

# AEIO-6521x - Industrial Ethernet Switches with (4) 10/100Base-TX Ports & (1) 100Base-FX Fiber-Optic Port

01/22/14



## Features

- Provides (4) 10/100 Mbps Ethernet ports w/ RJ-45 connectors
- Provides (1) 100 Mbps multi/single-mode fiber port w/ 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 VDC voltage power input
- Provides surge (EFT) protection 3,000 VDC for power line
- Supports 4,000 VDC Ethernet ESD protection
- Provides flexible mounting: DIN-rail, Wall, Stack
- Supports operating temperatures from -10 ~ 65°C

## Specifications

Communications		General	
<b>Standard</b>	IEEE 802.3 IEEE 802.3u IEEE 802.3x	<b>Dimensions</b>	70 x 112 x 27 mm (WxHxD)
<b>LAN</b>	10/100 Base-T 100 Base-FX	<b>Enclosure</b>	IP30 ABS+PC w/ solid mounting hardware
<b>Transmission Distance</b>	<b>Ethernet:</b> Up to 100 m <b>Multi-mode Fiber:</b> Up to 2 km (AEIO-6521,6521ST) <b>Single-Mode Fiber:</b> Up to 15 km (AEIO-6521S)	<b>Mounting</b>	DIN 35 rail, Stack, Wall
<b>Transmission Speed</b>	Up to 100 Mbps	<b>Operating Temperature</b>	-10 ~ 65°C (14 ~ 149°F) <b>Stack :</b> -10 ~ 60°C (14 ~ 140°F)
		<b>Storage Temperature</b>	-20 ~ 80°C (-4 ~ 176°F)
		<b>Operating Humidity</b>	20 ~ 95% (non-condensing)
		<b>Storage Humidity</b>	0 ~ 95% (non-condensing)
		<b>MTBF</b>	1,150,000 hrs
Interface		Protection	
<b>Connectors</b>	(4) RJ-45 (1) SC type fiber connector (AEIO-6521,6521S) or (1) ST type fiber connector (AEIO-6521/ST)	<b>ESD Protection</b>	4,000 VDC (Ethernet)
<b>LED Indicators</b>	Power Link (100 Base-FX) 10/100 Mbps (Ethernet)	<b>Surge Protection</b>	3,000 VDC (Power)
Power		Certifications	
<b>Power Connectors</b>	2-pin removable screw terminal	<b>Safety</b>	UL 60950-1 CAN/CSA-C22.2 No.60950
<b>Power Consumption</b>	<b>AEIO-6521,6521/ST</b> Max. 3 W <b>AEIO-6521S</b> Max 4 W	<b>EMC</b>	<b>U.S.A.:</b> FCC Part 15 CISPR22 <b>EU:</b> EN55011, EN61000-6-4 EN55022 Class A, EN61000-3-2/3, EN55024, IEC61000-4-2/3/4/5/6/8/11 EN61000-6-2
<b>Power Input</b>	(1) Unregulated 10 ~ 30 VDC		

