16-Port 10/100Mbps Industrial Ethernet Switch

IES7210-16E-DC

Key Features:

Ports: Provide 16*10/100Mbps Ethernet ports
Self-adaption: RJ45 port supports 10/100Mbps Auto MDI/MDIX
Industrial Installation: Din Rail mounting installation
Wide Application: Designed for Railway, traffic etc some Industrial environment
Surge protection: Protect the device from lighting surges and others electrical hazards
Working Temperature: -40 to 85 degrees operating temperature
Considerate Design: IP40 Industrial Enclosure with Dual power Input
Easy to use: Plug and play, No configuration required

Environmentally Hardened Design

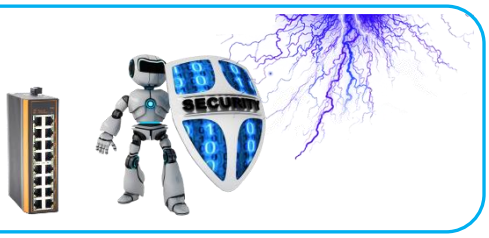
With the **IP40** metal industrial case which provides a high level of immunity against electromagnetic interference and heavy electrical surges,Being able to operate under the temperature range from **-40 to 85 degrees**, the IES7210-16E-DC can be placed in almost any difficult environment.

Dual Power input for High Availability Network

Featuring a strong dual power input system with wide-ranging voltages (12V~36V DC or 24V AC) incorporated into customer's automation network to enhance system reliability and uptime which make the installation more flexible and convenient.

Surge Protection Design

Provides contact discharge of ±8KV DC and air discharge of ±15KV DC for Ethernet ESD protection. It also supports ±6KV surge immunity to improve product stability and protects users' networks from devastating ESD attacks, making sure the flow of operation does not fluctuate.



IES7210-16E-DC

16-Port 10/100Mbps Industrial Switch

Technical Datasheet

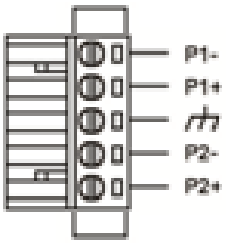
Model	IES7210-16E-DC
Hardware Specifications	
Copper ports	16 10/100BASE-T RJ45 auto-MDI/MDI-X ports
Connector	Removable 4-pin terminal block Pin 1/2 for Power 1; Pin 3/4 for Power 2
LED Display	Power Indicator: PWR(green).Network Indicator: Link(yellow)
Power requirements	12~36V DC
Power Consumption	Less than 4Watts
Power Connector	Removable 4-pin terminal block,Pin 1/2 for Power 1; Pin 3/4 for Power 2
Installation	DIN-rail kit and wall-mount kit
Switch Performance	Backplane bandwidth 3.2Gbps Packet forwarding rate 2.4Mpps MAC address 4k Flow control Back pressure for half duple. IEEE 802.3x pause frame for full duplex
Enclosure	IP40 Metal case
ESD Protection	6KV ESD
Dimension(W x D x H)	42 x 99 x 161mm (1.65in x 3.9in x 6.34in)
Weight	1.35Kg
Standards Conformance	
Network standard	IEEE802.3i 10 BASE-T IEEE802.3u 100 BASE-TX IEEE 802.3x Full-Duplex Flow Control
Stability Testing	FCC CFR47 Part 15, EN55022/CISPR22, Class A EMS: IEC61000-4-2 (ESD): ±8kV (contact), ±15kV (air) IEC61000-4-3 (RS): 10V/m (80MHz-2GHz) IEC61000-4-4 (EFT): Power Port: ±4kV; Data Port: ±2kV IEC61000-4-5 (Surge): Power Port: ±2kV/DM, ±4kV/CM; Data Port: ±2kV IEC61000-4-6 (CS): 3V (10kHz-150kHz); 10V (150kHz-80MHz) IEC61000-4-16 (Common mode conduction): 30V (cont.), 300V (1s) IEC 60068-2-32 (free fall) IEC 60068-2-27 (shock) IEC 60068-2-6 (vibration)
Environment	
Environment specification	Operating temperature: -40℃~85℃，operating humidity: 5%~95% Storage temperature: -40℃~85℃，storage humidity: 5%~95%
Warranty	5 Years

