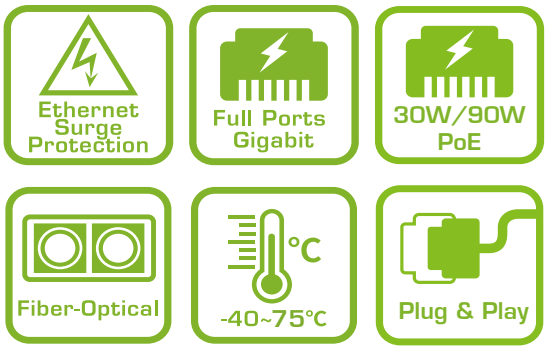
M30/M31 series

Industrial Gigabit PoE Media Converter

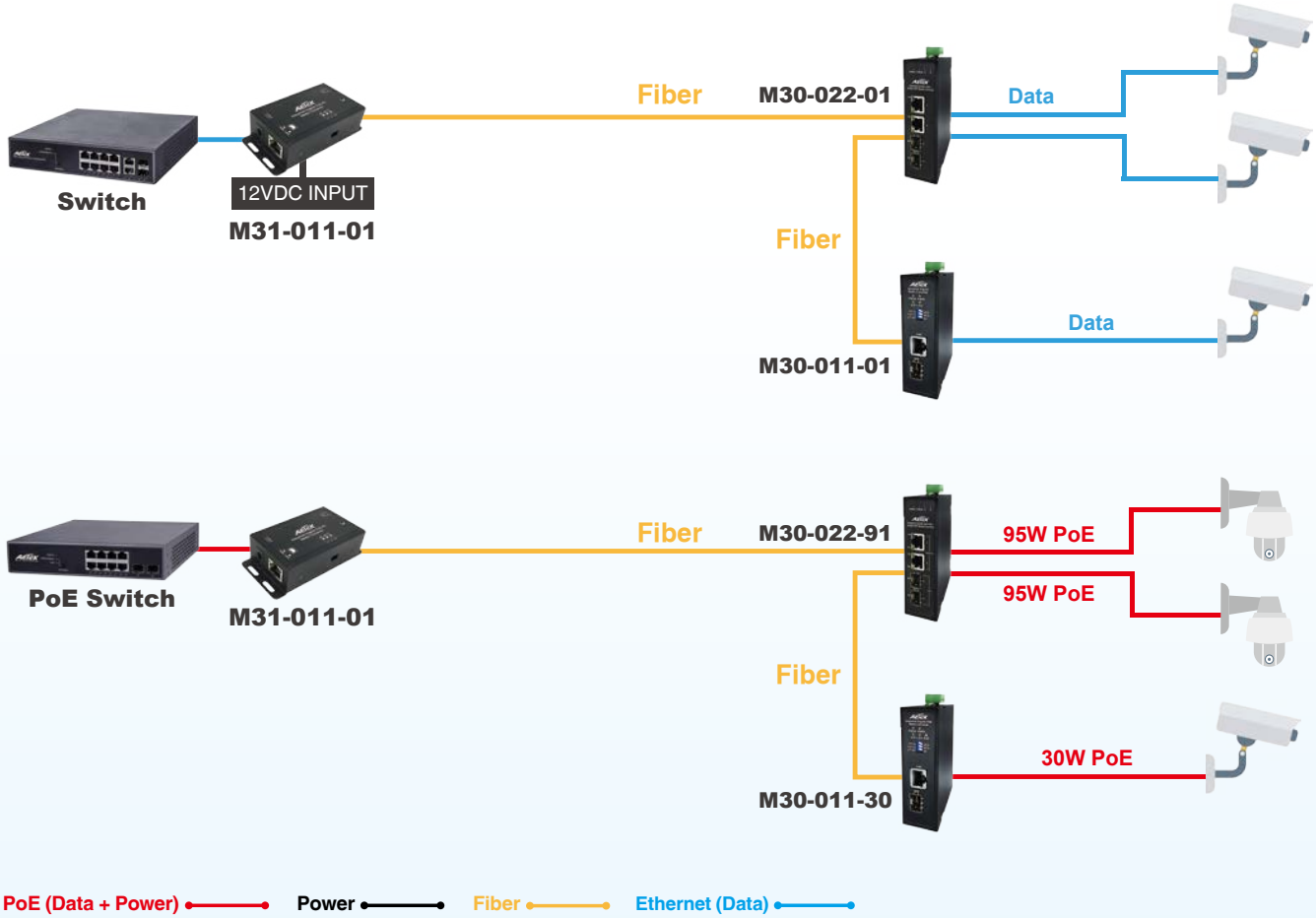




Features

- 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
- 12KV surge protection
- IEEE 802.3az Energy Efficient Ethernet standard for green power

Applications



Specifications

	M30-011-01	M30-022-01	M30-011-30	M30-022-91	M31-011-01
Ethernet					
Gigabit Ethernet (RJ45)	1	2	1	2	1
Gigabit Ethernet (SFP)	1	2	1	2	1
LFP (Link Fault Passthrough)	supported	-	supported	-	supported
PoE Function					
Number of PoE In Ports	-	-	-	-	1
Number of PoE Out Ports	-	-	1x30W	2x90W bt	-
30W 802.3at	-	-	Supported	Supported	Supported
Over Current Protection	-	-	Supported	Supported	-
Circuit Shorting Protection	-	-	Supported	Supported	-
Total PoE Power Budget	-	-	30W	180W	-
Power Pin Assignment	-	-	1/2(+), 3/6(-)	1/2 (-), 3/6 (+); 4/5 (+), 7/8 (-)	-
PoE PD Auto Detection	-	-	Supported	Supported	-
Surge Protection	12KV	12KV	12KV	12KV	-
General					
LED Indicators	Power, LAN, SFP	Power, LAN, SFP	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	PoE PD Class 0 or 12VDC Power Input
Power Consumption	3W	3W	5W	5W	3W
Housing	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	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	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	0.18 kg
Operating Temperature	-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
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)
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

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



NDR-120-48
Indoor Industrial Din Rail Power Supply
100~240VAC input
120W / 48~55VDC output
-20°C ~ 70°C



NDR-240-48
Indoor Industrial Din Rail Power Supply
100~240VAC input
240W / 48~55VDC output
-20°C ~ 70°C

Industrial Power Supply



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

Accessories



CH-110-V2
19'', 1U 8-bay rack mount chassis
For M31-011-01 use

AETEK INC. Specifications are subject to change without notice. AETEK are aregistered trademark of AETEK INC.and its overseas subsidiaries.All other trademarksbelong to their respective owners.

Copyright© AETEK INC. All rights reserved. Ver. 1

10F, No.168, Lien-Cheng Rd., Chung-Ho, New Taipei City, 235, Taiwan, R.O.C. T: +886-2-82452822 E:sales@aetektec.com W: www.aetektec.com