

- I-8610** 4-port Industrial 10 Mbps Ethernet Hub
- I-8620** 5-port Industrial 10/100 Mbps Ethernet switch
- I-8621** 5-port Industrial 10/100 Mbps Ethernet switch with Fiber Port



## INTRODUCTIONS

The I-8610/8620/8621 is an industrial-grade Ethernet hub/switch. It allows users to expand their industrial network faster and more cost-effectively. The I-8610 is a 4-port, 10 Mbps Ethernet hub, which has four ports connecting up to four Ethernet devices. The I-8620 is a 5-port, 10/100 Mbps Ethernet switch, which connects to up to 5 workstations and automatically detects either 10 Mbps or 100 Mbps connections. The I-8621 consists of one fiber optic and four RJ-45 ports. The fiber optic port can prevent noise interference from the system, and make the transmission distance up to 2 km. The I-8610/8620/8621 provide superior industrial grade design for more reliability and stability, making them very suitable for industrial environments, such as semi-conductor factories, inventory control environments, assembly lines, and production.

### Flexible Mounting

Due to its versatile and innovative design, the I-8610/8620/8621 can be positioned/mounted in three different ways: DIN rail, panel, and piggyback mounting. It's suitable for any industrial environment.

### Advanced Surge Protection for Power Input

The I-8610/8620/8621 supports a wide range of voltage, +10 ~30 V<sub>DC</sub> over the terminal block, which prevents any disconnection between the power cable and system. It provides 3000 V<sub>DC</sub> surge protection against being damaged by over-voltage. That makes the system safer and more reliable.

### Wide Operating Temperature Range

The operating temperature of the I-8610/8620 varies from -10 ~70°C (14° ~ 158°F), and the I-8621 from -10 ~ 65°C (14° ~ 149°F). This advantage permits workable functions in the harshest operating environments.

### Easy to Trouble-shoot

The six inclusive LED indicators make the I-8610/8620/8621 easier to troubleshoot. Each port has a pair of LEDs that indicate the link status and port activities. This function easily informs users of any collisions, link status, power failure, and data receipt for immediate on-site diagnostics.

## FEATURES

- ▶ Supports 1-port 100 Mbps multimode Fiber duplex SC & 4-port 10/100 Mbps RJ-45 connectors (I-8621)
- ▶ Supports full/half duplex flow control (I-8620/8621)
- ▶ Supports Integrated Loop-up engine (I-8620/8621)
- ▶ Supports MDI/MDI-X auto crossover (I-8620/8621)
- ▶ Provides broadcast storm protection (I-8620/8621)

### Common

- ▶ Supports +10~ 30 V<sub>DC</sub> voltage
- ▶ Provides surge protection 3000V<sub>DC</sub> for power line
- ▶ Provides flexible mounting: DIN rail, panel, piggyback
- ▶ Supports operating temperatures from -10 ~ 70°C

## SPECIFICATIONS

### Interface

<b>I-8610</b>	Network: 10Base-T Ethernet Port: 4 x 10 Mbps , 1 x 10 Mbps uplink Connector: RJ-45
<b>I-8620</b>	Network: 10/100Base-T Ethernet Port: 5 x 10/100 Mbps Connector: RJ-45
<b>I-8621</b>	Network: 10/100Base-T & 100Base-FX Ethernet Port: 4 x 10/100 Mbps (RJ-45), 1 x 100 Mbps (Fiber) Connector: 4 x RJ-45 & 1 x Fiber (SC type)

### Common

<b>Compatibility</b>	IEEE 802.3, IEEE 802.3u
<b>Surge Protection (Power)</b>	3000 V <sub>DC</sub>
<b>LED</b>	Power, 10/100 Mbps
<b>Transmission Distance (Fiber)</b>	2000 m
<b>Power Requirements</b>	Unregulated 10 to 30 V <sub>DC</sub>
<b>Power Consumption</b>	2 Watt (I-8610) 2.4 Watt (I-8620) 3.5 Watt (I-8621)
<b>Case</b>	ABS/PC with captive mounting hardware
<b>Mounting</b>	DIN-rail, panel mounting, piggyback stack
<b>Operating Temp.</b>	-10 to 70°C (14° ~ 158°F) (I-8610/8620) -10 to 65°C (14° ~ 149°F) (I-8621)
<b>Storage Temp.</b>	-20 to 80°C (-4° ~ 176°F)
<b>Operating Humidity</b>	20 to 95 % (non-condensing)
<b>Storage Humidity</b>	0 to 95 % (non-condensing)

## ORDERING INFORMATION

<b>I-8610</b>	4-port industrial 10 Mbps Ethernet hub
<b>I-8620</b>	5-port industrial 10/100 Mbps Ethernet switch
<b>I-8621</b>	5-port industrial 10/100 Mbps Ethernet switch with Fiber port