

IES6116L-4F-P(12/48VDC)

12 port 10Base-T/100BaseTX Ethernet+4 port 100Base-FX Industrial Ethernet switch

Features

- 1.Support IEEE802.3, IEEE802.3u, IEEE 802.3x, IEEE802.1Q, IEEE802.1p, IEEE802.1D, IEEE802.1W
- 2.SW-Ring™ redundant network patent technology(Faulty recovery time<20ms), Support single, double, single star, double star ring
- 3.Support 8024 MAC address table
- 4.Support WEB configuration, configuration file up and download
- 5.Support MAC address learning, aging automatic
- 6.Support port status display, data update.
- 7.Support IGMP Snooping and static multicast filter
- 8.Support flow statistics
- 9.Support single port and multi-port mirroring, network detection
- 10.Support rate control, Broadcast storm control
- 11.Support 1 channel relay alarm output
- 12.Industrial class 4 design, IP40 protection
- 13.Power supply(12~48VDC), Support over-correct protection,reverse connection protection
- 14.No fan, low consumption design
- 15.0-60℃ working temperature



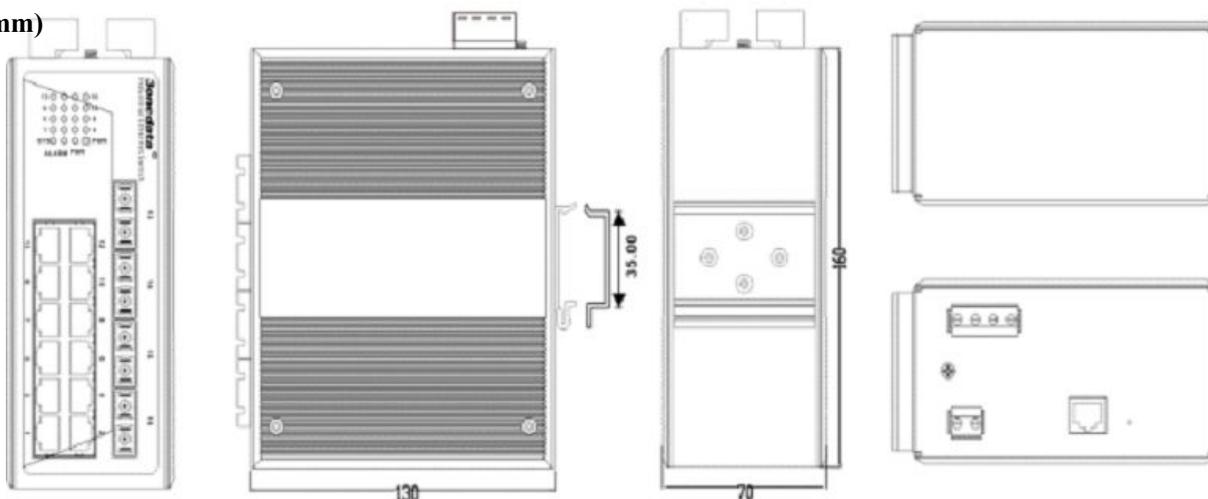
Introduction

IES6116L-4F-P(12/48VDC) is a high performance and high cost performance Industrial managed Ethernet switches. It provided 12 ports 10Base-T/100BaseTX Ethernet+ 4 ports 100Base-FX, it adopt SW-Ring redundant technology (Recovery time<20ms), users can set the redundant easily to increase network reliability, furthermore, it can also support numerous intelligent network management functions,

like as IGMP, RSTP, 802.1Q VLAN, QOS, port trunking and port mirroring etc, It adopted no fan, low power consumption design, IP40, corrugate high strength iron shell, the performance is more steadily. It accorded with CE, FCC standard and Industrial 4 grades, DIN rail installation and wide operating temperature (0~60C), it can satisfied some kinds of industrial environment, it can provide reliable and quickly solution for your Ethernet device.

Dimension and appearance

Unit (mm)





Specification

Technology

Standard: IEEE802.3, IEEE802.3u, IEEE 802.3x, IEEE802.1Q, IEEE802.1p, IEEE802.1D, IEEE802.1W
 Protocol: ARP, ICMP, TCP, UDP, DHCP, DNS, HTTP, Telnet, SW-RingTM
 Flow control: IEEE802.3x, back pressure control

Function

Function: SW-RingTM, QOS, 802.1Q VLAN, port-trunking, static multicast filter, port mirroring, Broadcast storm control, flow statistics, upgrade online, up and download configuration file, user name access system.

SW-RingTM:Support single, double, single star, double star ring, Dual homing.

Interface

10/100M Ethernet port: 10Base-T/100Base-TX self-adapt RJ45 port, half/full duplex, force working mode, support MDI/MDI-X self-adapt
 Console port: Procedure debug (RS-232), RJ45
 Alarm port: 2 bit 7.62mm terminal block, 1 channel relay alarm output

Transfer distance

Twisted cable: 100M (CAT5/CAT5e)
 Multi mode fiber: 1310nm, 2Km
 Single mode fiber: 1310nm, 20Km
 1310nm, 40Km
 1310nm, 60Km
 1550nm, 80Km

Exchange attribute:

100M transmit speed: 148810pps
 Transfer: Store and forward
 System exchange bandwidth: 3.2 G
 Buffer memory: 256Kbits
 Support 8024 MAC address table

LED indicator

Power supply indicator: PWR1, PWR2
 Alarm indicator: ALARM
 Running state indicator: SYS
 Port connection/running state: Link/Act (1~16)

Power supply

Input voltage: 24VDC (12~48VDC)
 Terminal block: 4 bits 7.62mm terminal block
 No load consumption: 6.1W@24VDC
 Full load consumption: 7.3W@24VDC

Mechanical

Shell: IP40, high strength iron shell.
 Installation: DIN Rail
 Dimension (W×H×D) :160 mm×70mm×130mm
 Weight: 1100g

Environmental

Operating Temperature: 0 to 60°C
 Storage Temperature: -45°C to 85°C
 Relative Humidity: 10 to 95% (non-condensing)

Standard

EMI: FCC Part 15, CISPR (EN55022) class A
 EMS: EN61000-4-2 (ESD), Level 4
 EN61000-4-3 (RS), Level 3
 EN61000-4-4 (EFT), Level 4
 EN61000-4-5 (Surge), Level 4
 EN61000-4-6 (CS), Level 3
 EN61000-4-8, Level 5
 Shock: IEC 60068-2-27
 Free fall: IEC 60068-2-32
 Vibration: IEC 60068-2-6

Warranty

Warranty time: 5 years

Certification

CE, FCC, RoHS, UL508(Pending)

Ordering

Model	Port			Power supply	
Standard model(0~60°C)	100M Ethernet	100M fiber port (SC/ST/FC)			12~48VDC
		SM	SS	MM	
IES6116L-4F-P(12/48VDC)	12	4	—	—	
IES6116L-4F-P(12/48VDC)	12	—	4	—	
IES6116L-4F-P(12/48VDC)	12	—	—	4	