

AW-IHT-0500 Industrial PoE Switch

AW-IHT-0501

AW-IHT-0502

Quick Installation Guide

INTRODUCTION

The AW-IHT-0500 series is a rugged media PoE switch designed for delivering a max. of 30 watts to powered devices. The optional TX or FX 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 126 watts and a wide range of operating temperatures ranging from -40°C to 75°C.

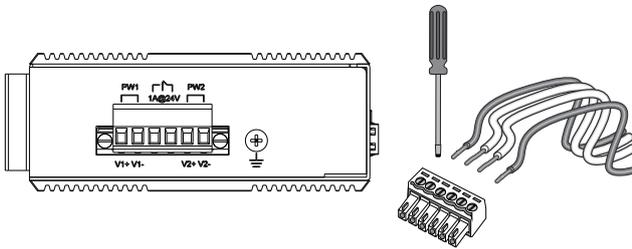
PACKAGE CONTENTS

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

⚠ IMPORTANT:

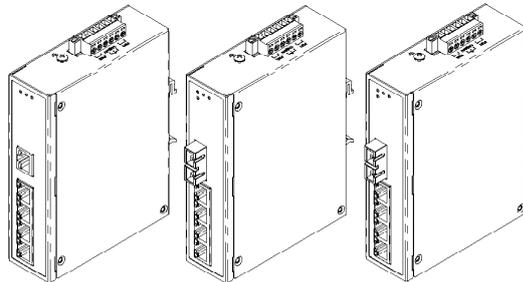
1. Install the switch in a ventilated and dry place that is free of electromagnetic source, vibration, moisture, and dust.
2. Make sure the ventilation openings on the switch are not blocked.
3. Use fiber optic cables and transceiver compliant with the following: Multi-mode: 50/125um, 62.5/125um, 850nm; Single-mode: 9/125um, 1310nm.
4. DC input (44V~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@1A pins to external devices. When 2 power pins are connected, the relay is shorted. When any of them is disconnected, the relay connection is open.
3. Connect SC fiber to the fiber port.
4. Install the 6-pin terminal block.

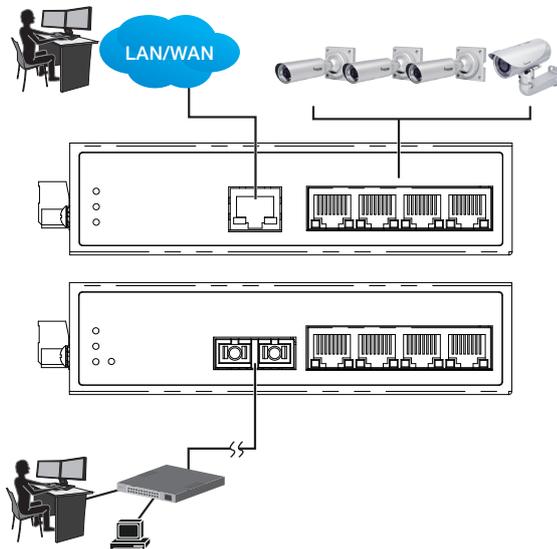
WARNING - Always ground the power source to maintain a clean power input.



AW-IHT-0500
4x PoE LAN and 1x Ethernet uplink

AW-IHT-0501
4x PoE LAN and 1x SC fiber (multi-mode)

AW-IHT-0502
4x PoE LAN and 1x SC fiber (single-mode)



LED DEFINITIONS

PW1	ON	When power is connected.
PW2	ON	When power is connected.
ERR (relay)	ON	When both PW1 and PW2 are connected.
	OFF	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.
Link	ON	TX link is detected.
	OFF	Link is not detected.
	Flashing	Port is active.
PoE	ON	PD is detected.
	OFF	No PD is detected.