/v3, IGMP snooping.
Security	Flow & Storm control, Loop Detection.
O&M	WEB/TELNET/OAM/OMCI/TR069.

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Order Information

Product model	Product specification
PU3200-1GN	GPON HGU, 1*GPON Port, 1*GE Port and 802.11b/g/n Wi-Fi

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