



POEPLUS Enterprise

BUILT GREEN NETWORKS

Company Profile



Dongguan Phynam Comtech (DPC) is founded in 2014, located in the manufacturing capital of Dongguan Guangdong China.

Our team has many years of experience in the field of communication. Especially in Ethernet and wireless networking product. Our main products include power over Ethernet switch, PoE Switch, fiber Switch, POE injector, extender, splitter

DPC adhering to “create bring convenience to the life”, with innovative and reliable product quality to win customer trust.

We have rich product types and are willing to provide customers with customized products and services.

Brochure of Products

1. Fast POE Switch
2. Giga POE Switch
3. Managed (POE)network Switch
 - 3.1 Smart lite (PoE) Switch
 - 3.2 L2 Full managed network Switch
 - 3.3 L3 managed network Switch
4. Fiber switch
5. POE injector/splitter/ extender/adapters
6. Industrial Switch
7. Solar energy POE Switch
8. 2.5G network Switch



Fast POE Switch



Overview

10/100Mbps unmanaged POE switch, which provides 4/8/16/24/48 POE ports and variety of uplink port. Typically, The Switch family have at least 1 BT port and the other ports follows the 802.3af/at standard maximum power output of 30w. The AI PSE Chip automatically detect and supply power to the PD devices that complies with the 802.3af/at standard. Otherwise, there is no power supply output. In addition, the switch supports auto-negotiating traffic control functions and is compatible with terminal devices of 10Mbps, 100Mbps.



Features

At Least one 802.3bt port (detail in specs)

POE watchdog which can reboot PD device automatically when PD dead.

Comply with IEEE 802.3, 802.3i, 802.3u, 802.3x, 802.3q, 802.3af/at/bt specifications.

Plug and Play for easy use.

Adopt Store-and-Forward transmission mode.

Auto MDI-X function, self-adjusting straight-through line, cross-line connection.

6KV surge protection

Port isolation and POE extend one key setting

Port status LEDs

Fast POE Switch



Model	S604EP-2F	S1108EP-2F	S1108EP-2G	S2616EP-2G1S	S5824EP-2G	S5824EP-2TC	S5848EP-2TC
10/100M PoE Ports	1*BT+3*AF/AT	1*BT+7*AF/AT	1*BT+7*AF/AT	2*BT+14*AF/AT	2*BT+14*AF/AT	2*BT+22*AF/AT	48*802.3af/at
10/100M TX uplink	2	2	0	0	0	0	0
10/100M/1000M TX uplink	0	0	2	2	2	2	2
1000M SFP uplink	0	0		1 (combo)	0	2 (combo)	2 (combo)
DIP Switch	N:(Standard normal)	N	N	N	N	N	/
	V:(Port isolation)	V	V	/	V	V	/
	S:(extend mode)	S	S	S	S	S	/
POE watchdog	Automatically reboot the PD device When the PD device crashes						
Network Protocol	IEEE 802.3						
	IEEE 802.3i 10BASE-T						
	IEEE 802.3u 100BASE-TX						
	IEEE 802.3x						
	IEEE 802.3af/at/PoE++						
	802.3bt max 90w POE output						
PoE Standard	IEEE802.3af/at/bt						
Port Specification	10/100BaseT (X) Auto		10/100/1000BaseT (X) Auto				
Transmission Mode	Store and Forward(full wirespeed)						
Bandwidth	1.6Gbps	2Gbps	16Gbps	20Gbps	16Gbps	20Gbps	17.6Gbps
Packet Forwarding	1.15Mpps	1.44Mpps	4.03Mpps	6.62Mpps	9.21Mpps	9.21Mpps	40.32Mpps
MAC Address	1K	1K	2K	2K	8K	8K	8K
Buffer	768K	768K	2.5M	2.5M	4.1M	4.1M	4.1M
Surge protection	3kv						
Power Pin	Default 1/2(+), 3/6(-); Optional order 4/5(+), 7/8(-)						
Power input	AC100-240V 50/60Hz						
Total power/Input voltage	65W	120W			300w	400w	600w

Fast POE Switch Order Guide



S604EP-2F: 4*10/100M POE+2*10/100M uplink, 65w Power supply internal
S604EP-2F-EX: 4*10/100M POE+2*10/100M uplink, 65w power adapter external



S1108EP-2F: 8*10/100M POE+2*10/100M uplink, 120w Power supply internal
S1108EP-2F-EX: 8*10/100M POE+2*10/100M uplink, 120w power adapter external



S1108EP-2G: 8*10/100M POE+2*10/100/1000M uplink, 120w Power supply internal
S1108EP-2G-EX: 8*10/100M POE+2*10/100/1000M uplink, 120w power adapter external

Fast POE Switch Order Guide



S2616EP-2G1S: 16*10/100M POE+2*10/100/1000M TX+1*1000M SFP (combo) ,
300w internal Power supply



S5824EP-2G: 24*10/100M POE+2*10/100/1000M TX,
300w internal Power supply



S5824EP-2TC: 24*10/100M POE+2*10/100/1000M TX+2*1000M SFP (combo) ,
400w internal Power supply



S5848EP-2TC: 48*10/100M POE+2*10/100/1000M TX+2*1000M SFP (combo) ,
600w internal Power supply

Giga POE Switch



Overview

10/100/1000Mbps unmanaged POE switch, which provides 4/8/16/24 POE ports and variety of uplink port. Typically, The Switch family have at least 1 BT port and the other ports follows the 802.3af/at standard maximum power output of 30w. The AI PSE Chip automatically detect and supply power to the PD devices that complies with the 802.3af/at standard. Otherwise, there is no power supply output. In addition, the switch supports auto-negotiating traffic control functions and is compatible with terminal devices of 10Mbps, 100Mbps, 1000Mbps.



Features

At Least one 802.3bt port (detail in specs)

POE watchdog which can reboot PD device automatically when PD dead.

Comply with IEEE 802.3, 802.3i, 802.3u, 802.3x, 802.3q, IEEE 802.3ab1000BASE-T ; IEEE 802.3z 1000BASE-X , 802.3af/at/bt specifications.

Plug and Play for easy use.

Adopt Store-and-Forward transmission mode.

Auto MDI-X function, self-adjusting straight-through line, cross-line connection.

6KV surge protection

Port isolation and POE extend one key setting

Port status LEDs

Giga POE Switch



Model	S604GP-2G	S604GP-1TS	S604GP-2S	S1108GP-2G	S1108GP-1TS	S1208GP-2S	S5816GP-2S	S5824GP-2S	S5824GP-4TC
10/100/1000M PoE Ports	1*BT+3*AF/AT	1*BT+3*AF/AT	1*BT+3*AF/AT	1*BT+7*AF/AT	1*BT+7*AF/AT	1*BT+7*AF/AT	2*BT+14*AF/AT	2*BT+22AF/AT	2*BT+22AF/AT
10/100/1000M TX uplink	2	1	0	2	1	0	0	0	4
1000M SFP uplink	0	1	2	0	1	2	2	2	4(combo)
DIP Switch	N:(Standard normal)	N	N	N	N	N	/	N	
	V:(Port isolation)	V	V	V	V	V	V	V	/
	S:(extend mode)	S	S	S	S	/	/	/	/
POE watchdog	Automatically reboot the PD device When the PD device crashes								
Network Protocol	IEEE 802.3								
	IEEE 802.3i 10BASE-T								
	IEEE 802.3u 100BASE-TX ; IEEE 802.3ab1000BASE-T ; IEEE 802.3z 1000BASE-X								
	IEEE 802.3x								
	IEEE 802.3af/at/PoE++								
	802.3bt max 90w POE output								
PoE Standard	IEEE802.3af/at/bt								
Port Specification	10/100/1000BaseT (X) Auto								
Transmission Mode	Store and Forward(full wirespeed)								
Bandwidth	10Gbps	16Gbps	16Gbps	20Gbps	20Gbps	20Gbps	56Gbps	56Gbps	56Gbps
Packet Forwarding	7.2Mpps	8.64Mpps	8.64Mpps	14.44Mpps	14.44Mpps	14.44Mpps	40.32Mpps	40.32Mpps	40.32Mpps
MAC Address	2.4K	2K	2K	2K	2K	2K	8K	8K	8K
Buffer	2.5M	2.5M	2.5M	2.5M	2.5M	2.5M	4.1M	4.1M	4.1M
Surge protection	3KV								
Power Pin	Default 1/2(+), 3/6(-); Optional order 4/5(+), 7/8(-)								
Power input	AC100-240V 50/60Hz								
Total power/Input voltage	65W			120w		150w	300w	400w	

Giga POE Switch Order Guide



S604GP-2G: 4*10/100/1000M POE+2*10/100/1000M TX, 65w internal Power supply
S604GP-2G-EX: 4*10/100/1000M POE+2*10/100/1000M TX, 65w power adapter external



