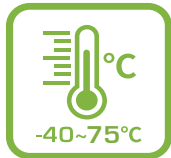
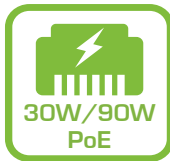
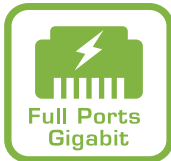


M30/M31 series

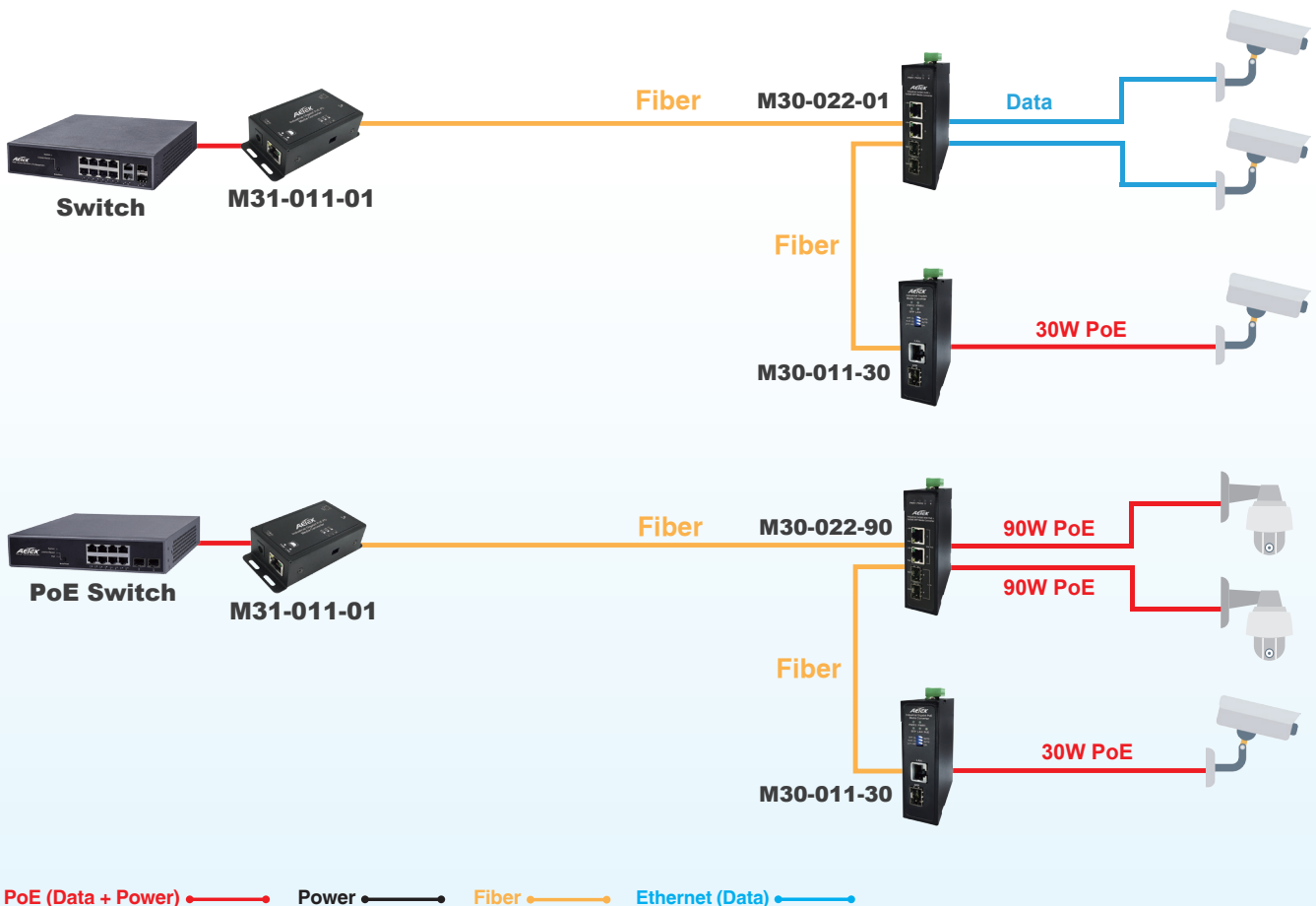
Industrial Gigabit PoE Media Converter



Features

- Provide 30W/90W PoE output
- Flexible SFP transceiver port for uplink
- Operating temperature between -40°C and 75°C
- Supporting 10/100/1000Mbps data rates
- 6KV 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-V2	M31-011-01
Ethernet						
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
PoE Function						
Number of PoE In Ports	-	-	-	-	-	1
Number of PoE Out Ports	-	-	1x30W	2x90W 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	6KV	6KV	6KV	6KV	6KV	-
General						
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	DC: 48V ~ 56V for 30W at/af DC: 52 ~ 56VDC for 90W PoH	DC: 48V ~ 56V for 30W at/af DC: 52 ~ 56VDC for 90W bt	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 (L x W x H)	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				
 SFP-ISX-X5 Industrial Gigabit SFP Transceiver • MMF • 0.5 km • -40°C ~85°C	 SFP-ISX-02 Industrial Gigabit SFP Transceiver • MMF • 2 km • -40°C ~85°C	 SFP-ILX-10 Industrial Gigabit SFP Transceiver • SMF • 10 km • -40°C ~85°C	 SFP-ILX-40 Industrial Gigabit SFP Transceiver • SMF • 40 km • -40°C ~85°C	 SFP-ITX-X1 Industrial Gigabit SFP Transceiver • SFP • 100 km • -40°C ~85°C

Industrial Power Supply			Accessories
 DRL-48V120W1EN Indoor Industrial Din Rail Power Supply 120W / 48V	 DRL-48V240W1EN Indoor Industrial Din Rail Power Supply 240W / 48V	 DRL-48V480W1EN Indoor Industrial Din Rail Power Supply 480W / 48V	 CH-110-V2 19", 1U 8-bay rack mount chassis For M31-011-01 use

Industrial Power Supply	
 MDR-10-12 Indoor Industrial Din Rail Power Supply 100~240VAC input 10W / 12VDC -20°C ~ 70°C	 MDR-40-48 Indoor Industrial Din Rail Power Supply 100~240VAC input 40W / 48VDC -20°C ~ 70°C