#700516 -12-port Full Gigabit PoE Fiber Switch

OVERVIEW

The 700516 is a full gigabit unmanaged PoE fiber switch. It has 10*10/100/1000M adaptive RJ45 ports and 2*1000M uplink SFP fiber ports. Port 1-8 can support IEEE 802.3 af/at PoE standard and single-port PoE power up to 30W. 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 automatically detect and identify the electrical equipment that meets the standard and supply power to it through the network cable, devices including wireless AP, IP camera, IP telephone, and other PoE terminal equipment, etc. In addition, it is suitable for networking systems of hotels, campuses, dormitories medium enterprises, etc. Unmanaged mode, plug and play, no configuration, easy to use.

FEATURE

■ **Gigabit access, uplink SFP fiber port**

◇ Support non-blocking wire-speed forwarding.

◇ Support full-duplex based on IEEE802.3x and half-duplex based on backpressure.

◇ Support gigabit RJ45 port and uplink SFP port combination, which enables users to flexibly build networking to meet the needs of various scenarios.

VandalVeto®

■ **Smart PoE power supply**

◇ Comply with IEEE 802.3 af/at PoE standard, automatically identify PoE devices for power supply, and not damage non-PoE devices.

◇ 8*10/100/1000Base-T RJ45 ports, meeting the needs of security monitoring, teleconferencing system, wireless coverage, and other scenarios.

◇ 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 convenient.

◇ The user-friendly panel can show the device status through the LED indicator of PWR, Link , L/A, and PoE.

◇ Self-developed power supply, high redundancy design, providing a long-term and stable PoE power output.

◇ Low power consumption, with fan, galvanized steel metal shell, and excellent heat dissipation to ensure the stable operation of the switch.
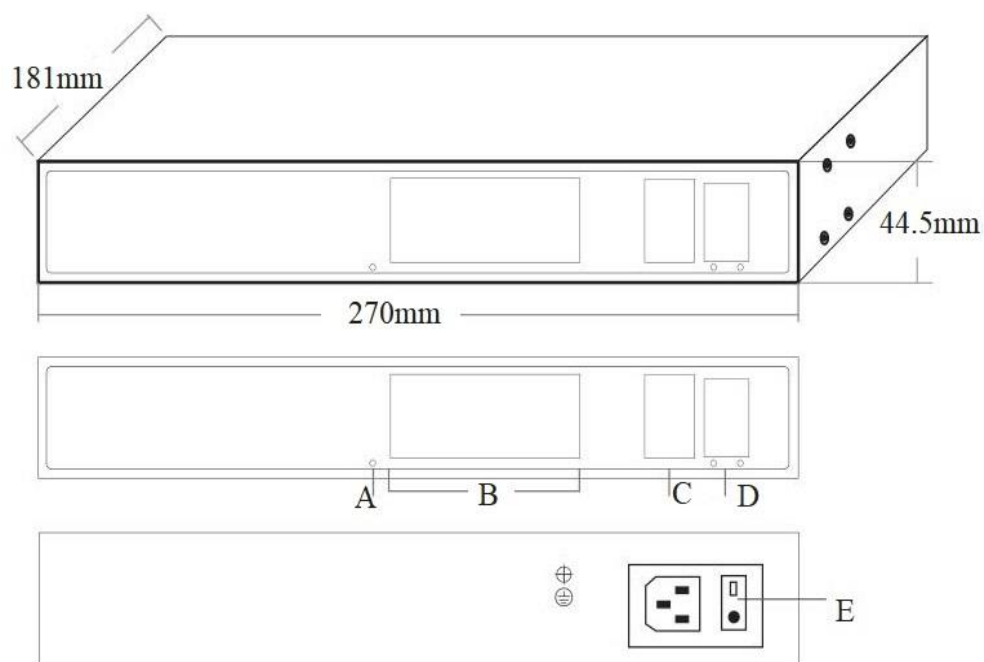
VandalVeto®

TECHNICAL SPECIFICATION

Model	700516	
Interface Characteristics		
Fixed Port	2*1000Base-X uplink SFP fiber ports (Data) 2*10/100/1000Base-T uplink RJ45 ports (Data) 8*10/100/1000Base-T PoE ports (Data /Power)	
Ethernet Port	Port 1-10 can support 10/100/1000Base-T auto-sensing, full/ half duplex MDI/ MDI-X self-adaption	
Twisted Pair Transmission	10BASE-T: Cat3,4,5 UTP (≤100 meters) 100BASE-TX: Cat5 or later UTP (≤100 meters) 1000BASE-T: Cat5e or later UTP (≤100 meters)	
Optical Fiber Port	Gigabit optical fiber interface, default no include optical module (optional single-mode/ multi-mode, single fiber/ dual fiber optical module. LC)	
Optical Cable/ Distance	Multi-mode: 850nm /0-550m, Single-mode: 1310nm /0-40km, 1550nm /0-120km	
Chip Parameter		
Network Protocol	IEEE 802.3 10BASE-T, IEEE 802.3i 10Base-T, IEEE 802.3u 100Base-TX, IEEE 802.3ab 1000Base-T, IEEE 802.3z 1000Base-X, IEEE 802.3x	
Forwarding Mode	Store and Forward (Full Wire Speed)	
Switching Capacity	24Gbps (Non-blocking)	
Forwarding Rate @64byte	17.86Mpps	
MAC	4K	
Buffer Memory	4M	
Jumbo Frame	9.6K	
LED Indicator	Power: PWR (Green), Network: Link, Link/Act (Yellow), PoE: PoE (Green), Fiber port: L/A (Green), Rate: 1000M (Green)	

