

## P/N 21494: 8-port Gigabit Industrial Ethernet Switch



- 8 ports 10/100/1000Mbps Industrial Ethernet Switch;
- Industry standard design: -40-85 °C working temperature;
- Broadcast storm control, fan-less, low power consumption;
- IP40 Protection class, high strength metal housing

### Product Main Features

#### High reliability and safety

- Support IEEE802.1q, VLAN port isolation function
- IP40 Protection, broadcast storm protection, high strength metal housing
- Support AC power port lightning-proof function (the fourth lightning protection)
- Industry standard design: -40-85°C working temperature
- optional redundancy dual power input

#### Excellent Performance

- Support auto negotiation speed, F/H duplex mode, and auto send data control
- Input Voltage: 12VDC~36VDC, overload Current Protection
- Support IEEE802.3ax flow control for Full Duplex, back-pressure for Half Duplex mode
- 1K MAC address with auto-learning and auto-aging
- Energy-saving green design, low power consumption

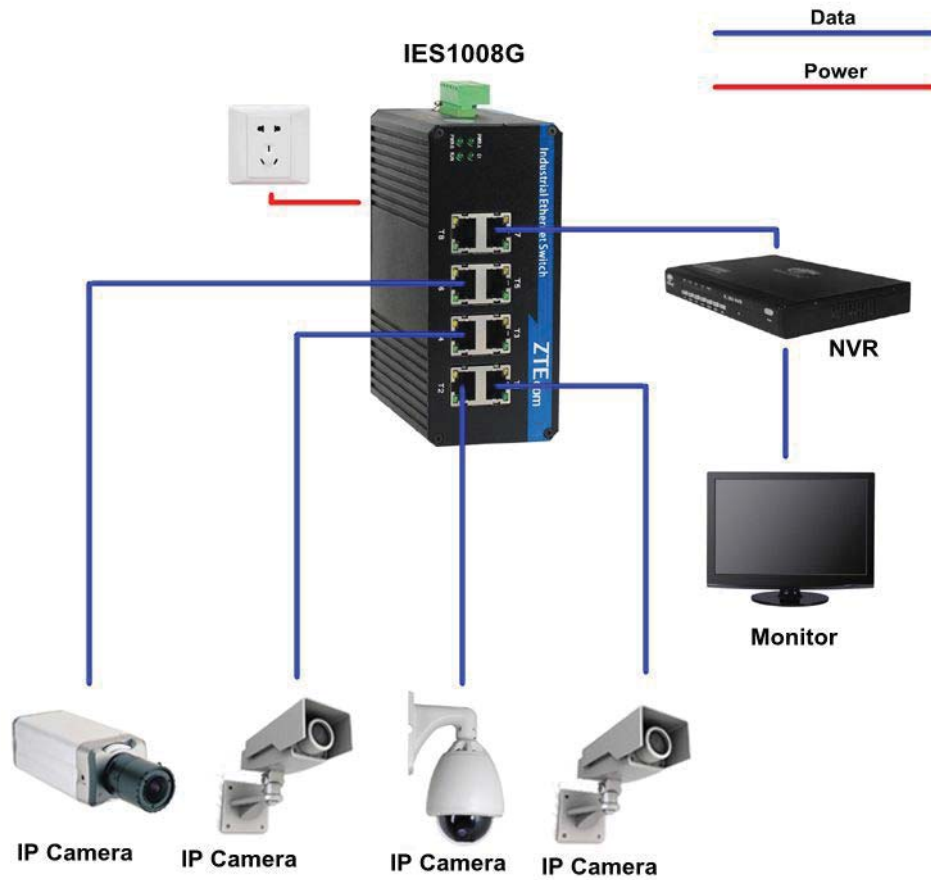
#### Flexible

- Plug & play design, easy to install, DIN-Rail mounting or wall mounting
- Fan-less, natural cooling, compact and quiet design

## Technical Specification

<b>Product Name</b>	8-port Gigabit Industrial Ethernet Switch
<b>Product Model</b>	21494
<b>Connector</b>	RJ45 Ports: 10/100/1000BaseT(X) auto connection, Full /Half duplex or force work mode, and support MDI/MDI-X connection
<b>Power</b>	Input Voltage: 12VDC~36VDC Overload Current Protection Connection: 3 bit terminal block
<b>Transfer Mode</b>	Store-And-Forward
<b>Forwarding and Filtrate Rate</b>	148810pps
<b>Network Medium</b>	10BASE-T: Cat3,4,5 UTP(≤100 meter) 100BASE-TX: Cat5 or more UTP (≤100 meter)
<b>MTBF</b>	190,000 hours (about 21 years)
<b>MAC Address Table</b>	UP to 1K MAC addresses Support auto-update, two-way learning
<b>Port Flow Control</b>	Back-pressure traffic control under Half-Duplex mode IEEE 802.3x traffic control under Full-Duplex mode
<b>Network standard</b>	IEEE 802.3 IEEE 802.3i, 10BASE-T IEEE 802.3u, 100BASE-TX IEEE 802.3ab, 1000BASE-T IEEE 802.3x, Full-Duplex Flow Control
<b>Environment</b>	Operating Temperature: -40°C~85°C Storage Temperature: -45°C~85°C Ambient Relative Humidity: 5% to 95% (non-condensing)
<b>Approvals</b>	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
<b>Safety</b>	FCC,CE, RoHS approvals
<b>Warranty</b>	5 years

## Product Typical Application



## Product Ordering Information

<b>Product Model</b>	21494
<b>Type</b>	8-port Gigabit Industrial Ethernet Switch
<b>Mechanical</b>	IP40 Protection, Metal case DIN-Rail/ Wall mounting
<b>Dimension/Weight</b>	60mm×112mm×138mm, 670g
<b>Package content</b>	21494 User Guide Warranty card