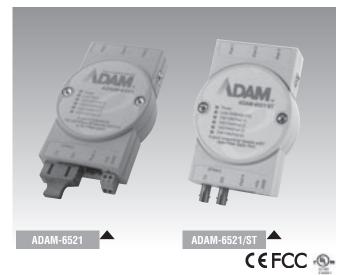
ADAM-6521 Series

Industrial Ethernet Switches with 4 x 10/100Base-TX Ports & 1 x 100Base-FX Fiber Optic Port



Features

- Provides 4 x 10/100 Mbps Ethernet ports with RJ-45 connector
- Provides 1 x 100 Mbps multi/single-mode fiber port with SC/ST connector
- Supports full/half duplex flow control
- Supports Integrated Loop-up engine
- Supports MDI/MDI-X auto crossover
- Provides broadcast storm protection
- Supports +10 ~ 30 V_{DC} voltage power input
- Provides surge (EFT) protection 3,000 V_{DC} for power line
- Supports 4,000 VDC Ethernet ESD protection
- Provides flexible mounting: DIN-rail, Wall, Stack
- Supports operating temperatures from -10 ~ 65° C

Introduction

ADAM-6521 and ADAM-6521S are industrial-grade Ethernet switch with a fiber optic port that makes it possible to expand industrial networks fast and cost-effectively. ADAM-6521 and ADAM-6521S of 1 fiber port and 4-RJ-45 ports. With fiber optics, you can prevent noise interfering with your system and implement transmission distances up to 15 km. ADAM-6521 and ADAM-6521S are especially suited for industrial environments with Ethernet networking needs such as: semi-conductor factories, inventory control environments, assembly line and production and more.

ADAM-6521 and ADAM-6521S support a wide voltage range of +10 ~ 30 V_{DC} over the terminal block, and 3,000 V_{DC} surge (EFT) protection to protect it from being damaged by over-voltage. A wide operating temperature range from -10 to 65° C (14 ~ 149° F), makes it functional in harsh operating environments. They also have six inclusive LED indicators which make troubleshooting the ADAM-6521 and ADAM-6521S easier. Each port has a pair of LEDs that indicate link status and transmission speed. This function conveniently informs users of any collisions, the link status, power failure and data receipts for immediate on-site diagnostics.

Specifications

Communications

 Standard LAN Transmission Distance 	IEEE 802.3, 802.3u, 802.3x 10/100Base-T, 100Base-FX Ethernet : Up to 100 m Multi-mode Fiber : Up to 2 km (ADAM-6521, ADAM-6521/ST) Single-mode Fiber : Up to 15 km (ADAM-6521S)		
 Transmission Speed 	Up to 100 Mbps		
Interface			
 Connectors 	4 x RJ-45, 1 x SC type fiber connector (ADAM-6521, ADAM-6521S) or 1 x ST type fiber connector (ADAM-6521/ST) 2-pin removable screw terminal (power)		
LED Indicators	Power, Link (100Base-FX), 100/10M (Ethernet)		
Power			
 Power Consumption 	ADAM-6521, ADAM-6521/ST: Max. 3 W ADAM-6521S: Max. 4 W		
 Power Input 	1 x Unregulated 10 ~ 30 V_{DC}		

Mechanism

- Dimensions (W x H x D) 70 x 112 x 27 mm
- Enclosure IP30, ABS+PC with solid mounting kits
- Mounting DIN 35 rail, Wall, Stack

Protection

•	ESD (Ethernet)	$4,000 V_{\text{DC}}$
•	Surge (EFT for power)	3,000 V _{DC}

Environment

 Operating Temperature -10 ~ 65° C (14 ~ 149° F) stack : -10 ~ 60° C (14 ~ 140° F)

-20 ~ 80° C (-4 ~ 176° F)

20 ~ 95% (non-condensing)

0 ~ 95% (non-condensing)

- Storage Temperature
- Operating Humidity
- Storage HumidityMTBF
 - 1,150,000 hrs

Certifications

- Safety
- EMC

UL 60950-1, CAN/CSA-C22.2 No.60950 U.S.A.: FCC Part 15 CISPR 22 EU: EN55011, EN61000-6-4 EN55022 Class A, EN61000-3-2/3, EN55024, IEC61000-4-2/3/4/5/6/8/11 EN61000-6-2

Ordering Information

- ADAM-6521
- ADAM-6521/ST
-
- ADAM-6521S

Industrial Ethernet Switch with 4 x 10/100Base-TX Ports & 1 Multi-mode SC Type Fiber Optic Port Industrial Ethernet Switch with 4 x 10/100Base-TX Ports & 1 Multi-mode ST Type Fiber Optic Port Industrial Ethernet Switch with 4 x 10/100Base-TX Ports & 1 Single-mode SC Type Fiber Optic Port



www.L-TronDirect.com

800-830-9523

info@L-Tron.com

596 Fishers Station Dr | Victor, NY | 14564 | Suite 1 A

Get in touch with us on social media!

www.L-Tron.com