IES7210-16E-DC

16-Port 10/100Mbps Industrial switch

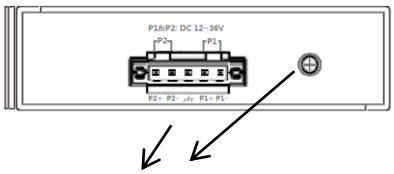
Installation Models

Power Terminal

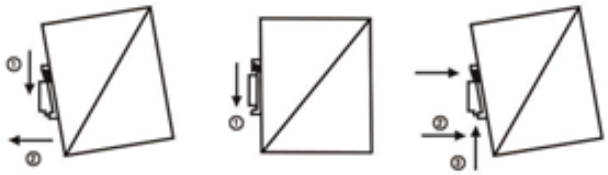


- 5-pin 3.81mm-spacing plug-in terminal
- 12V-36VDC wide voltage input
- P1&P2 dual power input
- Reverse protection

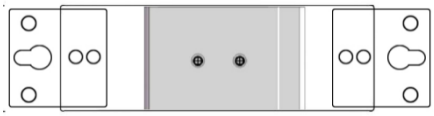
Earth Protection



Ground terminal or screw

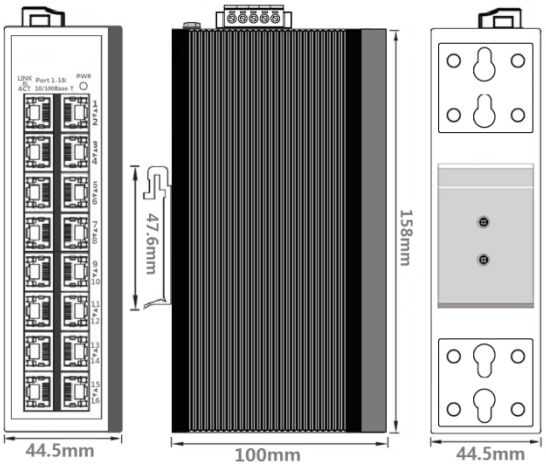


Din-Rail

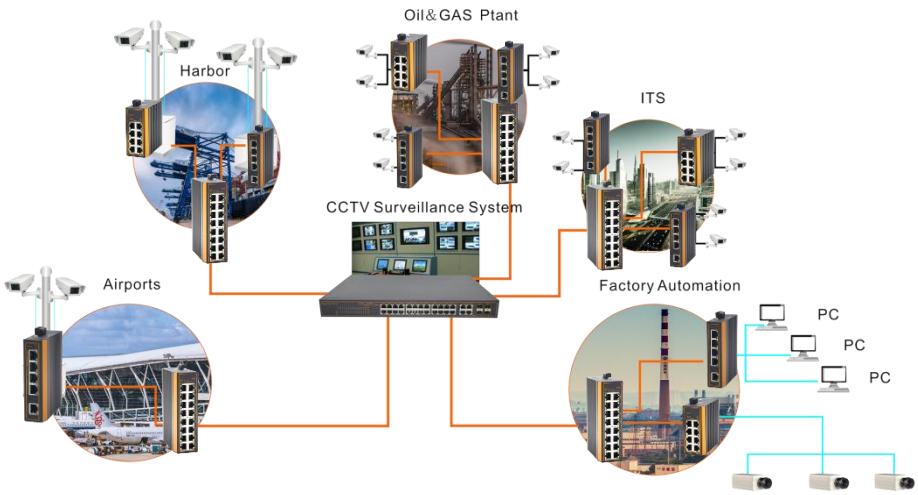


Wall mounting

Mechanical Drawing



Applications



Ordering Information	
IES7210-16E-DC	16 Ports 10/100Mbps Industrial Ethernet switch. Din Rail Mounting Installation

3F,Block A3,Silicon Vally Industrial Park,Sili Rd,Guanlan,LongHua district, Shenzhen China,

www.benchu-group.net Tel:+86 755-23246531 Email: sales@benchu-group.net