



Features	
<ul style="list-style-type: none"> <li>• Supports full/half duplex flow control</li> <li>• Supports MDI/MDI-X auto crossover</li> <li>• Provides broadcast storm protection</li> <li>• Embedded with a switch controller, supports auto-negotiation</li> <li>• Supports +10 ~ 30 VDC voltage power input</li> <li>• Provides surge (EFT) protection 3,000 VDC for power line (AEIO-6520L not equipped)</li> <li>• Supports 4,000 VDC Ethernet ESD protection</li> <li>• Provides flexible mounting: DIN-rail, Stack, Wall</li> <li>• Supports wide operating temperature range: -40 ~ 85°C (AEIO-6520I)</li> </ul>	

## Specifications

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

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

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

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

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

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

Certifications	
<b>Safety</b>	UL 60950-1 CAN/CSA-C22.2 No. 60950
<b>EMC</b>	<b>USA:</b> FCC Part 15 CISPR 22 <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



