ADAM-6510
ADAM-6520

4-port Industrial 10 Mbps Ethernet Hub

5-port Industrial 10/100 Mbps Ethernet Switch



Features

- Supports full/half duplex flow control (ADAM-6520)
- Supports Integrated Loop-up engine (ADAM-6520)
- Supports MDI/MDI-X auto crossover (ADAM-6520)
- Provides broadcast storm protection (ADAM-6520)
- Supports +10 ~ 30 V_{DC} voltage power input
- Provides surge protection 3000V_{DC} for power line
- Provides flexible mounting: DIN rail, panel, piggyback
- Supports operating temperatures from -10 ~ 70° C

Introduction

The ADAM-6510/6520 is an industrial-grade Ethernet hub/switch. It allows users to expand their industrial network fast and cost-effectively. The ADAM-6510 is 4-port 10 Mbps Ethernet hub, which has four twisted pair ports to connect up to four Ethernet devices. The ADAM-6520 is a 5-port 10/100 Mbps Ethernet switch, which connects to 5 workstations and auto-senses either 10 Mbps or 100 Mbps connection. Moreover, the above products provide superior industrial grade design to assure reliability and stability. Thus, the ADAM-6510/6520 is especially suited for industrial environments with Ethernet networking needs: semi-conductor factories, inventory control environments, assembly lines, production and more.

Flexible Mounting

Due to its versatile and innovative design, the ADAM-6510/6520 can be positioned/mounted three different ways: DIN rail, panel and piggyback mounting; suitable for any industrial environment.

Advanced Surge Protection for Power Input

The ADAM-6510/6520 supports a wide voltage range of +10 ~ 30 V_{DC} over the terminal block, which prevents the power cable from any system disconnection. Besides, it also provides 3000 V_{DC} surge protection to protect it from being damaged by over-voltage. This makes the system safer and more reliable.

Wide Operating Temperature Range

The operating temperature of the ADAM-6510/6520 varies from -10 to 70° C (14 to 158° F). This permits it to be functional in harsh operating environments.

Easy to Trouble-shoot

The six inclusive LED indicators make troubleshooting of the ADAM-6510/6520 easier. Each port has a pair of LEDs that indicate link status and port activities. This easily informs users of any collisions, the link status, power failure and data receipts for immediate on-site diagnosis.

Specifications

Common

- **Compatibility** IEEE 802.3, IEEE 802.3u
- **Surge Protection** 3000 V_{DC} (Power)
- **LED** Power, 10/100 Mbps
- **Power Requirements** Unregulated 10 ~ 30 V_{DC}
- **Power Consumption** 2 Watt (ADAM-6510)
  2.4 Watt (ADAM-6520)
- **Case** ABS/PC with captive mounting hardware
- **Mounting** DIN-rail, panel mounting, piggyback stack
- **Operating Temperature** -10 ~ 70° C (14 ~ 158° F)
- **Storage Temperature** -20 ~ 80° C (-4 ~ 176° F)
- **Operating Humidity** 20 ~ 95 % (non-condensing)
- **Storage Humidity** 0 ~ 95 % (non-condensing)

ADAM-6510

- **Interface** Network: 10Base-T Ethernet
- **Port** 4 x 10 Mbps , 1 x 10 Mbps uplink
- **Connector** RJ-45

ADAM-6520

- **Interface** Network: 10/100Base-T Ethernet
- **Port** 5 x 10/100 Mbps
- **Connector** RJ-45

Ordering Information

- **ADAM-6510** 4-port Industrial 10 Mbps Ethernet Hub
- **ADAM-6520** 5-port Industrial 10/100 Mbps Ethernet Switch