



DATASHEET
CY-S1016-200



Data sheet

S1016-200

16 Ports PoE Fast Ethernet Switch

6kV Lightning Protection, Support PoE Management, 802.3af/at



Main Ports: 16x downlink Fast PoE Ethernet ports, 2x Gigabit uplink Fast Ethernet ports and 1x Gigabit SFP fiber port.

Unique Feature: one-key CCTV mode, which can restrain network storm, realize VLAN function and 1-16 downlink ports only able to communicate with uplink ports; the further transmission distance up to 150m in CCTV mode with 10 Mbps bitrate;

Led indicator: support power consumption indication; support manage PoE on/off and power consumption setting via Web;

Standard: IEEE802.3, IEEE802.3u, IEEE802.3 af, IEEE802.3at;

Protection: Superior lightning protection (6kV), ESD protection and anti-interference ability;

Structure: stable and delicate, easy to install;

Operation: plug and play, no any settings needed.

Introduction

The 16 ports PoE switch is an unmanaged PoE Ethernet switch along with 16 * 10/100Base-TX downlink PoE ports and 2 * 10/100/1000Base-T uplink Ethernet ports featuring 30-watt 802.3at PoE+ as well as 1 additional Gigabit Combo port. The total PoE power budget is up to 200 watts. It supports web-based PoE management and real-time PoE output LED display. The device can be widely used in video security monitoring systems, network projects, etc.

Specification

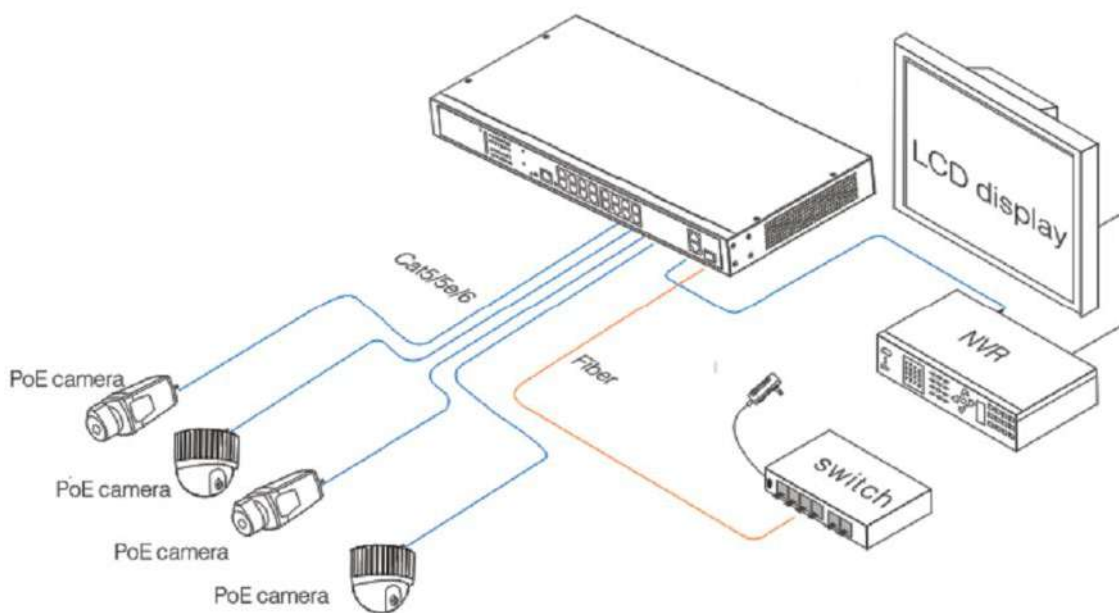
Model	S1016-200
Downstream Ports	16 * 10 / 100 Base-TX (PoE)
Uplink Ports	2 * 10 / 100 / 1000 Base-TX and 1 * Base-X/SFP (combo)
Network Standard	IEEE802.3, IEEE802.3u, IEEE802.3ab, IEEE802.3z, IEEE802.3X
Switch Capacity	7.2 Gbps
Packet Forwarding Rate	5.36 Mpps
Switch Processing Scheme	Store and Forward
Packet Buffer	2.75M
MAC Table	4K
PoE Standard	802.3af / at (PSE)
PSE Type	End-span
Power Pin Assignment	1/2(+), 3/6(-)
PoE Power Output	54 V DC, 30 watts max
PoE Budge	180 watts max
PoE Management	Via Web (Default IP Address 192.168.1.200) to check, on/off and adjust each port PoE output
Lightning protection	6kV Execute: IEC61000-4-5
ESD	6kV Contact discharge 8kV Air discharge Execute: IEC61000-4-2
Power Supply	100 – 240 V AC @ 50/60 Hz
Power Dissipation	< 200W (including PoE)
Work temperature	-10 °C ~ 50 °C
Storage temperature	-40 °C ~ 85 °C
Humidity(Non-condensing)	5% - 95%
Dimension (LxWxH)	442 mm x 207 mm x 44.5 mm
Weight	2.69 kg
Regulator	CE, FCC, ROHS

Designation	Quantity
S1016-200	1
Power Adapter	1
Accessory	1
User Manual	1

Port configuration



Typical application



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