VandalVeto®

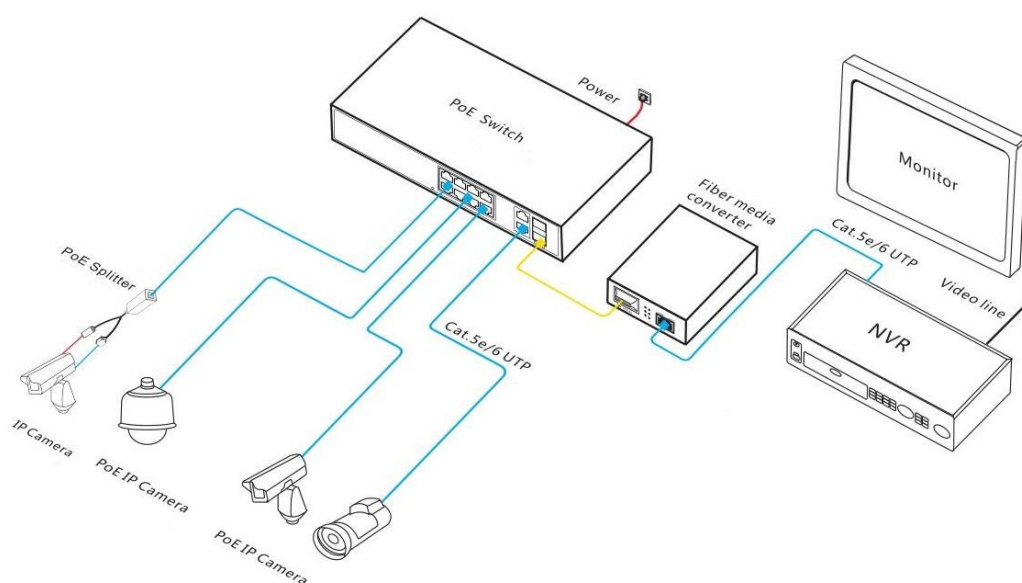| PoE & Power Supply	
PoE Port	Port 1-8
Power Supply Pin	1/2(+) 3/6 (-)
Max Power Per Port	30W, IEEE 802.3 af/at
Total PWR / Input Voltage	130W/ (AC100-240V)
Power Consumption	Standby<8W, Full Load<120W
Power Supply	Built-in power supply, AC100~240V 50-60Hz, 2.3A
Physical Parameter	
Operation TEMP/ Humidity	-20°C~+55°C, 5%~90% RH Non condensing
Storage TEMP/ Humidity	-40°C~+75°C, 5%~95% RH Non condensing
Dimension (L*W*H)	270*181*44.5mm
Net /Gross Weight	1.3kg /1.8kg
Installation	Desktop, wall mounted, 1U/19'' cabinet
Certification & Warranty	
Lightning Protection	Lightning protection: 4KV 8/20us, Protection level: IP30
Certification	CCC, CE mark, commercial, CE/LVD EN62368-1, FCC Part 15 Class B, RoHS
Warranty	3 years, lifelong maintenance.

DIMENSION

VandalVeto®

A. Working indicator   B. 8*10/100/1000M PoE ports

C. 2*10/100/1000M uplink RJ45 ports   D. 2*1000M uplink SFP fiber ports

E. Power input port AC100-240V, 50/60Hz

APPLICATION

ORDERING INFORMATION

VandalVeto®

Model	Description	Built-in Power Supply
700516	Unmanaged PoE switch with 10*10/100/1000M RJ45 ports and 2*1000M uplink SFP fiber ports. Port 1-8 can support IEEE 802.3 af/at PoE standard. It built-in power supply and 1U/19" cabinet installation.	130W
Note: The optical module is not included and needs to be purchased.		

PACKING LIST

	Content	Qty	Unit
Packing List	12-port full gigabit PoE fiber switch	1	SET
	AC Power Cable	1	SET
	Mounting Kits (Hanging Ear)	1	SET
	User Guide	1	PC
	Warranty Card	1	PC

VandalVeto®