



## Product Datasheet

# 10-port Full Gigabit PoE Switch

(ARIONET-10PG)



## OVERVIEW

The ARIONET-10PG is a gigabit unmanaged PoE switch independently developed by ARIONET. It has 10\*10/100/1000Base-T RJ45 ports. Port 1-8 can support IEEE 802.3af/at standard PoE power supply. single port PoE power reaches 30W, and the maximum PoE output power is 110W(at-250W). As a PoE power supply device, it can automatically detect and recognize the power receiving equipment that meets the standard and supply power through the network cable. It can supply power to POE terminal equipment such as wireless AP, webcam, VoIP phone, building visual access control intercom, etc. through a network cable to meet the network environment that needs high-density PoE power supply. It is suitable for hotels, campuses, parks, shopping malls, scenic spots, hospitals, factory dormitory and small and medium-sized enterprise.

Unmanaged model, plug and play, no configuration, easy to use.



## FEATURE

### ■ Full gigabit access, full-line speed forwarding

- ◇ All series support all-line high-speed forwarding, user-flexibly flexible networking, to meet the needs of various scenarios networking;
- ◇ Support non-blocking wire-speed forwarding.
- ◇ Support full-duplex based on IEEE802.3x and half-duplex based on backpressure.

### ■ Intelligent PoE power supply function

- ◇ 8\*10/100/1000Base-T RJ45 ports, meeting the needs of security monitoring, teleconferencing system, wireless coverage, and other scenarios.
- ◇ IEEE 802.3af/at PoE standard, without damaging non-PoE devices.
- ◇ Priority system for PoE port, it will supply power to the high priority level port first when the power budget is insufficient and avoid overwork of the device.

### ■ Stable and reliable

- ◇ CCC, CE, FCC, RoHS.
- ◇ Plug and play, no configuration, simple and cARIOONETenient.
- ◇ Low power consumption, galvanized steel casing, The fan active cooling.
- ◇ Self-developed power supply, high redundancy design, providing a long term and stable PoE power output.
- ◇ The user-friendly panel can show the device status through the LED indicator of PWR, Link, PoE.



### TECHNICAL SPECIFICATION

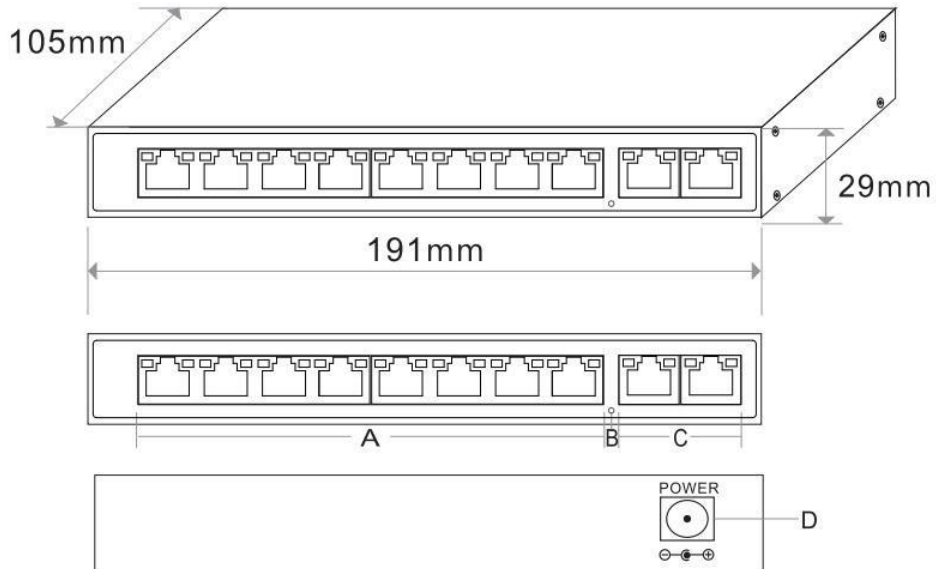
Model	ARIOONET-10PG	ARIOONET-10PG-at
<b>Interface Characteristics</b>		
Fixed Port	8*10/100/1000Base-T PoE ports (Data/Power)	
	2*10/100/1000Base-T uplink RJ45 port (Data)	
Ethernet Port	Port 1-10 can support 10/100/1000Base-T, auto-sensing, full/half duplex MDI/MDI-X	
Twisted Pair Transmission	10BASE-T: Cat3,4,5 UTP(≤100 meter)	
	100BASE-TX: Cat5 or later UTP(≤100 meter)	
	1000BASE-T: Cat5e or later UTP(≤100 meter)	
<b>Chip Parameter</b>		
Network Protocol	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T;	
	IEEE802.3u 100Base-TX	
	IEEE802.3ab 1000Base-T	
	IEEE802.3x	
Forwarding Mode	Store and Forward(Full Wire Speed)	
Switching Capacity	20Gbps	
Forwarding Rate@64byte	14.88Mpps	
MAC	8K	
Buffer Memory	2M	
Jumbo Frame	9.6K	
LED Indicator	Power : PWR (green), network :Link(yellow), PoE: PoE(green), speed : 1000M(green)	
Reset Switch	Yes, One-button factory reset	
<b>PoE &amp; Power</b>		
PoE Port	Port 1 to 8 IEEE802.3af/at @ POE	



