MELBYE

RAYCORE

Q3-S350 V1.1E

Specification of PoE fiber switch with 5 ports 10/100/1000M RJ45 ports and 1 port 1000M uplink SFP fiber slot port, port 1-4 can support IEEE 802.3af/at PoE standard

Part Number: AVSR-1T43-00x3A-01

The AVSR-1T43-00x3A-01 series is a full gigabit PoE fiber switch independently developed by Raycore. It has 5*10/100/1000M RJ45 ports and 1*1000M SFP slot port. Port 1-4 can support IEEE 802.3af/at standard PoE power supply. single port PoE power reaches 30W, and the maximum PoE output power is 65W(at-110W). 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, visual intelligent building intercom through network cable, and meet the network environment that needs high-density PoE power supply. It is suitable for hotel, campus, factory dormitory and small and medium-sized enterprises.

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

Features

- Full gigabit access, gigabit (TP/SFP) combo port uplink
    - All series supports "gigabit Ethernet port and gigabit SFP fiber port " combination, which enables users to flexibly build networking to meet the needs of various scenarios.
    - Support non-blocking wire speed forwarding.
    - Support full duplex based on IEEE802.3x and half duplex based on backpressure.
- Intelligent PoE power supply
    - 4 ports 10/100/1000Base-T RJ45 ports support PoE power supply to meet the needs of PoE power supply in security monitoring, teleconferencing systems, and wireless coverage.
    - Conforms to the IEEE 802.3af/at PoE power supply standard, automatically recognizes PoE devices for power supply, without damaging non-POE devices. The maximum POE output power of the entire device reaches

65W(at-110W), and the maximum POE output power of a single port is 30 W.

> The PoE port supports the priority mechanism. When the remaining power is insufficient, the power supply of the high-priority port is preferentially guaranteed to prevent the device from being overloaded.

● The equipment is stable and reliable

> The host has low power consumption, no fan, galvanized steel metal shell, excellent heat dissipation, and ensure stable operation of products.

> The equipment fully meets the requirements of CCC; CE, FCC and RoHS safety regulations, and is safe and reliable.

> AC/DC power supply, high redundancy design, provides long-term stable PoE power output.

● Easy to operate

> Plug and play, no configuration, simple and convenient.

> The user can easily understand the working status of the device through the power indicator (PWR), port status indicator (Link), and POE operation indicator.

Specifications

Model	AVSR-1T43-0013A-01	AVSR-1T43-0023A-01
Interface	4*10/100/1000Base-T PoE ports (Data/Power) 1*10/100/1000Base-T uplink RJ45 port (Data) 1*1000Base-X SFP fiber port slots (Data)	
POE port	Port1-4 can support POE @ IEEE802.3af/at	
Network Protocol	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u 100Base-TX IEEE802.3ab 1000Base-T IEEE802.3z 1000Base-X IEEE802.3x	
PoE Standard	IEEE802.3af/at international standard	
Ethernet Port Feature	Port 1-5 can support 10/100/1000Base-T, auto-sensing, full/half duplex MDI/MDI-X	
SFP Port Characteristic	Gigabit SFP optical fiber interface, default matching optical modules, need to buy separately, (Optional single-mode / multi-mode, single fiber / dual fiber module, LC).	
Forwarding Mode	Store and Forward (Full Wire Speed)	
Switching Capacity	12Gbps	