S604GP-1TS: 4*10/100/1000M POE+1*10/100/1000M TX+1*1000M SFP, 65w internal Power supply
S604GP-1TS-EX: 4*10/100/1000M POE+1*10/100/1000M TX+1*1000M SFP, 65w power adapter external



S604GP-2S: 4*10/100/1000M POE+2*1000M SFP, 65w internal Power supply



S1108GP-2G: 8*10/100/1000M POE+2*10/100/1000M TX, 120w internal Power supply
S1108GP-2G-EX: 8*10/100/1000M POE+2*10/100/1000M TX, 120w power adapter external



S1108GP-1TS: 8*10/100/1000M POE+1*10/100/1000M TX+1*1000M SFP, 120w internal Power supply
S1108GP-1TS-EX: 8*10/100/1000M POE+1*10/100/1000M TX+1*1000M SFP, 120w power adapter external

Giga POE Switch Order Guide



S1208GP-2S: 8*10/100/1000M POE+2*1000M SFP, 150w internal Power supply



S5816GP-2S: 16*10/100/1000M POE+2*1000M SFP, 300w internal Power supply



S5824GP-2S: 24*10/100/1000M POE+2*1000M SFP, 400w internal Power supply



S5824GP-4TC: 24*10/100/1000M POE+*4*10/100/1000M TX+4*1000M SFP combo, 400w internal Power supply

Smart lite network Switch



Overview

Smart lite switches provide simple, economical networking solutions for small networks. It can provide limited, but essential, administrative functionality such as flow control, rate control, IGMP, port mirror, VLAN, QoS and POE management.

Features

Full 10/100/1000Mbps user port, 1G or 10G fiber uplink.

DIP Switch for smart web management/dumb unmanaged select.

POE watchdog which can reboot PD device automatically when PD dead (POE model) .

Comply with IEEE 802.3, 802.3i, 802.3u, 802.3x, 802.3q, IEEE 802.3ab1000BASE-T ;
IEEE 802.3z 1000BASE-X , 802.3af/at/bt specifications.

Easy to configure and manage, suitable for small networks

Adopt Store-and-Forward transmission mode.

Auto MDI-X function, self-adjusting straight-through line, cross-line connection.

3KV surge protection

Port status LEDs



Smart lite network Switch



Model	S1208G-2SL	S1208GP-2SL	S2816G-2SL	S2816GP-2SL	S2824G-2SL	S2824GP-2S	S2824G-4SE	S2824GP-4SEL
10/100/1000M Ports	8	8	16	16	24	24	24	24
PoE	/	1*BT+7*AT	/	2*BT+14*AT	/	2*BT+22*AT	/	2*BT+22*AT
1000M SFP uplink	2	2	2	2	2	2	/	/
1000M/10G SFP uplink	0	1	0	0	0	0	4	4
DIP Switch	DUMB(unmanaged) WEB (Web managed)							
POE watchdog	Automatically reboot the PD device When the PD device crashes							
Network Protocol	IEEE 802.3							
	IEEE 802.3i 10BASE-T							
	IEEE 802.3u 100BASE-TX ; IEEE 802.3ab1000BASE-T ; IEEE 802.3z 1000BASE-X							
	IEEE 802.3x							
	IEEE 802.3af/at/PoE++							
PoE Standard	IEEE802.3af/at/bt							
Port Specification	10/100/1000BaseT (X) Auto							
Transmission Mode	Store and Forward(full wirespeed)							
Bandwidth	56Gbps	56Gbps	56Gbps	56Gbps	56Gbps	56Gbps	56Gbps	56Gbps
Packet Forwarding	40.32Mpps	40.32Mpps	40.32Mpps	40.32Mpps	40.32Mpps	40.32Mpps	40.32Mpps	40.32Mpps
MAC Address	8K	8K	8K	8K	8K	8K	8K	8K
Buffer	4.1M	4.1M	4.1M	4.1M	4.1M	4.1M	4.1M	4.1M
Surge protection	3Kv							
Power Pin	Default 1/2(+), 3/6(-); Optional order 4/5(+), 7/8(-)							
Power input	AC100-240V 50/60Hz							
Total power/Input voltage	15w	150w	30w	300w	30w	400w	30w	400w

Smart lite network Switch



Full gigabit Smart lite network Switch Software function list

POE management	Poe port switch
	Poe protocol type configuration
	Poe port restart
	Poe log function configuration
	Poe port status, current, power and voltage display
port configuration	Support port on / off
	Support port flow control
	Support port rate control
	Support port name customization
Layer 2 switching	Support port address dynamic learning
	Support port aggregation
	IGMP V1 / V2 support
Port Mirror	Support traffic statistics
	Support local entrance / exit monitoring
	Support loopback detection and loop blocking
VLAN	Support 802.11Q VLAN、MTU VLAN、port VLAN
Service quality （QoS）	Supports 4 port queues
	Support port priority, 802.1p priority and DSCP priority
	Support port bandwidth control, port isolation, storm suppression, loop
	Support mega frame configuration
	Support, MAC limit
system management	Support management through web pages
System tools	Support software upgrade
	Support configuration backup and recovery
	Support system restart and software reset

Smart lite network Switch



10G uplink Smart lite network Switch Software function list

Poe management	Poe port switch
	Poe protocol type configuration
	Poe port restart
	Poe log function configuration
	Poe port status, current, power and voltage display
system state	Support system information display
	Support port exception protection display
	Support port bandwidth usage display
	Support link aggregation display
	Support static / dynamic MAC address table display
	Support Chinese / English language switching
network configuration	Support management IP address configuration
	Support system time configuration

Smart lite network Switch

Port	Support port status, rate and flow control configuration
	Support port mirroring
	Support port exception protection (BPDU / self ring, broadcast flooding, ACL, DHCP message speed limit, etc.)
	Support link 8 group aggregation
	Support IEEE configuration
	Support mega frame configuration
VLAN	Support port isolation configuration
	Support 4094 VLAN addresses
MAC	Support 802.11Q VLAN, MTU VLAN, terminal VLAN
	Support static MAC address table
	Support dynamic MAC address table
Survival tree protocol	Support MAC address transition table
	Support STP/RSTP/MSTP tree protocol
IGMP	Support IPv4 multicast forwarding
	Support IPv4 static routing
	Support IPv4 port restrictions
	IGMP snooping V1 / V2 / V3 supported
Security	Support management VLAN
	Support management and maintenance mode selection
QoS	Supports 8 port queues
	Support port priority, cos priority, 802.1p priority and DSCP priority
	Support port speed limit and exit queue speed limit
Equipment diagnosis	Support log function configuration
	Support remote log server configuration
	Support ping function
	Support traceroute test
	Support electrical port test
Equipment management	Support optical module information diagnosis
	Support user configuration
	Support web / TFTP / HTTP firmware upgrade
	Support profile import and export

Smart lite PoE Switch order guide



S1208G-2SL: 8*100/1000M TX+2*100/1000M SFP, non POE



S2816G-2SL: 16*100/1000M TX+2*100/1000M SFP, non POE



S2824G-2SL: 24*100/1000M TX+2*100/1000M SFP, non POE

Smart lite PoE Switch order guide



S1208GP-2SL: 8*100/1000M TX POE+2*100/1000M SFP, 150w



S2816GP-2SL: 16*100/1000M TX POE+2*100/1000M SFP, 300w



S2824GP-2SL: 24*100/1000M TX POE+2*100/1000M SFP, 400W

10G Smart lite Switch order guide



S2824G-4SEL: 24*100/1000M TX +4*1000/10000M SFP, non POE



S2824GP-4SEL: 24*100/1000M TX POE+4*1000/10000M SFP, 400W

L2 Full managed network Switch



Overview

Management (POE) switch are fully Gigabit L2 network switch designed and developed solely for the purpose of building high-performance gigabit network requirements. 8/16/24/48 full Gigabit RJ45 ports and 2 separate Gigabit SFP (Mini GBIC) , Provide a comprehensive security protection system、 Perfect QoS strategy and rich VLAN function , Management and maintenance are simple and can be applied to small and medium enterprises、 Core layer of community and school.