Power Supply Pin	Default: 1/2(+),3/6(-);optional:4/5 (+), 7/8 (-)	
Max Power Per Port	30W; IEEE802.3af/at	
Total PWR / Input Voltage	110W /DC52V	250W/DC52V
Power Consumption	Standby<6W;Full load<110W	Standby<8W;Full load<240W
Power Supply	External power adapter AC 100~240V 50-60Hz 2.0A	External power adapter AC 100~240V 50-60Hz 4.1A
<b>Physical Parameter</b>		
Operation TEMP / Humidity	-20~+55°C;5%~90% RH Non condensing	
Storage TEMP / Humidity	-40~+75°C;5%~95% RH Non condensing	
Dimension (L*W*H)	191*105*29mm	
Net /Gross Weight	<0.6kg / <1.2kg	<0.6kg / <1.4kg
Installation	Desktop, wall mounted,19 inch 1U cabinet	
<b>Certification &amp; Warranty</b>		
Lightning protection / protection level	Lightning protection: 4KV 8/20us; Protection level: IP30	
Certification	CCC;CE mark, commercial; CE/LVD EN60950;FCC Part 15 Class B; RoHS	
Warranty	3 years, lifelong maintenance.	

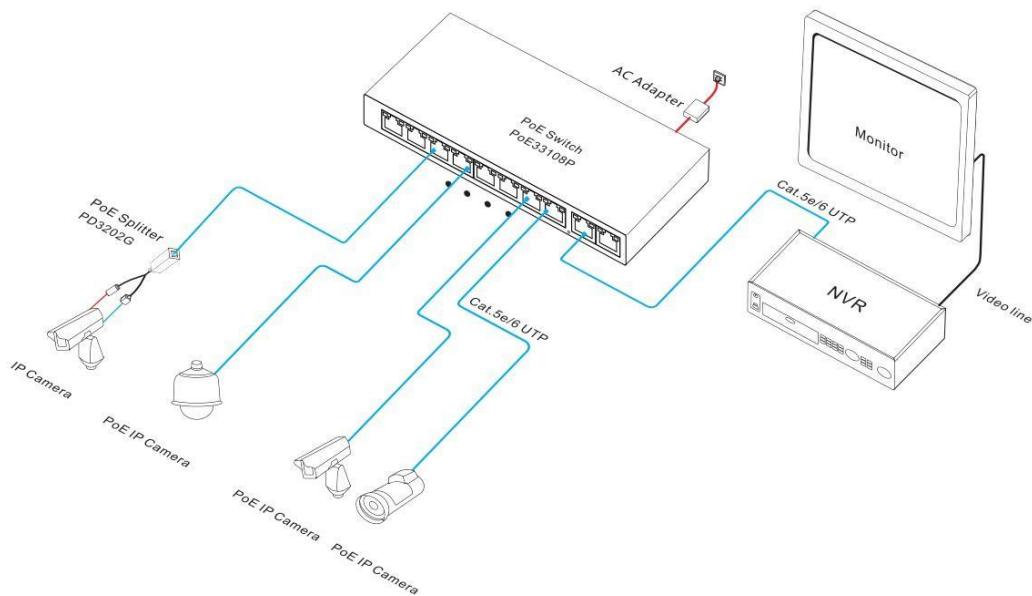


## DIMENSION



- A. 8\*10/100/1000 PoE Ports
- B. Working Indicator
- C. 2\*10/100/1000M Uplink RJ45 Ports
- D. Power Input Port DC48-57V

## APPLICATION





## ORDERING INFORMATION

Model	Description
ARIOONET-10PG	Unmanaged PoE switch with 10*10/100/1000M RJ45 port. Port 1-8 can support IEEE802.3af/at PoE standard. External 110W power supply.
ARIOONET-10PG-at	Unmanaged PoE switch with 10*10/100/1000M RJ45 port. Port 1-8 can support IEEE802.3af/at PoE standard. External 250W power supply.

## PACKING LIST

	CONTENT	QTY	UNIT
PACKING LIST	10-port full gigabit PoE switch	1	SET
	AC Power Cable+ Power Adapter	1	SET
	Mounting Kits (Hanging Ear)	1	SET
	User Guide	1	PC
	Warranty Card	1	PC

## CONTACT US

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