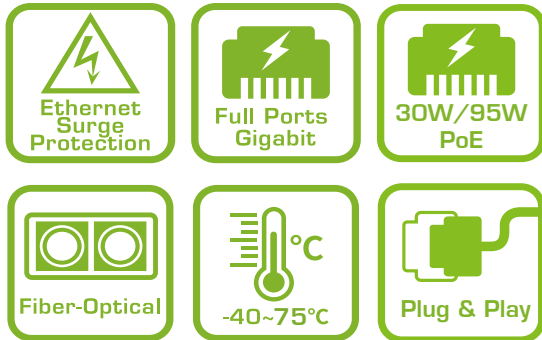


# M30/M31 series

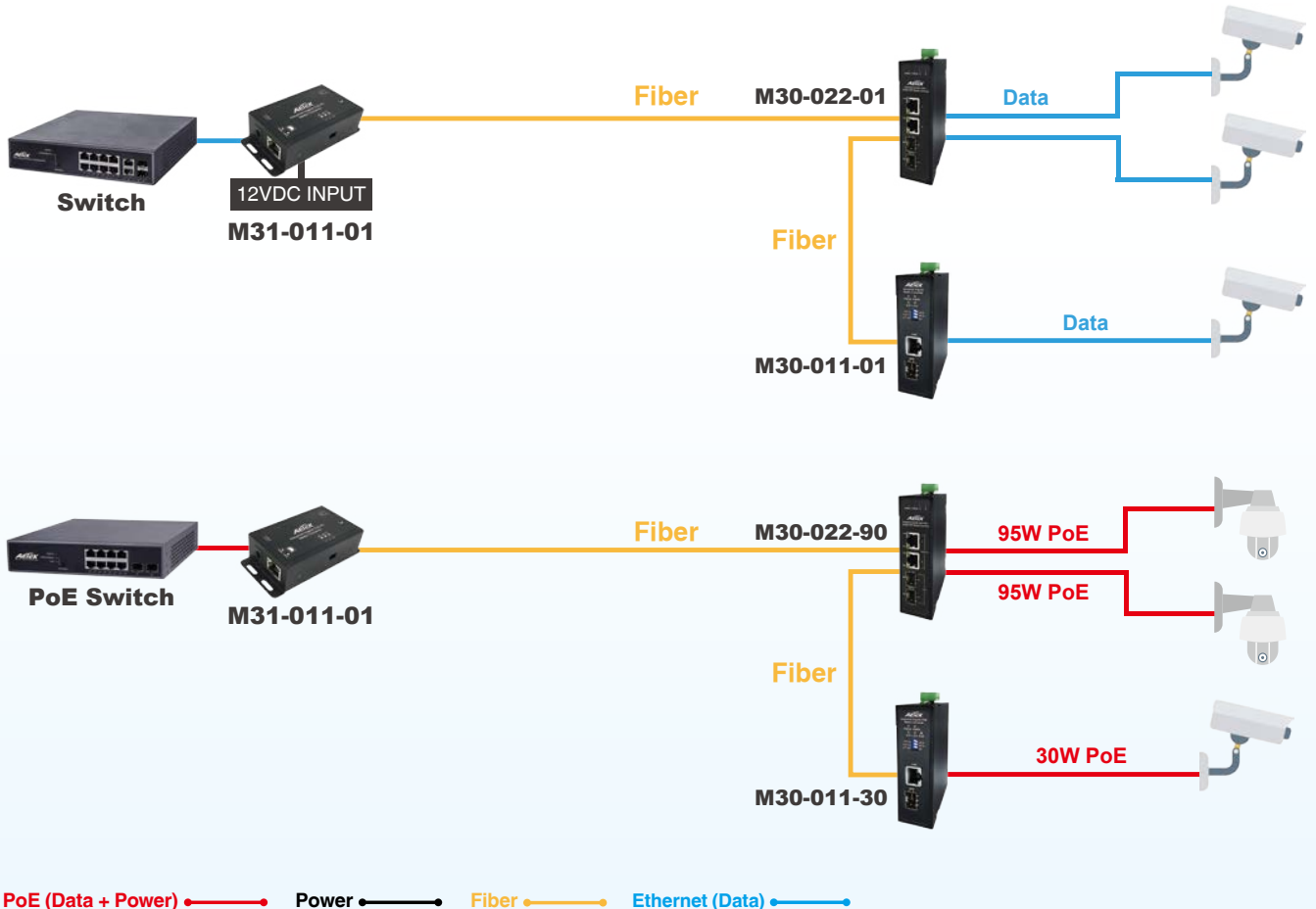
Industrial Gigabit PoE Media Converter



## Features

- Provide 30W/95W PoE output
- Flexible SFP transceiver port for uplink
- Operating temperature between -40°C and 75°C
- Supporting 10/100/1000Mbps data rates
- 12KV surge protection
- IEEE 802.3az Energy Efficient Ethernet standard for green power