Feature



- 8/16/24/48*10/100/1000M* RJ45, 2*SFP/4*SFP (mini GBIC)
- Comprehensive security protection system to ensure long-term stable operation of the network
- Rich QoS strategy and ACL access control function, multi service, efficient integration operation
- Port convergence and spanning tree protocol improve the ability of link redundancy backup
- Provide secure, flexible ways of providing Web, network management, CLI command line, SNMP, etc.
- provide network diagnosis, cable inspection, system logs and other functions, simple maintenance

L2 Full managed network Switch



Model	TS0800G-2S	TS1600G-2S	TS2400G-2S	TS2400G-4T4S	TS4800G-4S
Port	8*10/100/1000M	16 *10/100/1000M	24*10/100/1000M	24*10/100/1000M	48*10/100/1000M
	2GE SFP	2GE SFP	2GE SFP	4GE TX/SFP COMBO	4GE SFP
Console	1*Console RJ45				
Reset KEY	1				
bandwidth	20Gbps	56Gbps	56Gbps	56Gbps	128Gbps
Packet forwarding	14.44Mpps	40.32Mpps	40.32Mpps	40.32Mpps	74.88Mbps
POE port	8	16	24	24	48
POE standards	IEEE802.3af/at max 30W/port				Port1~4: IEEE802.3af/at/poe++/bt Port5~48: IEEE802.3af/at
CPU	500MHZ				MIPS-34K CUP to 700M
RAM	128M				
MAC	8K				16k
buffer	4.1M				12M packet buffer
FLASH	16M				
transmission	Store and forward				
working temperature	0°C~55°C				
Storage temperature	-40°C~80°C				
Operating humidity	10%~90% Non coagulation				
Storage humidity	5%~95% Non coagulation				
Product size	210*140*45mm	440*200*45mm	440*200*45mm	440*200*45mm	440*390*45mm
Packing size	260*205*67mm	497*313*97mm	497*313*97mm	497*313*97mm	515*475*95mm
Weight	1.0kg	4.4kg	4.5kg	4.6kg	5.4kg
Power in	AC 100~240V 50~60Hz				
System consumption	5W (without load)	10 (without load)	12W (without load)	12W (without load)	25W (without load)
Power	≤120W	≤350W	≤350W	≤350W	≤550W

Orde Guide



TS0800G-2S: 8*10/100/1000M TX GE POE+2*100/1000M SFP, 150w
SW0800G-2S: 8*10/100/1000M TX GE +2*100/1000M SFP, non POE



TS1600G-2S: 16*10/100/1000M TX GE POE+2*100/1000M SFP, 300w
SW1600G-2S: 16*10/100/1000M TX GE +2*100/1000M SFP, non POE



TS2400G-2S: 24*10/100/1000M TX GE POE+2*100/1000M SFP, 400w
SW2400G-2S: 24*10/100/1000M TX GE +2*100/1000M SFP, non POE

Orde Guide



TS0800G-4TC: 8*10/100/1000M TX GE POE+4*GE/SFP combo, 150w
SW0800G-4TC: 8*10/100/1000M TX GE +4*GE/SFP combo, non POE



TS2400G-4T4S: 24*10/100/1000M TX GE POE+4GE/SFP combo, 400w
SW2400G-4T4S: 24*10/100/1000M TX GE +4GE/SFP combo, non POE



TS4800G-4S: 48*10/100/1000M TX POE+4*100/1000M SFP ports, 600w
SW4800G-4S: 48*10/100/1000M TX +4*100/1000M SFP ports, non POE

L3 network Switch



Overview



The S5710 series switch is a layer 3 Ethernet switch, which meet the needs of cost-effective Gigabit access and 10 Gigabit uplink for enterprise networks and operator customers. S5710 uses a high-performance low-power network processor, provides Gigabit line-speed forwarding performance, supports green Ethernet line sleep capability, has the lowest power consumption of the same-level equipment in the industry, supports powerful QoS and ACL functions, and supports IP+MAC+ Security features such as port binding support service flow classification and packet priority marking. Support static data packet sampling, SFLOW function, support multi-port mirroring analysis function, support static and flexible QinQ function, support Ethernet OAM 802.3ag (CFM), 802.3ah (EFM), support strategy-based IPV4/6 unicast routing, support Flexible forwarding strategy

L3 network Switch



Feature

10 Gigabit Aggregation

Carrier-level high availability

Layer3 routing and enhanced multi-service

Uninterrupted PoE power supply

Hardware based ACL control

Enhanced security and authentication technologies

Full QoS policy and Q-in-Q for campus or carrier network

L3 network Switch



Model	S5710-28TX	S5710-28TXP	S5710-54TX
Port	24*10/100/1000M Base-T RJ45, 4*1000M Base-X SFP/10GE SFP+,	24*10/100/1000M Base-T PoE port, 4*1000M Base-X SFP/10GE SFP+,	48*10/100/1000M Base-T RJ45 6*1000M Base-X SFP/10GE SFP+,
Chipset	RTL9301	RTL9301	RTL9311
Switching capacity	128Gbps	128Gbps	216Gbps
forwarding rate	95Mbps	95Mbps	160Mbps
MAC	16K	16K	32K
Multicast	1K	1K	4K
ARP table	2K	2K	8K
Route table	512	512	12K
PoE budget	N/A	400W(af/at)	N/A
Memory	Memory: 512MB, storage: 32MB		
Power supply	AC: 100~240V 47/63Hz;		
Power consumption	≤22W	≤450W	≤30W
Dimensions (WxDxH)	440X210X44mm	440X270X44mm	440x290x44mm
Temperature	Working Temperature: -10°C~55°C Storge temperature: -40°C~70°C		
Humidity	Operating humidity: 10%~95% (non-condensing) Storage humidity: 10%~95% (non-condensing)		

L3 Switch Order Guide



S5710-28TX	24*10/100/1000M RJ45 port, 4* 10G SFP+ port, single AC Power supply
S5710-28TXP	24*10/100/1000M RJ45 PoE port, 4* 10G SFP+ port, single AC Power supply. PoE budget: 400W(af/at)
S5710-54TX	48*10/100/1000M RJ45 PoE port, 6*10G SFP+ port, single AC Power supply

Fiber Switch L2 Full managed

Overview

Management fiber switch are fully Gigabit L2 network switch designed and developed solely for the purpose of building high-performance gigabit network requirements. 9//10/18/24 full Gigabit SFP ports and 2-16 separate Gigabit SRJ45 ports for TP connection , Provide a comprehensive security protection system, Perfect QoS strategy and rich VLAN function , Management and maintenance are simple and can be applied to small and medium enterprises、 Core layer of community and school.



Feature

- Comprehensive security protection system to ensure long-term stable operation of the network
- Rich QoS strategy and ACL access control function, multi service, efficient integration operation
- Port convergence and spanning tree protocol improve the ability of link redundancy backup
- Provide secure, flexible ways of providing Web, network management, CLI command line, SNMP, etc.
- provide network diagnosis, cable inspection, system logs and other functions, simple maintenance



L2 Full managed Fiber Switch

Model	S3024S-2G	SW0800G-18S	SW1600G-10S	SW0800G-10S	SW0200G-9S
Port	2*10/100/1000M	8*10/100/1000M	16*10/100/1000M	8*10/100/1000M	2*10/100/1000M
	24*100/1000M SFP	18*100/1000M SFP	10*100/1000M SFP	10*100/1000M SFP	9*100/1000M SFP
Management port	1*Console				
Reset	1*reset				
bandwidth	56Gbps/128G	56Gbps/128G	56Gbps/128G	56Gbps/128G	56Gbps/128G
Packet forwarding	40.32Mpps	40.32Mpps	40.32Mpps	40.32Mpps	40.32Mpps
CPU	500MHZ				
RAM	128M				
MAC	8K				
FLASH	16M				
transmission	Store and forward				
working temperature	0°C~50°C				
Storage temperature	-40°C~70°C				
Operating humidity	10%~90% Non coagulation				
Storage humidity	5%~95% Non coagulation				
Product size	440*210*45mm	440*200*45mm	440*200*45mm	440*200*45mm	225*105*35mm
Packing size	515*300*95mm		515*300*95mm	515*300*95mm	305*208*55mm
Weight	2.4/3.1		2.3/3	2.2/2.9	0.7/1
Power in	AC 100~240V 50~60Hz				
Power	≤35W		≤35W	≤20W	≤15W

