



# SPO-GS2210-1A/1D

## 2 PON Port GPON OLT



Dedicated Chip



WIFI management



High Speed CPU

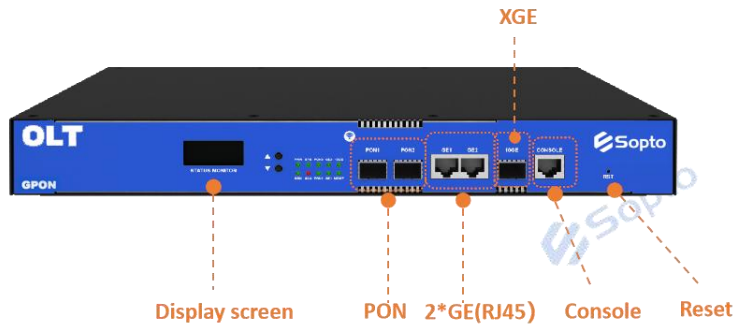
### Overview

GPON OLT SPO-GS2210-1A completely meet relative standard of ITU G.984.x and FSAN, the device with 2 uplink Ethernet ports and 1 10Gigabit uplink port and 2 GPON port.Each GPON port supports the splitting ratio of 1:128, The GPON system supports up to 256 terminal connections.

### Features

GPON Function	Multicast Function
<ul style="list-style-type: none"> <li>➢ ITU-T G.984/G.988 standard</li> <li>➢ Support OMCI protocol</li> <li>➢ T-CONT DBA</li> <li>➢ GEMPORT traffic</li> <li>➢ ONU auto discover</li> <li>➢ Ranging function</li> <li>➢ Downstream data encrypted</li> </ul>	<ul style="list-style-type: none"> <li>➢ IGMP snooping</li> <li>➢ IGMP V1/V2/V3</li> <li>➢ Multicast VLAN translation</li> </ul>
Layer 2 Switching Function	Management Function
<ul style="list-style-type: none"> <li>➢ Access/Trunk/Hybrid L2 access mode</li> <li>➢ Support 64K MAC address</li> <li>➢ Support 4094 VLANs</li> <li>➢ VLAN filter function,VLAN transform</li> <li>➢ L2 port mirror</li> <li>➢ MAC address learning/aging</li> </ul>	<ul style="list-style-type: none"> <li>➢ CLI/WEB/Telnet/SSH/MQTT</li> <li>➢ Performance Management</li> <li>➢ Alarm Management</li> <li>➢ Security Management</li> <li>➢ Wifi access, direct mobile phone wifi login management</li> </ul>
Other	Maintenance Function
<ul style="list-style-type: none"> <li>➢ Display screen can show the IP address, the number of ONU terminals, etc</li> <li>➢ Optional support for BBU</li> </ul>	<ul style="list-style-type: none"> <li>➢ Device log</li> <li>➢ Device upgrade</li> <li>➢ Fault diagnose function</li> <li>➢ Condition monitoring function</li> </ul>

## Product interface



## Specification

Hardware		Parameter		
PON Port	Quantity	2		
	Physical interface	SFP slot		
	Interface type	GPON: ITU-TG.984.2 Class B+/Class C+		
	Max splitting ratio	GPON: 1:128		
Uplink Port	2 10/100/1000M auto-negotiation Ethernet ports 1*10 Gigabit uplink port			
Optional Port	XGPON port/10Gigabit uplink port			
Management Port	1 CONSOLE local management port			
PON Port attribute	Transmission distance	20KM		
	Port rate	GPON: Downstream: 2.5Gbps Upstream: 1.25Gbps		
	Wavelength	Forwarding: 1490nm Receiving: 1310nm		
	Interface type	SC/UPC		
	Fiber type	9/125 $\mu$ m SMF (Single Mode Fiber)		
	Light transmission power	Class B+: +1.5 ~ +5dBm	Class C+: +3 ~ +7dBm	
	Receiving sensitivity	Class B+: -28dBm	Class C+: -30dBm	
	Saturation power	Class B+: -8dBm	Class C+: -12dBm	
Backplane Bandwidth	31.5G			
Power Supply				
AC	100V ~ 240V, 47~63Hz			
DC	External adapter mode 12V/2A			