## Applications



# Specifications

	M30-011-01	M30-022-01	M30-011-30	M30-022-90	M30-022-91	M31-011-01
<b>Ethernet</b>						
Gigabit Ethernet (RJ45)	1	2	1	2	2	1
Gigabit Ethernet (SFP)	1	2	1	2	2	1
LFP (Link Fault Passthrough)	supported	-	supported	-	-	supported
<b>PoE Function</b>						
Number of PoE In Ports	-	-	-	-	-	1
Number of PoE Out Ports	-	-	1x30W	2x95W PoH	2x90W bt	-
30W 802.3at	-	-	Supported	Supported	Supported	Supported
Over Current Protection	-	-	Supported	Supported	Supported	-
Circuit Shorting Protection	-	-	Supported	Supported	Supported	-
Total PoE Power Budget	-	-	30W	190W	180W	-
Power Pin Assignment	-	-	1/2(+), 3/6(-)	1/2 (-), 3/6 (+); 4/5 (+), 7/8 (-)	1/2 (-), 3/6 (+); 4/5 (+), 7/8 (-)	-
PoE PD Auto Detection	-	-	Supported	Supported	Supported	-
Surge Protection	12KV	12KV	12KV	12KV	12KV	-
<b>General</b>						
LED Indicators	Power, LAN, SFP	Power, LAN, SFP	Power, PoE, SFP, LAN	Power, PoE, SFP, LAN	Power, PoE, SFP, LAN	Power, PoE, SFP, LAN
Power Input	Redundant Dual 18V-36VAC or 12V-56VDC Power Input	Redundant Dual 12V-56VDC Power Input	Redundant Dual 48 ~ 56VDC Power Input	Redundant Dual 48 ~ 56VDC Power Input	Redundant Dual 48 ~ 56VDC Power Input	PoE PD Class 0 or 12VDC Power Input
Power Consumption	3W	3W	5W	5W	5W	3W
Housing	IP30	IP30	IP30	IP30	IP30	IP30
Installation	Din-rail Mounting and Wall Mounting	Din-rail Mounting and Wall Mounting	Din-rail Mounting and Wall Mounting	Din-rail Mounting and Wall Mounting	Din-rail Mounting and Wall Mounting	Wall Mounting
Dimensions	81.5(L) x 30(W) x 100(H) mm	87(L) x 33(W) x 120(H) mm	81.5(L) x 30(W) x 100(H) mm	87(L) x 33(W) x 120(H) mm	87(L) x 33(W) x 120(H) mm	103.9(L) x 48.9(W) x 28.2(H) mm
Weight	0.27 kg	0.19 kg	0.29 kg	0.3 kg	0.3 kg	0.18 kg
Operating Temperature	-40°C ~ 75°C	-40°C ~ 75°C	-40°C ~ 75°C	-40°C ~ 75°C	-40°C ~ 75°C	-40°C ~ 75°C
Storage Temperature	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C	-40°C ~ 85°C
Humidity	Operating: 5~95% (Non-condensing) Storage: 5~95% (Non-condensing)	Operating: 5~95% (Non-condensing) Storage: 5~95% (Non-condensing)	Operating: 5~95% (Non-condensing) Storage: 5~95% (Non-condensing)	Operating: 5~95% (Non-condensing) Storage: 5~95% (Non-condensing)	Operating: 5~95% (Non-condensing) Storage: 5~95% (Non-condensing)	Operating: 5~95% (Non-condensing) Storage: 5~95% (Non-condensing)
Safety Certifications	CE, C-Tick, FCC, VCCI	CE, C-Tick, FCC, VCCI	CE, C-Tick, FCC, VCCI	CE, C-Tick, FCC, VCCI	CE, C-Tick, FCC, VCCI	CE, C-Tick, FCC, VCCI

## Optional Accessories

Industrial SFP Modules	
 <p><b>SFP-ISX-X5</b> Industrial Gigabit SFP Transceiver</p> <ul style="list-style-type: none"> <li>• MMF</li> <li>• 0.5 km</li> <li>• -40°C ~ -85°C</li> </ul>	 <p><b>SFP-ISX-02</b> Industrial Gigabit SFP Transceiver</p> <ul style="list-style-type: none"> <li>• MMF</li> <li>• 2 km</li> <li>• -40°C ~ -85°C</li> </ul>
 <p><b>SFP-ILX-10</b> Industrial Gigabit SFP Transceiver</p> <ul style="list-style-type: none"> <li>• SMF</li> <li>• 10 km</li> <li>• -40°C ~ -85°C</li> </ul>	 <p><b>SFP-ILX-40</b> Industrial Gigabit SFP Transceiver</p> <ul style="list-style-type: none"> <li>• SMF</li> <li>• 40 km</li> <li>• -40°C ~ -85°C</li> </ul>
 <p><b>SFP-ITX-X1</b> Industrial Gigabit SFP Transceiver</p> <ul style="list-style-type: none"> <li>• SFP</li> <li>• 100 km</li> <li>• -40°C ~ -85°C</li> </ul>	
Industrial Power Supply	
 <p><b>NDR-120-48</b> Indoor Industrial Din Rail Power Supply 100~240VAC input 120W / 48~55VDC output -20°C ~ 70°C</p>	 <p><b>NDR-240-48</b> Indoor Industrial Din Rail Power Supply 100~240VAC input 240W / 48~55VDC output -20°C ~ 70°C</p>
Industrial Power Supply	Accessories
 <p><b>MDR-10-12</b> Indoor Industrial Din Rail Power Supply 100~240VAC input 10W / 12VDC output -20°C ~ 70°C</p>	 <p><b>CH-110-V2</b> 19", 1U 8-bay rack mount chassis For M31-011-01 use</p>