Fiber Switch L2 Full managed



SW0200G-9S: 2GE TX+9*100/1000M SFP L2 managed switch



SW0800G-10S: 8GE TX+10*100/1000M SFP L2 managed switch



SW1600G-10S: 16GE TX+10*100/1000M SFP L2 managed switch

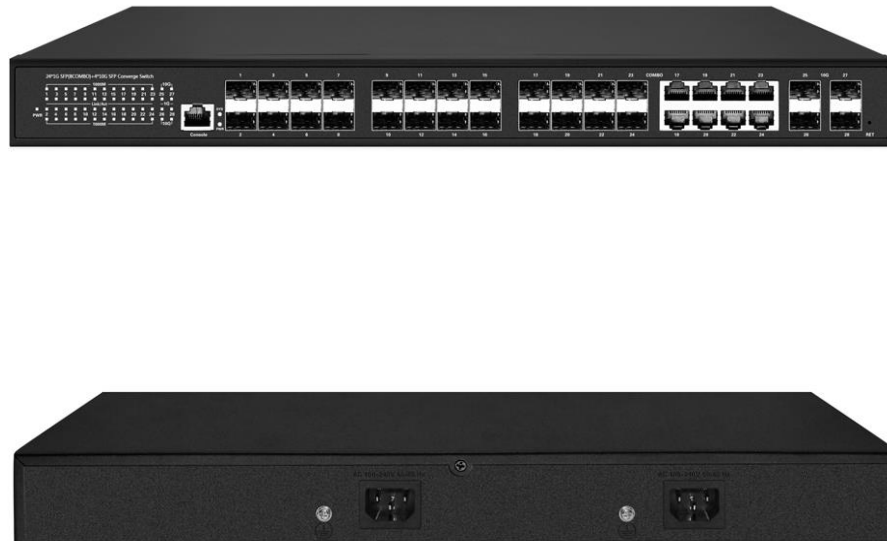


SW0800G-18S: 8GE TX+18*100/1000M SFP L2 managed switch



S302G-24S: 2GE TX+24*100/1000M SFP L2 managed switch

Core Fiber Switch L3 managed



Fixed Port	16*1000/1000M SFP 8*10/100/1000Base-TX RJ45 / 100/1000M SFP COMBO 4*100M/1000M/10000M SFP+
Reset Key	1
Network Protocol	IEEE 802.3 IEEE 802.3u 100BASE-TX IEEE 802.3ab1000BASE-T IEEE 802.3x IEEE 802.3z 1000BASE-X IEEE 802.3ad IEEE 802.3q 、 IEEE 802.3q/p IEEE 802.1w、 IEEE 802.1d 、 IEEE 802.1S STP(Spanning Tree Protocol) RSTP/MSTP(Rapid Spanning Tree Protocol)
Transmission Mode	Store and Forward (full wirespeed)
CPU	MIPS-34K UP to 800MHZ
Jumbo frame	Jumbo frame up to 12KB
Bandwidth	512Gbps
Packet Forwarding	92.32Mpps
MAC Address	16K
Buffer	12Mbit SRAM Packet Buffer

S5832G-4SE-RL: 24*100/1000M SFP+8*100/1000M TX combo+4*1G/10G SFP plus L3 Switch,dual AC

Smart Fiber Switch



S2108SE : 8*10G SFP plus unmanaged fiber Switch

S3108SE: 8*10G SFP plus smart web managed fiber Switch



S0200G-8S: 8 ports 1000M SFP+2*10/100/1000Mbps unmanaged



S0800G-8S: 8 ports 1000M SFP+8*10/100/1000Mbps unmanaged



S0800G-16S: 16 ports 1000M SFP+8*10/100/1000Mbps unmanaged

POE injector



Overview

As the applications of Power over Ethernet have expanded to home users from the IT industry. This Single-Port PoE Injector meets the requirements of both the IT industry and home users for high wattage output and easy installation. Carrying both Ethernet data and power simultaneously, It helps users to utilize just one Ethernet cable to easily install and deploy IP camera, wireless AP or VoIP phone networking in environments where power outlet is hard to find.



PoE function

- Remote power feeding up to 100m
- Supports PoE Power up to max 90W for PoE port
- IEEE 802.3at/bt Power over Ethernet Plus compliant
- Backward compatible with IEEE 802.3af Power over Ethernet
- Auto-detection of PoE IEEE 802.3at/af
- Circuit protection prevents power interference between ports
- Circuit Shorting Protection Supported

POE injector order guide



PSE-4805-10G	10Gbps passive POE injector, 48-46V max 30w
PSE-5230AT-10G	10Gbps active POE injector, 44-56V max 48w
PSE-5265AT-10G	10Gbps active POE injector, 44-56V max 90w
PSE-5565G	1000Mbps passive POE injector, 55V max 65w
PSE-5590G	1000Mbps passive POE injector, 55V max 90w
PSE-5230AT	1000Mbps active POE injector, 44-56V max 48w
PSE-5265AT	1000Mbps active POE injector, 44-56V max 90w

POE injector



Overview

DUAL DC INPUT



The EC550 series are 1G/2.5Gbps boost ethernet power supply injector developed specifically for high-power PoE application scenarios; This series of products comes with 2*10/100/1000/2500Mbps adaptive RJ45 ports, making it flexible and convenient to use; Adopting wall or DIN installation methods, combined with high reliability components and hardware structure design, the product is more suitable for industrial scenarios with harsh operating environments and high reliability requirements.

Features

- IP40 rated 2.5Gbe max 90w POE Injector
- 802.bt standard
- Power antenna up to 100m (328 ft.) away
- Extreme -40 to 80 °C operating temperature range
- DIN-rail mount and wall mount accessories optional
- Dual power input, support 12-48Vdc input
- Overcurrent protection

POE injector



SINGLE DC INPUT



Features

- IP40 rated 2.5Gbe max 90w POE Injector
- 802.bt standard
- Power antenna up to 100m (328 ft.) away
- Extreme -40 to 80 °C operating temperature range
- DIN-rail mount and wall mount accessories optional
- 48Vdc input
- Overcurrent protection

POE injector



DC INPUT PASSIVE POE INJECTOR



EC950

Features

- 50V POE output 1245+; 3678-
- IP40 rated 1G/2.5Gbe max 90w POE Injector
- Power antenna up to 100m (328 ft.) away
- Extreme -40 to 80 °C operating temperature range
- Support DC inputs
- DIN-rail mount and wall mount accessories optional (DIN in default)
- 48-57Vdc input
- Overcurrent protection

POE injector



Overview

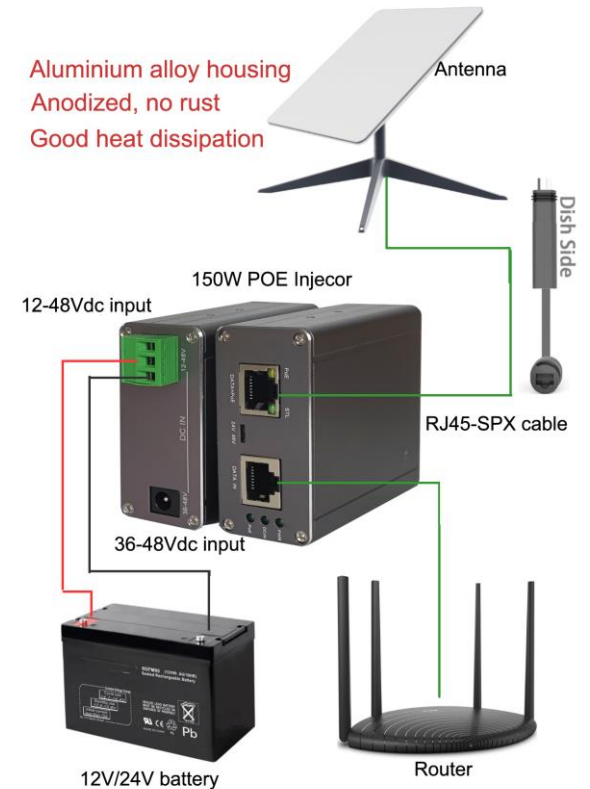
POE with XT60 connector whistle can get power from battery directly, POE output max 150w (passive) or 90w (802.3bt) ;

Specs customization support

Starlink POE injector



Dual DC input POE injector max 150w



POE injector



Mode A&B Output

- 20Vdc-36Vdc input max 30W/60w output
- Shielded RJ45 connectors to ground plane
- IP40 rated Gigabit max 30w POE Injector
- Passive POE 45+,78- and 13+,36- alternative
- Deliver power up to 100m (328 ft.) away
- Extreme -30 to 75 °C operating temperature range
- Wall mounted or desktop installation
- Overcurrent protection

Passive Max 60W POE injector
20Vdc-36Vdc input



Mode B
45+, 78-

Mode A
12+, 36-

POE injector order guide



Giga POE injector

PSE-4805G	1000Mbps passive POE injector, 48V 0.5A max 25w
PSE-2405G	1000Mbps passive POE injector, 24V 0.5A max 15w
PSE-2410G	1000Mbps passive POE injector, 24V 0.5A max 15w
PSE-2403G	1000Mbps passive POE injector, 24V 0.3A max 10w

Fast POE injector

PSE-4805	100Mbps passive POE injector, 48V 0.5A max 25w
PSE-2405	100Mbps passive POE injector, 24V 0.5A max 15w
PSE-2410	100Mbps passive POE injector, 24V 0.5A max 15w
PSE-2403	100Mbps passive POE injector, 24V 0.3A max 10w

