- 16* 10/100Mbps auto-sensing RJ45 ports, auto MDI/MDIX.
- Gigabit non-blocking wire-speed forwarding, keeps network fluent.
- Auto-detecting of parallel / cross line. Simplify the network structure and maintenance.
- Support connection with IP Cameras and wireless AP.
- Plug and play, no need more configuration.
- Low power consumption design. Low power consumption design. Energy-saving and green. Max total power consumption < 10W.
- 1 year warranty.
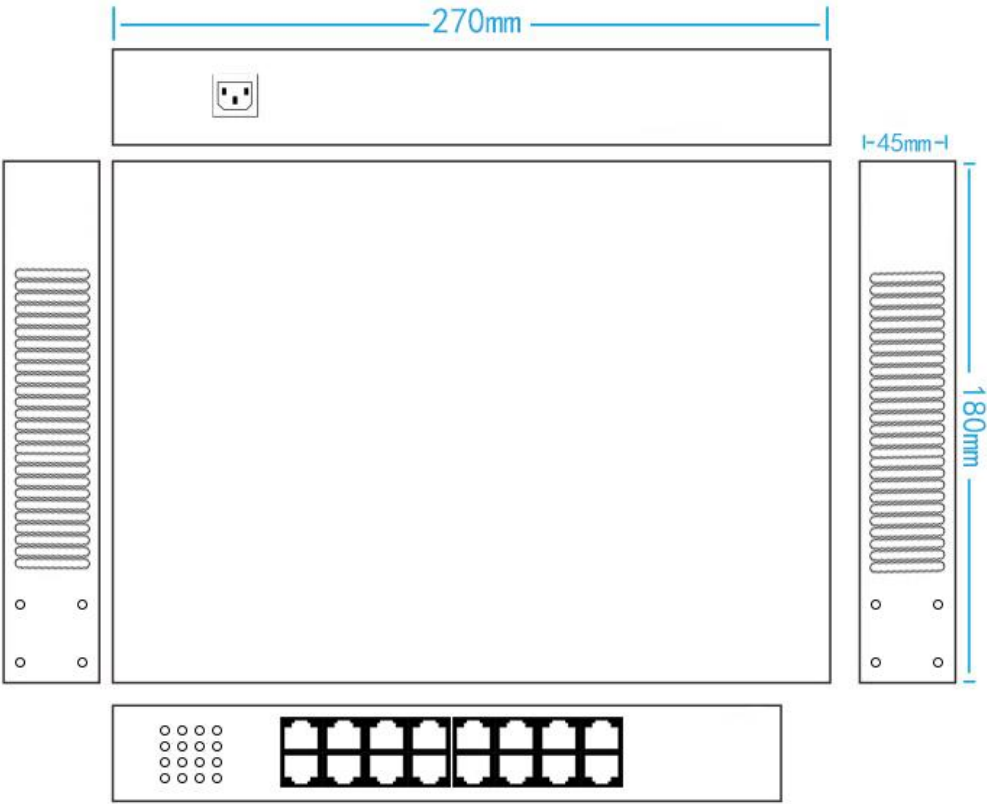
RoHS FC C E

Introduction

EW-S1516CF is designed as CCTV surveillance Network Switch for simple network environment including home, school dormitory, office and small scale surveillance system etc. Large-capacity cache chip design and full port support wire-speed forwarding mode ensure 7*24 hours stable and smooth for video and data transmission. 16*10/100M auto-sensing RJ45 port. Full duplex rate up to 200M. Auto-identify parallel lines and cross lines. Plug and play, expand high-speed network in a fast way.

TECHNICAL SPECIFICATION

Model	EW-S1516CF
Product Name	16-Port 10/100M Network Switch
Interface	16* 10/100Mbps auto-sensing RJ45 ports(Auto MDI/MDIX)
Feature	non-blocking transmission, keeps network fluent. Support MAC self learning and updating
Network Protocol	IEEE802.3 10BASE-T; IEEE802.3i 10Base-T; IEEE802.3u 100Base-TX; IEEE802.3x.
Twisted Pair Transmission	10BASE-T: Cat5 UTP (≤100 meter) 100BASE-TX: Cat5 or later UTP (≤100 meter)

Ethernet Port Feature	10/100Base-T(X) automatic detection, full/half Duplex MDI/MDI-X adaptive
Switching Capacity	14.8Gbps
Forwarding Mode	Store-and-Forward
Forwarding Rate	2.38Mpps
Buffer Memory	4.1M
MAC Address Table	8K
Power Consumption	Standby:< 5W; Full load:<15W
LED Indicator	Power indicator: PWR (Green); Network indicator: 1-16(Link/Act)/ (Green)
Power Input	12V/2A (External power adaptor)
Dimension	270*180*45mm（L*W*H）
Operation TEMP / Humidity	-20~+55°C:5%~90% RH non condensing
Storage TEMP / Humidity	-40~+75°C;5%~95% RH non condensing
Installation Method	desktop type, wall mounted,19-inch 1U cabinet installation
Protection	IEC61000-4-2(ESD): ±8kV contact discharge, ±15kV air discharge IEC61000-4-5(Lightning protection/Surge): Power:CM±4kV/DM±2kV; Port: ±4kV
Certification	CCC; CE mark, commercial;CE/LVD EN60950; FCC Part 15 Class B;RoHS
Warranty	1 Year warranty

DIMENSION

APPLICATION

POWER

NVR

16 Ethernet Switch

Non-PoE IP Camera   Non-PoE IP Camera   Non-PoE Wireless   PoE Wireless

PACKING LIST

CONTENT	QTY	UNIT
16 Ports 100M Ethernet switch (EW-S1516CF)	1	SET
External Power Adaptor	1	PC
User Guide	1	PC
Warranty Card	1	PC