

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



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_{DC} voltage
- ✘ Provides surge protection 3000V_{DC} for power line
- ✘ Provides flexible mounting: DIN rail, panel, piggyback
- ✘ Supports operating temperatures from -10 ~ 70° C

SPECIFICATIONS

I-8610	Interface: Network: 10Base-T Ethernet Port: 4 x 10 Mbps , 1 x 10 Mbps uplink Connector: RJ-45
I-8620	Interface: Network: 10/100Base-T Ethernet Port: 5 x 10/100 Mbps Connector: RJ-45
I-8621	Interface: 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	
Compatibility	IEEE 802.3, IEEE 802.3u
Surge Protection (Power)	3000 V _{DC}
LED	Power, 10/100 Mbps
Transmission Distance (Fiber)	2000 m
Power Requirements	Unregulated 10 to 30 V _{DC}
Power Consumption	2 Watt (I-8610) 2.4 Watt (I-8620) 3.5 Watt (I-8621)
Case	ABS/PC with captive mounting hardware
Mounting	DIN-rail, panel mounting, piggyback stack
Operating Temp.	-10 to 70° C (14° ~ 158° F) (ADM-6510/6520) -10 to 65° C (14° ~ 149° F) (ADM-6521)
Storage Temp.	-20 to 80° C (-4° ~ 176° F)
Operating Humidity	20 to 95 % (non-condensing)
Storage Humidity	0 to 95 % (non-condensing)

ORDERING INFORMATION

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

INTRODUCTION

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

Flexible Mounting

Due to its versatile and innovative design, the I-8610/8620/8621 can be positioned/mounted 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 VDC over the terminal block, which prevents any disconnection between the power cable and system. Besides, it provides 3000 VDC 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 I-8621 from -10 ~ 65° C (14° ~149° F). This advantage permits workable function in the harshest operating environments.

Easy to Trouble-shoot

The six inclusive LED indicators make the I-8610/8620/8621 easier troubleshooting. Each port has a pair of LEDs that indicate 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.

* All specifications are subject to change without notice.



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