POE injector order guide



DC POE injector 12V-30V input or 31V-56V input

PSE-5230D-24V	1000Mbps passive POE injector, 24V 1A output
PSE-5230D-24V	1000Mbps passive POE injector, 48V 0.5A output
PSE-5230D-AT	1000Mbps active POE injector, 802.3af/at, max 30w

PSE-5265D-AT	1000Mbps active POE injector, 802.3af/at/BT, max 65w
PSE-5230D-24V-10G	10000Mbps passive POE injector, 24V 1A output
PSE-5230D-24V-10G	10000Mbps passive POE injector, 48V 0.5A output
PSE-5230D-AT-10G	10000Mbps active POE injector, 802.3af/at, max 30w

POE injector order guide



DC industrial POE injector 48V-57V

PSE30W-GS	1000Mbps industrial POE injector, 802.3ad/at max 30w
PSE90W-GS	1000Mbps industrial POE injector, 802.3af/at/bt max 90w
PSE30W-GS-10G	10Gbps industrial POE injector, 802.3af/at max 30w
PSE90W-GS-10G	10Gbps industrial POE injector, 802.3af/at/bt max 90w

DC industrial POE injector 12V-57V input booster inside

PSE00W-GS	1000Mbps industrial POE injector, 802.3ad/at max 30w
PSE90W-GS	1000Mbps industrial POE injector, 802.3af/at/bt max 90w
PSE30W-GS-10G	10Gbps industrial POE injector, 802.3af/at max 30w
PSE90W-GS-10G	10Gbps industrial POE injector, 802.3af/at/bt max 90w

POE injector order guide

Metal case POE injector 1G/2.5G/10G



PSE65WI	1000Mbps POE injector, 802.3ad/at/bt max 65w
PSE90WI	1000Mbps POE injector, 802.3af/at/bt max 90w

PSE65WI-2.5G	2.5Gbps POE injector, 802.3ad/at/bt max 65w
PSE90WI-2.5G	2.5Gbps POE injector, 802.3af/at/bt max 90w



PSE65WI-10G	10Gbps POE injector, 802.3ad/at/bt max 65w
PSE90WI-10G	10Gbps POE injector, 802.3af/at/bt max 90w

POE injector order guide



Outdoor POE injector

PSE65-TO-LT	1000Mbps outdoor POE injector, AC(100-240V)/DC (52—57V) dual input, 802.3af/at/bt max 65w, 2.5G/10G optional
PSE90-TO-LT	1000Mbps outdoor POE injector, AC(100-240V)/DC (52—57V) dual input, 802.3af/at/bt max 90w, 2.5G/10G optional

POE Splitter



Overview

The POE splitter provides a solution for devices that do not support POE power supply, POE splitter separates power supply and data transmission, output from 5V to 24V DC max 90w power.

POEPLUS provide rich model POE splitter, provides efficient and economical POE terminal solutions for customers .

POE splitter order guide



industrial wall mounted POE splitter

PD1225W-GL	1000Mbps industrial POE splitter, 12V 2.5A 30w output IEEE802.3AF/AT/BT compliant
PD1250W-GL	1000Mbps industrial POE splitter, 12V 5.0A 60w output IEEE802.3AF/AT/BT compliant
PD1275W-GL	1000Mbps industrial POE splitter, 12V 7.5A 90w output IEEE802.3AF/AT/BT compliant

POE splitter order guide



PD1275W- IDS

Model Number	PD1275W- IDS
Product name	Industrial POE DIN 90w Splitter isolated
Ports	1*PoE in +1*Data OUT+1*DC OUT （terminal block）
Rate	10/100/1000Mbps
PoE protocol	IEEE802.3AF/AT/BT compliant
PoE OUT Pin	12+36-/45+78-
PoE Power output	90W
DIP Switch	12/16/24/48V DC output selectable
Output parameter	12V 7.5A； 16V 5.6A； 24V 3.75A； 48V 1.9A
Transmission medium	10Base-T: UTP CAT 3,4,5(Max 150m) 100BASE-TX: UTP CAT 5, 5e cable (Max 150m) 1000BASE-TX: UTP CAT 5e, 6 cable (Max 150m)
LED indicator	PoE in: Orange/POE input； Green/Network connection Data OUT: Orange/100M； Green/1000M
Lightning protection	3KV/1.5KV （isolation）
Class of protection	IP40
Working temperature	-40℃~85℃
Size	105mm*90mm*30mm （products）
Weight	0.3kg

POE splitter



Multi-output POE splitter



PD72

Product Model		EC550-B(BT8)	EC550-A(BT8)
Hardware			
Interface Type	1*10/100/1000Mbps RJ45 Data IN	1*10/100/1000/2500Mbps RJ45 Data IN	
	1*10/100/1000Mbps RJ45 PoE OUT	1*10/100/1000/2500Mbps RJ45 PoE OUT	
	1*DC IN(3P) terminal block	1*DC IN(3P) terminal block	
	1*DC2.0 power input	1*DC2.0 power input	
DIP Switch	1*power output select dip Switch		
DC IN	DC2.0: 36-48V/5A(MAX)		
	5.08mm_3P terminal block: 12-48V/10A(MAX)		
PoE Standard	IEEE802.3bt		
	Class8		
PoE Power	MAX: 90W(IEEE802.3bt)		
PoE PIN	PIN: 1278+,3456-		
PoE Output	IEEE802.3bt: 54Vdc		

POE splitter



Multi-output POE splitter



PD72

DC OUT

1*DC2.0 power output interface (Max:12V/5A)
1*DC Out(2P) power terminal (Max:24V/3A)
1*USB2.0 output (Max:5V/3A)
1*Type-C Fast charging interface (Max:20V/3.25A)

Quick Charge Output

Apple USB PD、BC1.2、PD2.0/PD3.1(PPS)、QC2.0/3.0、SCP、FCP、AFC、PE+1.1/2.0
(Due to the limitations of the mobile phone manufacturer's private agreement, the maximum charging power may be limited to 18w)

POE splitter



PD25

MINI POE splitter

Interface Type	1*10/100/1000/2500Mbps RJ45 PoE IN 1*10/100/1000/2500Mbps RJ45 Data OUT 1*DC2.0 power output interface (Max:12V/2.1A)
PoE/PD Standard	IEEE802.3af/at Class 4(MAX:25W)
PoE IN	PIN: 1236+,4578-
DC OUT	1*DC2.0 power output interface (Max:12V/2.1A)

POE splitter order guide



SP5912: 5V/9V/12V output selectable



POE splitter with DC connector



POE splitter with USB female connector

POE adapter order guide



POE to type C network card



POE to 12V 2A power adapter

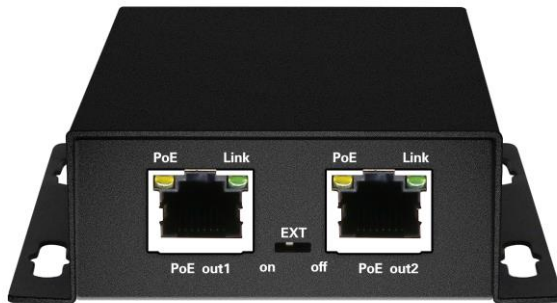


POE to microUSB power adapter

POE Extender



Overview



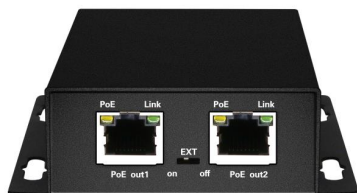
For the constantly extended network, the lack of POE transmission distance will be a problem for the project. Usually, POE is transmitted over a distance of 100 meters only. With the POE extender, the transmission distance of the POE can reach 800 meters.

