AW-IHU-0200 Industrial UPoE Switch
Quick Installation Guide

INTRODUCTION

The AW-IHU-0200 is a rugged Gigabit switch 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 60W output on Ethernet port. The converter features a wide range of VAC and VDC input range, and an operating temperature ranging from -40°C to 75°C.
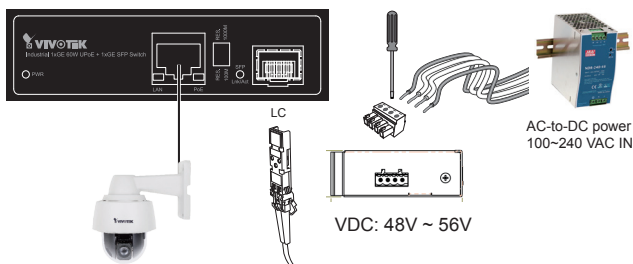
PACKAGE CONTENTS

* 1x PoE switch	* 1x Quick Installation Guide
* 2x wall mount brackets	* 1x DIN rail bracket
* 1x 4-pin terminal block	

⚠ 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.
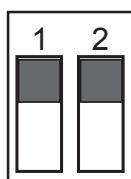
CONNECTION

LC

AC-to-DC power
100~240 VAC IN

VDC: 48V ~ 56V

1. Pull out the 4-pin terminal block.
2. Connect positive wires to V+, negative wires to V-, and neutral wire to the ground screw.
   Connect the 24V DC @1A pins to external devices.
   When 2 power pins are connected, the relay is shorted. When any of them is diconnected, the relay connection is open.
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	OFF	no use, reserved.
	ON	
DIP 2	OFF	1000Mbps speed for SFP port (default)
	ON	100Mbps speed for SFP port

LED DEFINITIONS

POWER	Green ON	Power is on and normal.
Fiber Link/ Act	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 Flasing	SFP data is being transmitted or received.