SY-GPON-4010-WADONT

4GE+ 1POT+ WIFI (AC)

Product Description :

GE + 1 POTS AC WiFi XPON HGU terminal devices are designed for fulfilling FTTH and triple play
service demand of fixed network operators. These boxes are based on the mature technology
whic h have high ratio of performance to price, and the technology of IEEE802.11b/g/n/ac WiFi,
Layer 2/3,. They are highly reliable and easy to maintain, with guaranteed QoS for different
service. And they are fully compliant with technical regulations such as IEEE802.3ah ITU-T
G.984.x and technical requirement of GPON Equipments.

LED Indicators:

PON interface	1 G/EPON port(EPON PX20+ and 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	4×10/100/1000Mbps auto adaptive
	Ethernet interfaces. Full/Half, Rj45
	connector
Wireless	Compliant with IEEE802.11b/g/n/ac
	2.4GHz Operating frequency: 2.400-
	2.483GHz
	5.0GHz Operating frequency: 5.150-
	5.825GHz
	Support MIMO, 2T2R,5dBi external
	antenna, rate up to 1.167Gbps Support:
	multiple SSID
	TX power: 11n--22dBm/11ac--24dBm
POTS interface	1×FXS, RJ11 connector
	Support: G.711/G.723/G.726/G.729 codec
	Support: T.30/T.38/G.711 Fax mode, DTMF
	Relay Line testing according to GR-909
USB interface	USB3.0
LED	12, For Status of PWR, PON,
	LOS, WAN, WiFi, FXS, ETH1~4, WPS, USB.
Operating condition	Temperature: 0℃ ~ +50℃
Storing condition	Humidity: 5%-90% (non-condensing)
Power supply	DC 12V,1/1.5A
Power consumption	≤10W
Dimension	205mm×140mm×37mm(L×W×H)
Net weight	0.34Kg

LED Indicators:

Power	PWR	On	The device is powered up.
		Off	The device is owered down
		on	The device is registered
			to the GPON system
Registration	PON	off	Device is not registered
			to the GPON system.
		Blink	Device is registering
Optical signal	LOS	Blink	Device does not receive
			optical signals.
		Off	Device has received
			optical signals.
WAN	WAN	On	WAN is effective
		Off	WAN is ineffective
		On	Device has registered to
			the soft-switch, but
			without ongoing data
			transmission
POTS	FXS	Off	Device is power off or
			registered to the
			soft-switch.
		Blink	Phone hooks offor the
			port is with ongoing data
			transmission.
Ethernet	ETH1~ETH4	On	Port is connected properly
		Off	Port connection
			exception or not
			connected.
		Blink	Port is sending or/and
			receiving data.
		On	WPS client is connected.
			(LED turn o ffafter 5minutes of
			successful connection)
Pair	WPS	Off	Does not use WPS or
			WPS client is connected.(
			LED turn off after 5
			minutes of successful connection)
		Blink	WPS client is connecting
		On	USB device is connected, but

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Interface Description:

USB	USB	Off	without ongoing data
			transmission.
			Device is power o ffor
			USB device is not connected
			USB is with ongoing data
			transmission.

Interface Description:

Port Type	Function
PON port	Connect PON port with internet by SC/PC
	type, single mode optical fiber cable.
FXS port	Connect the telephone with FXS port by
	telephone wire.
Ethernet port	Connect PC with Ethernet port by RJ -45 Cat5
	cable.
WiFi pair button	Press down WiFi pair button to begin pairing.
	(wireless pair)
WiFi turn on/o ff(WiFi)	Press down WiFi turn on/off button to
	enable/disable WiFi function.
Reset button (Reset)	Press down reset button to make the device
	restart and recover from factory default
	settings.
USB port	External USB port, connect to USB storage
	device.
Power port (DC12 V)	Connect with power adapter.
Power turn on/o ff	Power turn on/off

Soft are Specificacation:

Name	Function
EPON/GPON mode	Connect PON port with internet by SC/PC
	type, single mode optical fiber cable.
Software mode	Connect the telephone with FXS port by
	telephone wire.
Firewall	Connect PC with Ethernet port by RJ -45 Cat5
	cable.

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Interface Description:

Layer2	Connect PC with Ethernet port by RJ -45 Cat5
	cable.
Layer3	IPv4/IPv6, DHCP Client/Server , PPPoE, NAT ,
	DMZ ,DDNS.
Multicast	IGMP v1/v2/v3 , IGMP snooping.
Security	Flow & Storm control, Loop Detection.
POTS	VoIP protocol: SIP,IMS-SIP Voice
	enhancement:
	Local exchange
	Dynamic voice jitter buffering
	Silence detection
	Echo cancel
	Loss compensation
O&M	WEB/TELNET/OAM/OMCI/TR069