POEPLUS PoE extender family is rich in types, which will actually help users solve all kinds of transmission distance limited problems

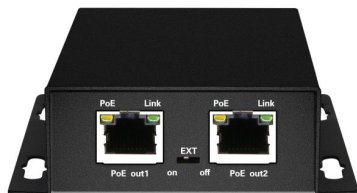
POE Extender order guide



EXT101PRO: 802.3AF/AT POE extender, 1*POE input+1*POE output, max 250m transmission, 10/100Mbps



EXT102PRO: 802.3AF/AT POE extender, 1*POE input+2*POE output, max 250m transmission, 10/100Mbps



EXT102GAT: 802.3AF/AT poe extender, 1*POE input+2*POE output, 10/100/1000Mbps

POE Extender order guide



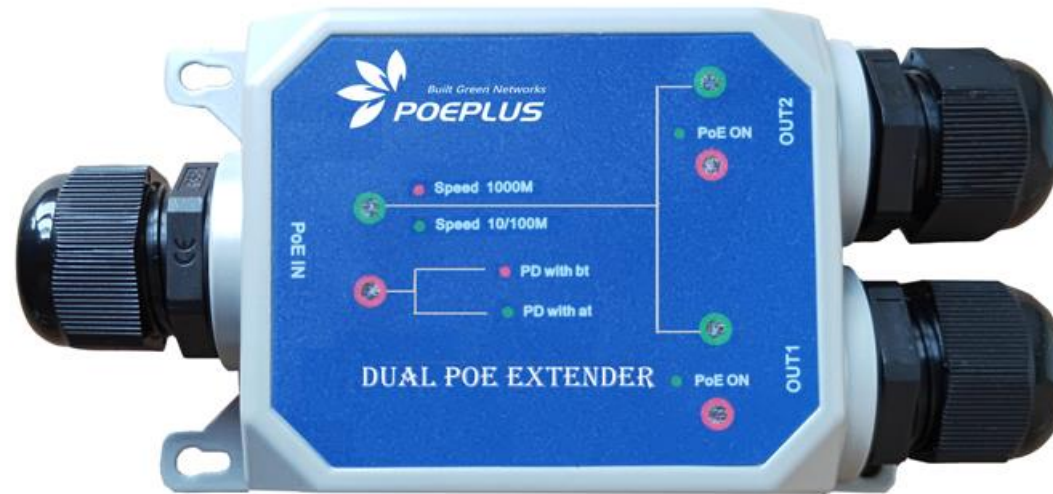
EXT101PE: 802.3AF/AT POE extender, 1*POE input+1*POE output, max 150+500m transmission at 100Mbps

EXT101PG: 802.3AF/AT POE extender, 1*POE input+1*POE output, max 150+150m transmission, 10/100/1000Mbps



EXT504GAT: 802.3AF/AT poe extender, 1*POE input+4*POE output, 10/100/1000Mbps

POE Extender order guide



EXT101PG-OT: 802.3AF/AT/BT POE extender, 1*90w POE input+2*POE output, 10/100/1000Mbps, outdoor

Outdoor POE products



POE injector



POE splitter



POE extender

Outdoor POE products



PoE extender

Model	EXT105GP-OT
Product name	Gigabit IP67 outdoor waterproof extender
material	Aluminum die-casting body Nylon waterproof joint
Waterproof grade	IP67
Cable diameter	Support network cables with diameter of 4-8mm
Fixed Port	1*10/100/1000Base-TX in 4*10/100/1000Base-TX out
PoE in	Supports IEEE802.3af/at/bt, max 120W PoE in Supports Passive DC37-57V in MAX 120W
PoE in Pin	12+ 45+ ; 36- 78-
PoE OUT	OUT1 Supports IEEE802.3af/at/bt, max 90W PoE out OUT2-4 Supports IEEE802.3af/at, max 30W PoE out
PoE OUT Pin	Bt:12+ 45+ 36- 78- af/at: 12+ 36-

Industrial Switch



Feature

- 1: industrial switch monitoring platform RING network one key setting
- 2: 2 group independent power inputs with undervoltage and overvoltage protection
- 3: 1 group wide pressure alarm input, input range DC5-57V
- 4: 1 group alarm output relay output, can define various custom conditions trigger
- 5: 1 group environment temperature and humidity detection, real-time
- 6: Real-time system key voltage monitoring and alarm output function
- 7: Real-time system temperature, ambient temperature, environment humidity alarm output function
- 8: Real-time input voltage, current, power detection and display
- 9: A variety of custom port control, intelligent management





Model	G06M4G1TS	G06PM4G1TS	G06M4G2S	G06PM4G2S	G10M8G2S	G10PM8G2S	G12M8G4S	G12PM8G4S
10/100/1000M Ports	5	5	4	4	8	8	8	8
PoE	1*PD	2*auto+2*bt+1*PD	/	2*auto+2*bt	/	2*auto+2*bt+4*at	/	2*auto+2*bt+4*at
100/1000M SFP uplink	1	1	2	2	2	2	4	4
Console	1							
Reset	1							
AL input	AL+/AL- for alarm output							
TMS	Temperature and humidity detector interface							
POE watchdog	Automatically reboot the PD device When the PD device crashes							
Network Protocol	IEEE 802.3							
	IEEE 802.3i 10BASE-T							
	IEEE 802.3u 100BASE-TX ; IEEE 802.3ab1000BASE-T ; IEEE 802.3z 1000BASE-X							
	IEEE 802.3x							
	IEEE 802.3af/at/PoE++							
PoE Standard	802.3bt max 90w POE output							
Port Specification	IEEE802.3af/at/bt							
Transmission Mode	10/100/1000BaseT (X) Auto							
Bandwidth	Store and Forward(full wirespeed)							
Packet Forwarding	56Gbps	56Gbps	56Gbps	56Gbps	56Gbps	56Gbps	56Gbps	56Gbps
MAC Address	40.32Mpps	40.32Mpps	40.32Mpps	40.32Mpps	40.32Mpps	40.32Mpps	40.32Mpps	40.32Mpps
Buffer	8K	8K	8K	8K	8K	8K	8K	8K
Surge protection	4.1M	4.1M	4.1M	4.1M	4.1M	4.1M	4.1M	4.1M
Power Pin	6Kv							
Power input	Default 1/2(+), 3/6(-); 4/5(+), 7/8(-)							
Total power/Input voltage	12-57Vdc/POE input	44-57Vdc/POE input	12-57Vdc	44-57Vdc	12-57Vdc	44-57Vdc	12-57Vdc	44-57Vdc
	need external power supply, non power supply provide in default							

Industrial Switch Oder guide



G06M4G1TS: 4*10/100/1000M TX+1*100/1000M
SFP+1*10/100/1000M PD port (POE input) , L2 full managed

G06PM4G1TS: 4*10/100/1000M TX POE+1*100/1000M
SFP+1*10/100/1000M PD port (POE input) , L2 full managed



G06M4G2S: 4*10/100/1000M TX+2*100/1000M SFP, L2 full managed

G06PM4G2S: 4*10/100/1000M TX POE+2*100/1000M SFP, L2 full
managed

Industrial Switch Oder guide



G10M8G2S: 8*10/100/1000M TX+2*100/1000M SFP, L2 full managed

G10PM8G2S: 8*10/100/1000M POE+2*100/1000M SFP, L2 full managed



G12M8G4S: 8*10/100/1000M TX+4*100/1000M SFP, L2 full managed

G12PM4G4S: 8*10/100/1000M TX POE+4*100/1000M SFP, L2 full managed

Industrial Switch Oder guide



G18M8G10S: 8*10/100/1000M TX+10*100/1000M SFP, L2 full managed

G18PM8G10S: 8*10/100/1000M TX POE+10*100/1000M SFP, L2 full managed



S12M8G4SE: 8*10/100/1000M TX +4*100/1000M/10G SFP+, L3 full managed

S12PM8G4SE: 8*10/100/1000M TX POE+4*100/1000M/10G SFP+, L3 full managed

Industrial Switch Oder guide



G101S: 1*10/100/1000M TX+1*1000M SFP media converter

GP101S: 1*10/100/1000M TX POE+1*1000M SFP media converter



G101SGT: 1*100/1000M/2.5G TX+1*2.5G SFP media converter

GP101SGT: 1*100/1000M/2.5G TX POE+1*2.5G SFP media converter

Industrial unmanaged Switch



Solar energy PoE Switch



Overview

Solar energy switch meets the application requirements of surveillance, wireless transmission and data acquisition in the field environment. Solar Switch integrates solar controller, inverter, battery protection function, POE output stability. Abundant indicator light can detect battery power, charging and discharging status, POE output voltage and switch working status.

Solar function:

Solar controller Integrated to manage battery charging and discharging functions.

Integrated inverter function

Indicator help detect battery charge and discharge status.

Stable and reliable

Low power consumption design, no fan mute design, cooling hole on the side,

Industrial components,

Easy operation

Users can easily understand the working status of the device through power indicator (PWR), port status indicator (Link/POEt), battery status indicator (BOT.BIN), system status indicator (CPU), etc.



Solar energy PoE Switch



S600GP-1BTS

PMW Solar controller integrated

Support 12V&24V Lead-acid battery and lithium battery maximum capacity 50AH

Support 12/24V max 400w solar panel



1*10/100/1000Mbps POE++ up to 60w output

2*10/100/1000Mbps 802.3af/at ports up to 30w

2*10/100/1000Mbps 802.3af/at/24V/48V auto adaptive up to 25w

Built Green Networks
POEPLUS



Support 12V&24V Lead-acid battery and lithium battery maximum capacity 500AH

A rugged black PoE switch with a terminal block on the left and a control panel on the right. The terminal block has six terminals labeled S, +, V, -, B, and +. The control panel includes a 'Solar PoE Switch' label, status LEDs for CPU, BOT, SIN, VOT, BIN, and VIN, a red emergency stop button, a TP2 port, and a power status table.

