



Features

- Supports full/half duplex flow control
- Supports MDI/MDI-X auto crossover
- Provides broadcast storm protection
- Embedded with a switch controller, supports auto-negotiation
- Supports +10 ~ 30 VDC voltage power input
- Provides surge (EFT) protection 3,000 VDC for power line (AEIO-6520L not equipped)
- Supports 4,000 VDC Ethernet ESD protection
- Provides flexible mounting: DIN-rail, Stack, Wall
- Supports wide operating temperature range: -40 ~ 85°C (AEIO-6520I)

Specifications

Communications	
Standard	IEEE 802.3, 802.3u, 802.3x
LAN	10/100 Base-TX
Transmission Distance	Up to 100 m
Transmission Speed:	up to 100 Mbps

Interface	
Connectors	(5) RJ-45
LED Indicators	Power Link Status Link Speed Data receipts Collisions

Power	
Power Connectors	2-pin removable screw terminal
Power Consumption	AEIO-6520L: Max. 3W AEIO-6520/6520I: Max. 2.4 W
Power Input	1 x Unregulated 10 ~ 30 VDC

Protection	
ESD (Ethernet)	4,000 VDC (AEIO-6520L not equipped)
Surge (EFT for power)	3,000 VDC (AEIO-6520L not equipped)

General	
Dimensions (WxHxD)	70 x 102 x 27 mm
Enclosure	IP30 ABS+PC w/solid mounting hardware
Mounting	DIN 35 rail, stack, wall

Environment		
Operating Temperature	AEIO-6520	-10 ~ 70°C (14 ~ 158°F) Stack : -10 ~ 60°C (14 ~ 140°F)
	AEIO-6520L	0 ~ 60°C (32 ~ 140°F) Stack : -10 ~ 50°C (32 ~ 122°F)
	AEIO-6520I	-40 ~ 85°C (-40 ~ 185°F) Stack : -40 ~ 75°C (40 ~ 167°F)
Storage Temperature	AEIO-6520	-20 ~ 80°C (-4 ~ 176°F)
	AEIO-6520L	-10 ~ 70°C (14 ~ 158°F)
	AEIO-6520I	-50 ~ 95°C (-58 ~ 203°F)
Operating Humidity	20 ~ 95% (non-condensing)	
Storage Humidity	0 ~ 95% (non-condensing)	
MTBF	1,580,000 hrs	

Certifications	
Safety	UL 60950-1 CAN/CSA-C22.2 No. 60950
EMC	USA: 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



