AW-IHU-0600 Industrial UPoE Switch

Quick Installation Guide

INTRODUCTION

The AW-IHU-0600 is a rugged media PoE switch designed for delivering a max. of 60 watts to powered devices. The fiber uplink port can be used to extend the connection to a remote site. With its multi-purpose design, it is fit for IP surveillance, traffic monitoring, and security applications in critical environments. The machine features a total budget of 240 watts and a wide range of operating temperatures ranging from -40°C to 75°C.
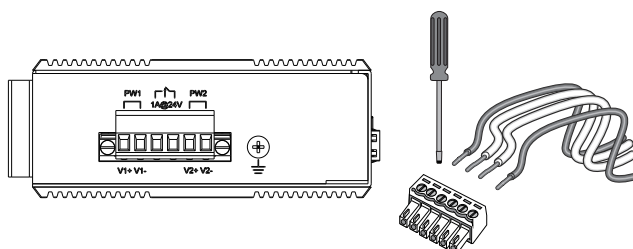
PACKAGE CONTENTS

* 1x PoE switch	* 1x Quick Installation Guide	* 1x 6-pin terminal block
* 2x wall mount brackets	* 1x DIN rail bracket	

⚠ IMPORTANT:

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

CONNECTION

1. Pull out the 6-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 SFP transceivers and fiber cables to the fiber ports.
4. Install the 6-pin terminal block.

WARNING - Always ground the power source to maintain a clean power input.
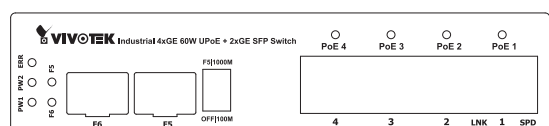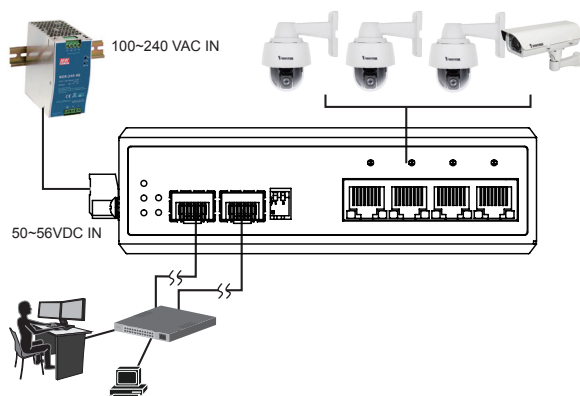- Always shut off power source before connecting power wires.

no use 1000M

100M

IMPORTANT -
Note that the configuration change only takes effect after a power cycle.

DIP 2	1000M	The F5/F6 port in the Gigabit mode (default)
	100M	The F5/F6 fiber port in the 100Mbit mode.

LED DEFINITIONS

PW1	ON	When power is connected.
PW2	ON	When power is connected.
ERR (relay)	OFF	When both PW1 and PW2 are connected.
	ON	Only PW1 or PW2 is connected.
F5	ON	Port 5 fiber is detected.
	OFF	Port 5 fiber is not detected.
	Flashing	Data is being transmitted or received.
F6	ON	Port 6 fiber is detected.
	OFF	Port 6 fiber is not detected.
	Flashing	Data is being transmitted or received.
Link	ON	TX link is detected.
	OFF	Link is not detected.
	Flashing	Port is active.
SPD	ON	1000M speed is detected.
	OFF	10/100M speed is detected.
PoE1~4	ON	PD is detected on the designated port.
	OFF	No PD is detected.