	OFF	ON
1	POWER	ON
2	La	LI
3	12V	24V
4	ON	
	14.8V	29.6V

2*10/100/1000Mbps 802.3af/at ports up to 30w

2*10/100/1000Mbps 802.3af/at/24V/48V auto adaptive up to 25w

Solar energy PoE Switch



TS0800G-2S-SAB



MPPT Solar controller integrated

Support 12V&24V Lead-acid battery and lithium battery maximum capacity 500AH

Support 12/24V max 1200w solar panel



1*10/100/1000Mbps POE++ up to 60w output

7*10/100/1000Mbps 802.3af/at ports up to 30w

Solar controller



MTTP solar controller

Max charging current: 8A

Support 12V&24V Lead-acid battery and lithium battery maximum capacity 100AH

2 group 12V DC output max 36w

Battery temperature monitoring

Solar panel max 400w supported

DIN or wall mounted installation

2.5G network Switch



S2500P-5GT: 5 ports 2.5G POE Switch unmanaged

S2500-5GT: 5 ports 2.5G Switch unmanaged



S2500P-8GT: 8 ports 2.5G POE Switch unmanaged

S2500-8GT: 8 ports 2.5G Switch unmanaged



S2500P-8GT-SE: 8 ports 2.5G POE Switch smart managed

S2500-8GT-SE: 8 ports 2.5G Switch smart managed



S2500MP-8GT: 8 ports 2.5G POE Switch L3 managed

S2500M-8GT: 8 ports 2.5G Switch L3 managed

Product certificate



CERTIFICATE OF CONFORMITY

Certificate No.: KEYS20188000873002EM-02

Applicant : Dongguan Phynam Comtech Co.,Limited
Address : NO.58 Longyan Road Humen Town Dongguan China
Manufacturer : Dongguan Phynam Comtech Co.,Limited
Address : NO.58 Longyan Road Humen Town Dongguan China
Trade Mark :



Product : Ethernet Switch
Model No. : See model list for details

The submitted sample of the above equipment has been tested and found to comply with the following European Directive:

EMC Directive - 2014/30/EU

The standard(s) used for showing compliance with the essential requirements:

Applicable Standard(s) EN 55032:2015
EN 55024:2010+A1:2015
EN 61000-3-2:2014
EN 61000-3-3:2013

This certificate is part of the full test report(s) and should be read in conjunction with it. This certificate is based on an evaluation of one sample of above mentioned product. It does not imply assessment of the production of the product. Without the written approval of Dongguan KEYS Testing Technology Co., Ltd., this certificate is not permitted to be reproduced, except in full. It is not permitted to use the test lab's logo. The CE marking may only be used if all the relevant and effective European Directives are applicable.



Dongguan KEYS Testing Technology Co., Ltd.
6/F, Building B, Chuangyiguo Industrial Park, No.5 Hehe Street, Songqi Road, Hengcheng, Liaobu,
Dongguan City Tel:+86-0769-89705319
http://http://www.keys-lab.com E-mail: info@keys-lab.com

POE Switch CE-EMC

CERTIFICATE OF CONFORMITY

Certificate No.: KEYS20188000873002LD-01

Applicant : Dongguan Phynam Comtech Co.,Limited
Address : NO.58 Longyan Road Humen Town Dongguan China
Manufacturer : Dongguan Phynam Comtech Co.,Limited
Address : NO.58 Longyan Road Humen Town Dongguan China
Trade mark :



Product : Ethernet Switch
Power Rating : 100-240V~, 50/60Hz, 0.5A
Model No. : See model list

Low Voltage Directive - 2014/35/EU

The standard(s) used for showing compliance with the essential requirements:

Applicable Standard(s) EN 60950-1:2006+A11:2009+A1:2010+A12:2011+A2:2013

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Dongguan KEYS Testing Technology Co., Ltd.
6/F, Building B, Chuangyiguo Industrial Park, No.5 Hehe Street, Songqi Road, Hengcheng, Liaobu, Dongguan City
http://http://www.keys-lab.com E-mail: info@keys-lab.com

POE Switch CE-LVD

CERTIFICATE OF CONFORMITY

Certificate No.: KEYS20188000873002FC-02

Applicant : Dongguan Phynam Comtech Co.,Limited
Address : NO.58 Longyan Road Humen Town Dongguan China
Manufacturer : Dongguan Phynam Comtech Co.,Limited
Address : NO.58 Longyan Road Humen Town Dongguan China
Trade mark :



Product : Ethernet Switch
Model No. : See model list for details

The submitted sample of the above equipment has been tested and found to comply with the following requirement of 47 CFR of PART 15.

The standard(s) used for showing compliance with the essential requirements:

Applicable Standard(s) FCC Part 15, Subpart B:2017
ANSI C63.4:2014

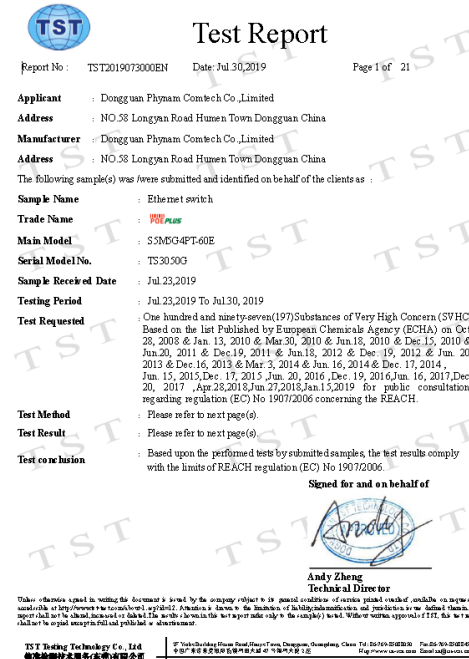
This verification is part of the full test report(s) and should be read in conjunction with it. This verification is based on an evaluation of one sample of above mentioned product. It does not imply assessment of the production of the product. Without the written approval of Dongguan KEYS Testing Technology Co., Ltd., this verification is not permitted to be reproduced, except in full. It is not permitted to use the test lab's logo.



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POE Switch FCC

Built Green Networks
POEPLUS



Product certificate



Report No.: KEYS20188004290001IE-01

TEST REPORT IEC 60950-1 Information technology equipment - Safety - Part 1: General requirements	
Report reference No.	KEYS20188004290001IE-01
Compiled by	Roy Li
Approved by	Jason Zhan
Total pages	44 pages
Date of issue	Apr. 02, 2019
Testing Laboratory Name	Dongguan Legon Testing Technology Co., Ltd.
Address	6/F, Building B, Chuangyiguo Industrial Park, No.5 Hehe Street, Songji Road, Hengliang, Liaobu, Dongguan City
Applicant's Name	Dongguan Phynam Comtech Co., Limited
Address	409 Rm. No.58 Longyan Road Humen Town Dongguan Guangdong China
Test specification	
Standard	IEC 60950-1: 2005+A1: 2009+A2: 2013
Test procedure	IEC test report
Non-standard test method	N/A
Test item description	POE injector
Trade mark	POEPLUS
Manufacturer	Dongguan Phynam Comtech Co., Limited
Address	409 Rm. No.58 Longyan Road Humen Town Dongguan Guangdong China
Model and/or type reference	PSE4805-G, PSE4805-24-G, PSE4805-B-24, PSE4805-B, PSE4805-A, PSE4805O-A, PSE526SAT, PSE5230-FB, PSE850J, PSE900J
Rating(s)	100-240V~, 50/60Hz, 45W

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POE injector IEC report



TEST REPORT IEC 62368-1 Audio/video, information and communication technology equipment Part 1: Safety requirements	
Report Number	KEYS22071310001IE-01
Tested by (name + signature)	Sunny Li
Approved by (name + signature)	Jason Zhan
Date of issue	July 18, 2022
Total number of pages	56 pages
Testing Laboratory	Dongguan KEYS Testing Technology Co., Ltd.
Address	6/F, Building B, Chuangyiguo Industrial Park, No.5, Hehe Street, Songji Road, Hengliang, Liaobu, Dongguan, Guangdong, China
Applicant's name	Dongguan Phynam Comtech Co., Limited
Address	RM306 Zhujiang Building 141 Changdi Road Humen Town Dongguan Guangdong China
General disclaimer	The test results presented in this report relate only to the object tested. This report shall not be reproduced, except in full, without the written approval of the Issuing KEYS Testing Laboratory.
Test specifications	
Standards	IEC 62368-1 : 2020(A11: 2020)
Test procedure	IEC
Non-standard test method	N/A
Test item description	POE injector
Trade Mark	N/A
Manufacturer	Dongguan Phynam Comtech Co., Limited
Address	RM306 Zhujiang Building 141 Changdi Road Humen Town Dongguan Guangdong China
Model/Type reference	AC-POE-48V-65W-100, AC-POE-48V-30WP-100, AC-POE-48V-30W-100, AC-POE-48V-65WP-100, AC-POE-48V-90WP-100, AC-POE-48V-90W-100
Rating(s)	Input:100-240VAC, 50/60Hz, 0.8A Output: 56VDC, 1.15A

