INTRODUCTION

The M30-011-30 is a rugged Gigabit Media Converter designed for critical and space-limited outdoor applications. Designed for IP surveillance, traffic monitoring, and security applications in critical environments, the converter can deliver a 30W output on Ethernet port. The power input support 48-56VDC, and an operating temperature ranging from -40°C to 75°C.

PACKAGE CONTENTS

* 1x PoE Media Converter	* 1x Quick Installation Guide
* 1x 4-pin terminal block	* 1x DIN rail bracket

⚠ IMPORTANT:

1. Install the converter in a ventilated and dry place that is free of electromagnetic source, vibration, moisture, and dust.
2. Make sure the ventilation openings on the converter are not blocked.
3. Use fiber optic cables and transceiver compliant with the following: Multi-mode: 50/125um, 62.5/125um, 850/1310nm; Single-mode: 9/125um ,1310/1550nm.
4. DC input: 48V~56VDC. Follow the printed polarity for V+, V-, and Ground.

CONNECTION

LC

AC-to-DC power
100~240 VAC IN

VDC: 48V ~ 56V
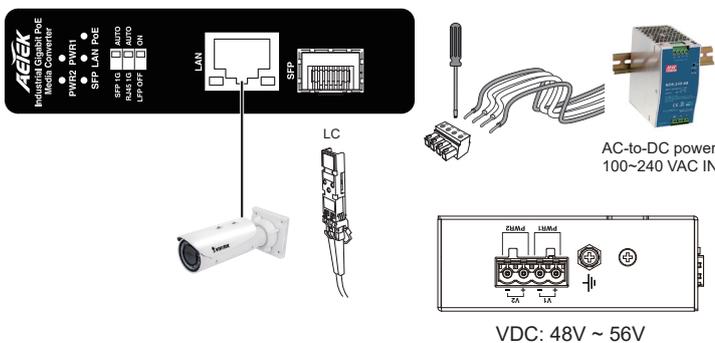
1. Pull out the 4-pin terminal block.
2. Connect wires to V+ and Ground.
3. Connect an SFP transceiver to the fiber port.
4. install the 4-pin terminal block. You can connect redundant power line pairs for fault tolerance.

Solid or stranded (AWG): 12-24/14-22.
Wire strip length: 7-8mm
Torque: 5lb-In/0.5Nm/0.56Nm.

WARNING - Always ground the power source to maintain a clean power input.
- Always shut off power source before connecting power wires.
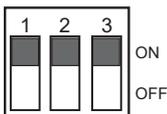
DIP 1	ON	SFP speed Auto (default)
	OFF	SFP speed 1000Mbps
DIP 2	ON	RJ45 speed Auto (default)
	OFF	RJ45 speed 1000Mbps
DIP 3	ON	Enable LFP function.
	OFF	Disable LFP (Link Fault Pass through) (default)

LED DEFINITIONS

POWER PW1/PW2	Green ON	Power is on and normal.
SFP Port Green	Green ON	Fiber is attached.
	Green Flashing	Data is being transmitted / received.
LAN port Green	Green ON	TX link is detected.
	Green Flashing	Data is being transmitted or received.
PoE port Amber	Amber ON	PSE is activated and PD is detected.
	Amber OFF	PoE OFF