



Quick Installation Guide

INTRODUCTION

The M30-011-01 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 features a wide range of VAC and VDC input range, and an operating temperature ranging from -40°C to 75°C.

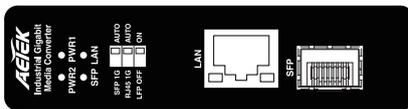
PACKAGE CONTENTS

* 1x media converter	* 1x Quick Installation Guide
* 1x 4-pin terminal block	* 1x DIN rail bracket

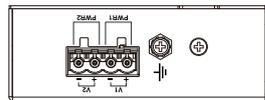
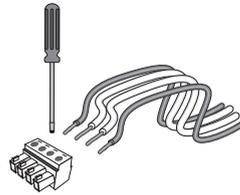
IMPORTANT:

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. AC input (18~36V/AC, 50~60Hz), DC input (12V~56VDC). Follow the printed polarity for V+, V-, and Ground.

CONNECTION



LC

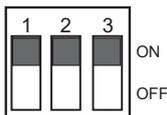


VDC or VAC
VDC: 12V ~ 56V
VAC: 18V ~ 36V

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.

All specifications are subject to change without notice.
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