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TRF No.IEC 62368-1 A

POE injector IEC report

CERTIFICATE OF CONFORMITY

Certificate No.: KEYS21080304001RH-03

Applicant : Dongguan Phynam Comtech Co., Limited
Address : RM306 Zhujiang Building 141 Changdi Road Humen Town Dongguan China
Manufacturer : Dongguan Phynam Comtech Co., Limited
Address : RM306 Zhujiang Building 141 Changdi Road Humen Town Dongguan China
Trade mark : POEPLUS
Product : Wireless access point
Model No. : MX4200, MX1200, MX3200, MX4500, MX6900, JAP1200, JAP300

RoHS 2.0 Directive (EU) 2015/863 amending Annex II to Directive 2011/65/EU.
The standard(s) used for showing compliance with the essential requirements:

Applicable Standard(s) : IEC 62321-4:2013 +AMD1:2017
IEC 62321-5:2013
IEC 62321-6:2015
IEC 62321-7:2017
IEC 62321:2008

The EUT described above has been consolidated by us and found in compliance with the council RoHS 2.0 Directive (EU) 2015/863 and (EU)2017/2102 amending Annex II to Directive 2011/65/EU.

The certificate applies to the tested sample above mentioned only and shall not imply an assessment of the whole production. It is only valid in connection with the test report number: KEYS21080304001RH-03

RoHS



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Wireless AP ROHS

Product certificate



POE injector CE-EMC



POE injector CE-VD



POE injector ROHS

Product certificate



CERTIFICATE OF CONFORMITY

Certificate No.: KEYS22091303001EM-02

Applicant : Dongguan Phynam Comtech Co., Limited
Address : RM306 Zhujiang Building 141 Changdi Road Humen Town Dongguan China
Manufacturer : Dongguan Phynam Comtech Co., Limited
Address : RM306 Zhujiang Building 141 Changdi Road Humen Town Dongguan China
Trade Mark : POE PLUS
Product : POE splitter
Model No. : SP1202F, SP1202G, SP1201F, SP1201G, SP2401F, SP2401G, SP5912C, SP5912H, SP5912C, SP5912T, SP5912C, SP1201C, SP0524A, SP0530C, SP5725C, SP0525NIC, TS0524F-UC, TS0530F-UC, TS0530G-UC, TS0524FU, TS0524MU, TS0524G-MU, TS0524G-TC, TS0525TC, TS0524LT, TS0524MINI, TS0525NIC, TS5912G

The submitted sample of the above equipment has been tested and found to comply with the following European Directive:

EMC Directive - 2014/30/EU

The standard(s) used for showing compliance with the essential requirements:

Applicable Standard(s) EN 55032:2015+A1:2020 + A11:2020
EN 55035:2017+AMD1:2020
EN IEC 61000-3-2:2019/A1:2021
EN 61000-3-3:2013+A1:2019+A2:2021

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Manager
Date: September 19, 2022

Guangdong KEYS Testing Technology Co., Ltd.
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CERTIFICATE OF CONFORMITY

Certificate No.: KEYS22091303001RH-03

Applicant : Dongguan Phynam Comtech Co., Limited
Address : RM306 Zhujiang Building 141 Changdi Road Humen Town Dongguan, China
Manufacturer : Dongguan Phynam Comtech Co., Limited
Address : RM306 Zhujiang Building 141 Changdi Road Humen Town Dongguan, China
Trade Name : POE PLUS
Product : POE splitter
Main model : SP1202F, SP1202G, SP1201F, SP1201G, SP2401F, SP2401G, SP5912G, SP5712W, SP5912C, SP5712T, SP5712C, SP1201C, SP0524A, SP0530C, SP5725C, SP0525NIC, TS0524F-UC, TS0530F-UC, TS0530G-UC, TS0524FU, TS0524MU, TS0524G-MU, TS0524G-TC, TS0525TC, TS0524LT, TS0524MINI, TS0525NIC, TS5912G,

RoHS 2.0 Directive (EU) 2015/863 and (EU) 2017/2102 amending Annex II to Directive 2011/65/EU

The standard(s) used for showing compliance with the essential requirements:

Applicable Standard(s) IEC 62321-3-1:2013
IEC 62321-4:2013 + AMD1:2017
IEC 62321-5:2013
IEC 62321-6:2015
IEC 62321-7-4:2015
IEC 62321-7-2:2017
IEC 62321-8:2017

The EUT described above has been consolidated by us and found in compliance with the council RoHS 2.0 Directive (EU) 2015/863 and (EU) 2017/2102 amending Annex II to Directive 2011/65/EU.

The certificate applies to the tested sample above mentioned only and shall not imply an assessment of the whole production. It is only valid in connection with the test report number. KEYS22091303001RH-03

RoHS



Tony Qian/Approved Signatory
Date: September 19, 2022

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CERTIFICATE OF CONFORMITY

Certificate No.: KEYS21101110001EM-02

Applicant : Dongguan Phynam Comtech Co., Limited
Address : RM306 ZHUJIANG BUILDING 141 CHANGDI ROAD HUMEN DONGGUA N CHINA
Manufacturer : Dongguan Phynam Comtech Co., Limited
Address : RM306 ZHUJIANG BUILDING 141 CHANGDI ROAD HUMEN DONGGUA N CHINA
Trade Mark : POEplus
Product : POE splitter
Model No. : PD1250W-GL, PD1225W-GL, PD1275W-GL, PD1250W-OT, PD1250W-OT, PD1275W-OT

The submitted sample of the above equipment has been tested and found to comply with the following European Directive:

EMC Directive - 2014/30/EU

The standard(s) used for showing compliance with the essential requirements:

Applicable Standard(s) EN 55032:2015+AMD1:2020
EN 55035:2017+AMD1:2020
EN IEC 61000-3-2:2019/A1:2021
EN 61000-3-3:2013/A1:2019

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Manager
Date: October 19, 2021

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POE splitter less than 30w CE-EMC

POE splitter ROHS

POE Splitter 30/60/90w CE-EMC

Product certificate



KEYS
KEEP EMPOWERING
YOURSELF SUCCESSFULLY

Report No.: KEYS20081306001SA-01

TEST REPORT

Reference No.: KEYS20081306001SA-01

Applicant: Dongguan Phynam Comtech Co., Limited
Address: Rm.306 Zhujiang Building 141 Changdi Rd., Humen town Dongguan City China

Manufacturer: Dongguan Phynam Comtech Co., Limited
Address: Rm.306 Zhujiang Building 141 Changdi Rd., Humen town Dongguan City China

Product: Ethernet switch

Model(s): S2800-16G, S2800-24G, S800-8G, S2800-16G-2S, S2800-24G-2S, S2800-24G-2TS, S5800W-24G-2S, S5800W-24G-4TS, S5800W-16G-2S

Brand Name: POEPLUS

Standards: IEC 62368-1:2014 (Second Edition)
Audio/video, information and communication technology equipment-
Part 1: Safety requirements

Date of Test: Aug.19,2020 to Aug.24,2020

Date of Issue: Aug.25,2020

Test Result: The submitted samples comply with the above standards

Remarks:
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Prepared By:
Dongguan KEYS Testing Technology Co., Ltd.

6 / f, Building B, Chuangyigu Industrial Park, No.5 Hehe Street, Songdi Road, Hengkeng, Liaobu, Dongguan City

Compiled by: Jason Zhan /Project Engineer

Approved by: Gemy Jia /Quality Manager

Page 1 of 87

Network Switch IEC test report

Test Report issued under the responsibility of:

IEC IECCE

TEST REPORT
IEC 60950-1
Information technology equipment – Safety –
Part 1: General requirements

Report Number: 13001-20191109A24048

Date of issue: 2020-04-10

Total number of pages: 68 pages

Name of Testing Laboratory preparing the Report: CQCIT - CQC Intime Testing Technology Co., Ltd.

Applicant's name: Hanwha Techwin Co., Ltd.

Address: 6, Pangyo-ro 319 Beon-gil, Bundang-gu, Seongnam-Si, Gyeonggi-do, 13488, Korea

Test specification:
Standard: IEC 60950-1:2005, AMD1:2009, AMD2:2013

Test procedure: CB Scheme

Non-standard test method: N/A

Test Report Form No.: IEC60950_1G

Test Report Form(s) Originator: SGS Fimko Ltd

Master TRF: Dated 2019-07-02

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Network Switch IEC test report



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