

DATASHEET

Full Gigabit PoE Switch ON-S1048GP-2F

1 Introduction

"48GE PoE+2SFP" The full Gigabit Ethernet PoE Switch has simple and convenient installation and maintenance means and rich business characteristics to help users create a safe and reliable high-performance network. This product can be widely used in data exchange fields such as home network, security monitoring and wireless networking.

Characteristic

International Poe general standard IEEE802.3af/at PoE + + / HiPoE / BT, supporting full port standard detection function

Support power supply for POE devices such as wireless access point (AP) and network monitoring camera through Cat 5 / Cat 6 Ethernet cable

Flow control mode: full duplex adopts IEEE 802.3x standard, half duplex adopts back pressure standard

Support port auto flip Auto MDI/MDIX)

- ◆ Support port lightning protection (Level II lightning protection requirements)
- ◆ Store and forward switching mechanism is adopted
- ◆ All ports support line speed switching and support large frame transmission
- ◆ Zero configuration feature, automatically supplied to adaptive equipment
- ◆ Panel indicator light monitors working status and helps fault analysis

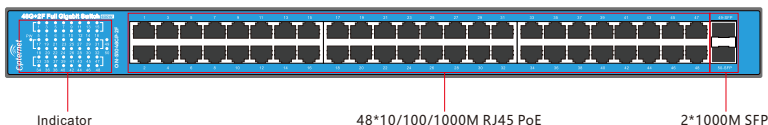
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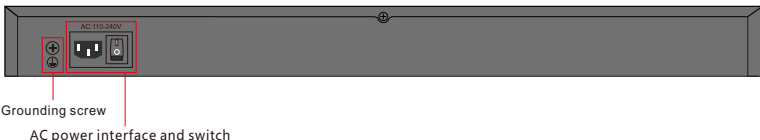
2 Product Display

48GE PoE+2SFP, 48*10/100/1000M PoE+2*1000M SFP

Front



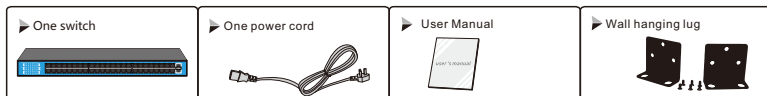
Back



Indicator definition

Indicator		Sate	Description
Power indicator:PW		on	Power on
		off	Power off
Network indicator:1~48	orange	on	The corresponding port works at 10 / 100 / 1000M
		off	No data transmission on the corresponding port
	green	on	The corresponding port works at 10 / 100M
		off	No data transmission on the corresponding port
SFP indicator:49~50		on	SFP on

Product supporting list

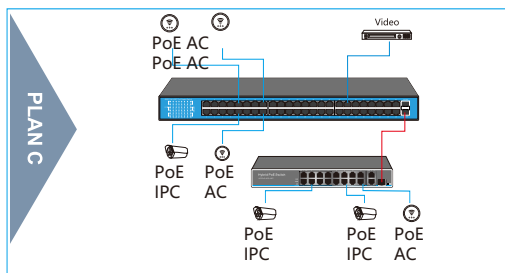
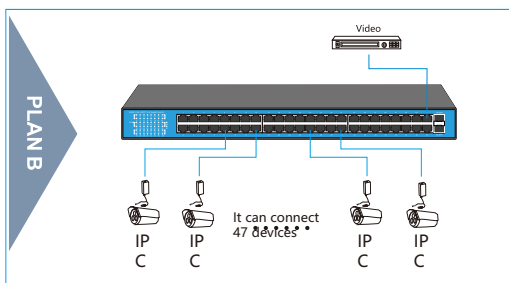
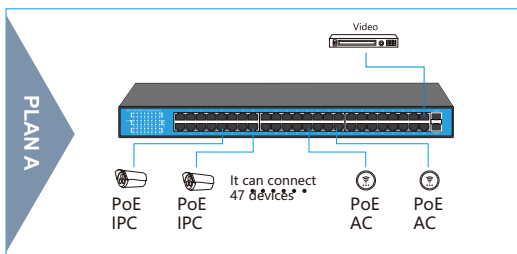


⚠ PS:SFP models do not include optical modules by default. If you find any shortage or damage of accessories, please contact us in time

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3 Product Application



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4 Technical parameter

Model	ON-S1048GP-2F
Product name	Full Gigabit 2SFP+48GE POE Switch
Fixed Port	48*10/100/1000Base-TX PoE port (Data/Power) 2*1000M SFP
PoE Ports	1-4 port supports IEEE802.3af/at/poe++/bt, max 90W PoE out 5-48 port supports IEEE802.3af/at, max 30W/port, PoE out
PoE Pin	af/at: 12+ 36- af/at/poe++/bt: 12+ 45+ 36- 78-
PoE Bridge	Max 600W
Bandwidth	128Gbps
Packet Forwarding	74.40Mpps
MAC	8K
Buffer	4.1M
Transmission Distance	10BASE-T : Cat3,4,5 UTP(≤250 meter) 100BASE-TX : Cat5 or later UTP(150 meter) 1000BASE-TX : Cat6 or later UTP(150 meter) SFP: 1000M single and multimode optical module with maximum distance ≤ 120km (depending on the optical module))
LED Indicator	PW:Power LED 1-48:PoE work indicator 49-50:SFP connection indicator Port:(Orange=PoE LED, Green=LAN Link LED)
Power	Built-in power AC: 100-240Vac 50-60Hz 7.6A max 628W
Operating Temperature/ Humidity	-10 ~ +55°C; 5% ~ 90% RH Non coagulation
Storage Temperature/ Humidity	-40 ~ +75°C; 5% ~ 95% RH Non coagulation
Product /Packing size (L*W*H)	440mm*290mm*45mm 515mm*375mm*95mm
N.W/G.W (kg)	4.4kg/5.2kg

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Lightning Protection level	Rack-mount (optional machine hanger spare parts)
Installation	6KV 8/20us; Ip30
Certificate	3C; CE mark, commercial; CE/LVD EN60950; FCC Part 15 Class B; RoHS;
Warranty	Whole device for 1 year(Accessories not included)

Attentions

To avoid equipment damage and personal injury caused by improper use, please follow the precautions as below:

!Keep the status of power-off during installation, and wear anti-static wrist to ensure good contact between anti-static wrist and skin to avoid the hidden danger.

!The switch can only work normally under the correct power supply. Please confirm that the power supply voltage is consistent with the voltage marked by the switch.

!Before switch on, please make sure that it will not cause overload of the power circuit, so as not to affect the normal operation of the switch or even unnecessary damage.

!In order to avoid the danger of electric shock, do not open the shell up when the switch works, even in the case of no live current, do not open.

!Before cleaning the switch, pull out the power plug. Do not wipe it by using wet fabrics or liquid.

!Install device in the rack-mount regularly from top to bottom, incase of over-load installation.

!Don't place other heavy objects on the surface of the switch to avoid accidents.