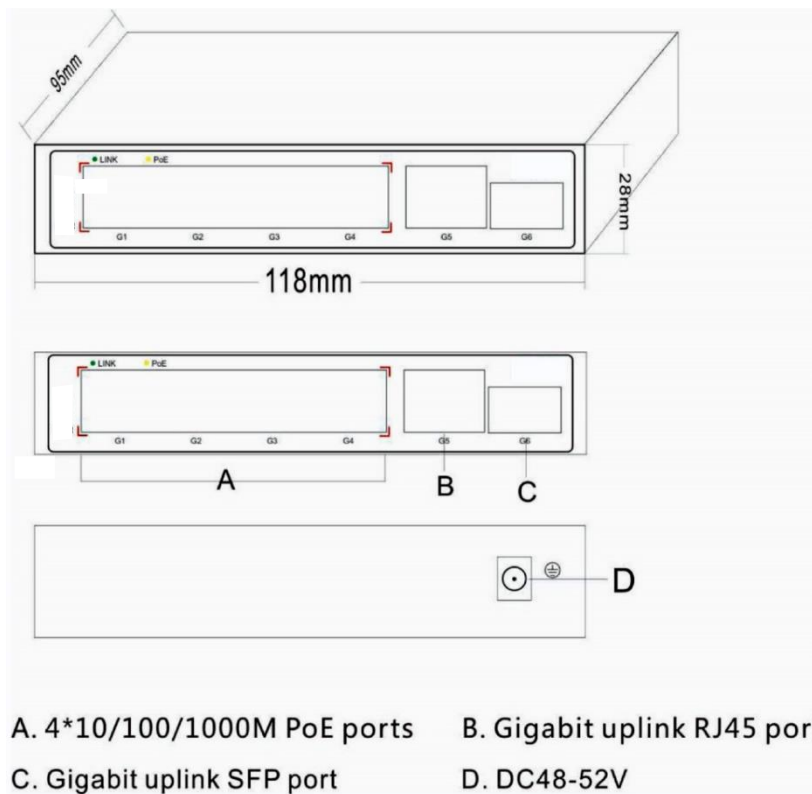|		
Forwarding Rate@64byte	8.93Mpps	
MAC Address Table	2K	
Buffer Memory	2M	
Twisted Pair Transmission	10BASE-T: Cat3,4,5 UTP (≤100 meter) 100BASE-TX: Cat5 or later UTP (≤100 meter) 1000BASE-T: Cat5e or later UTP(≤100 meter)	
Optical Fiber cable	Multi-mode:850nm 0~550M.Single-mode :1310nm 0~40KM,1550nm 0~120KM.	
Power Supply Pin	Default: 1/2(+),3/6(-); optional: 4/5 (+), 7/8 (-)	
Max /Average Power Per Port	30W/15.4W	30W/30W
Total PWR / Input Voltage	65W (DC52V)	110W (DC52V)
Power Consumption	Standby<5W; Full load<65W	Standby<6W; Full load<110W
LED	Power Indicator: PWR (green) @P5 UTP Link/Act indicator: L/A(yellow) @P1 ~ P5(10/100/1000M) PoE indicator: PoE (green) @P1 ~ P4 Fiber Link/Act indicator: L/A(green) @SFP (1000M)	
Power Supply	External power adapter, AC100~240V 50-60Hz 1A	External power adapter, AC100~240V 50-60Hz 2A
Operation TEMP / Humidity	-20~+55°C;5%~90% RH Non condensing	
Storage TEMP / Humidity	-40~+75°C;5%~95% RH Non condensing	
Product Dimension (LxWxH)	118x95x28mm	
Net / Gross Weight	<0.35kg / <0.8kg	<0.35kg / <1.0kg
Inner Box Dimensions (LxWxH)	250x205x45mm	
Installation Method	desktop type; wall mounting	
Lightning protection / protection level	Port Lightning Protection 4KV 8/20us; Protection Level: IP30	
Certification	CCC; CE mark, commercial; CE/LVD EN60950; FCC Part 15 Class B; RoHS	

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Dimensions

A. 4*10/100/1000M PoE ports   B. Gigabit uplink RJ45 port
C. Gigabit uplink SFP port   D. DC48-52V

Application
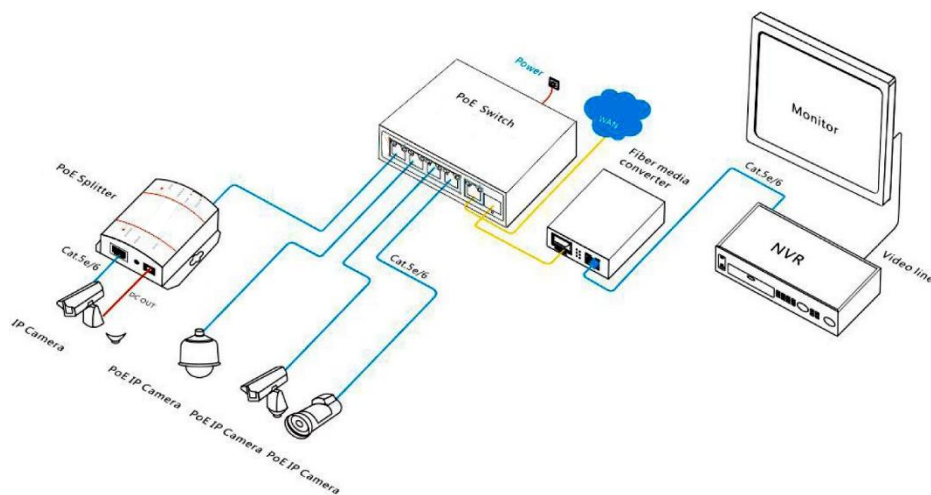
Packing list

PACKING LIST	CONTENT	QTY	UNIT
	6-Port full gigabit PoE fiber switch (AVSR-1T43-00x3A-01)	1	SET
	AC power cable + Power adapter	1	PC
	Mounting Kits (Hanging Ear)	1	SET

Note: PoE switch does not match SFP module by default. If you need to purchase it, please refer to the accessory product information.

Ordering information

Part Number	Description
AVSR-1T43-0013A-01	Unmanaged PoE fiber switch with 5*10/100/1000M RJ45 ports and 1*1000M uplink SFP fiber slot port, port 1-4 can support IEEE 802.3af/at PoE standard, External 65W power supply.
AVSR-1T43-0023A-01	Unmanaged PoE fiber switch with 5*10/100/1000M RJ45 ports and 1*1000M uplink SFP fiber slot port, port 1-4 can support IEEE 802.3af/at PoE standard, External 110W power supply.