Environment	
Working temperature	-15 ~ 50℃
Storage temperature	-40 ~ 85℃
Ambient humidity	5 ~ 90% (Non-condensing)
Mechanics	
Dimensions	360(L)*193(W)*44(H)mm
Weight	1.7kg

## Network Construction

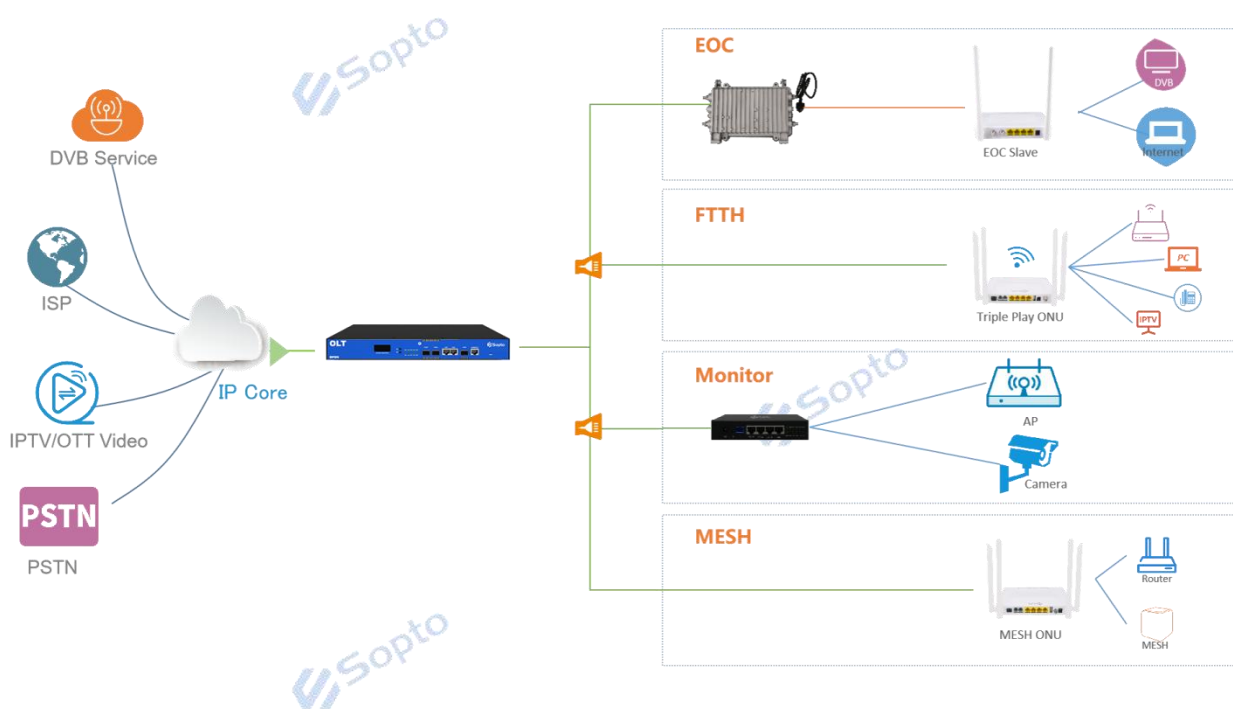


Figure: Application Diagram

## Ordering information

Product Name	Product Model	Descriptions
OLT	SPO-GS2210-1A	Standalone 2 PON Port GPON OLT, with 2 uplink Ethernet ports and 1*10 Gigabit uplink port) AC 100V ~ 240V
OLT	SPO-GS2210-1D	Standalone 2 PON Port GPON OLT, with 2 uplink Ethernet ports and 1 *10 Gigabit uplink port) External adapter mode 12V/2A

Note: If you need more customized services, please contact us.

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