H42-042-30-075

Industrial Gigabit IP67/IK10 Adjustable 24V/56VDC PoE Switch

- AC Power Surge Protection
- Ethernet Surge Protection
- 30W PoE
- 24V or 56V PoE Output
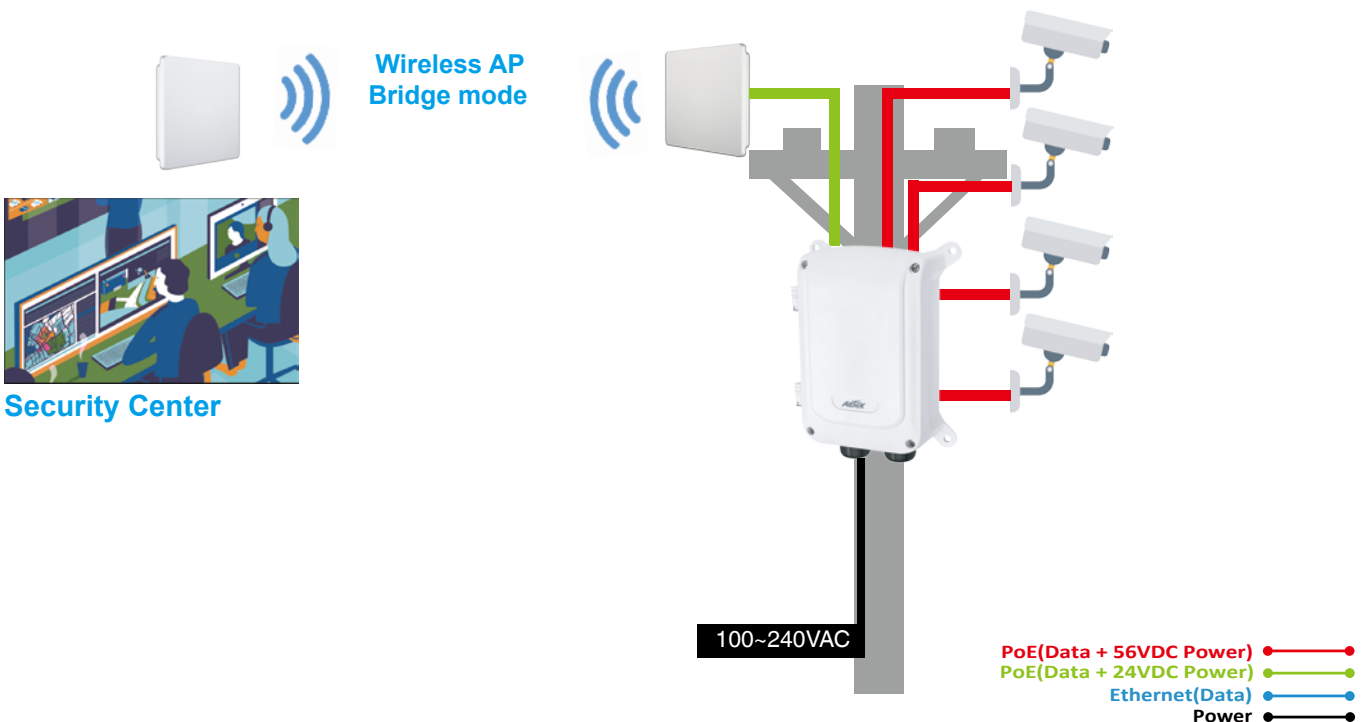- Full Ports Gigabit
- Fiber-Optical
- -40~65°C
- IP67
- IK10
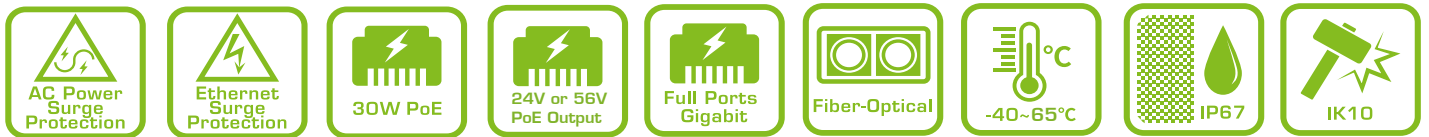
The H42-042-30-075 is Industrial Gigabit Adjustable PoE Switch designed with IP67 & IK10, 6KV PoE Ethernet port surge protection, 10KV surge protection in AC power, and operation temperature between -40°C and 65°C during harsh weather conditions. They enable outdoor connections of PoE PDs to the network such as outdoor IP cameras, wireless APs, and other industrial applications. The H42-042-40-075 provides 4 ports Gigabit PoE with 1 port Gigabit adjustable 24VDC or 56VDC PoE as well as additional SFP transceiver slots for flexible uplink. The H42-042-30-075 as easy-to-install power source equipment (PSE) and provide power up to 30W per port.

Features

- Adjustable 24W@24VDC or 56VDC PoE port x1
- Flexible SFP transceiver port for uplink
- IP67 standard
- IK10 impact rated cast aluminum housing
- Operating temperature between -40°C and 65°C

- 30W@56VDC IEEE802.3at PoE port x4
- Supporting 10/100/1000Mbps data rates
- 6KV PoE surge protection
- IEEE 802.3az Energy Efficient Ethernet standard for green power

Applications

Wireless AP Bridge mode

Security Center

100~240VAC

PoE(Data + 56VDC Power)
PoE(Data + 24VDC Power)
Ethernet(Data)
Power

Specifications

	H42-042-30-075
Networking Specifications	
Total Gigabit Ports	6
Gigabit 802.3 at PoE Port (10M/100M/1G)	30W@56VDC x4
Gigabit 24VDC or 56VDC PoE Port (10M/100M/1G)	Adjustable 24W@24VDC or 56VDC x1
Gigabit SFP Slot	1
Forwarding Capacity	11.904Mpps
Mac Table	8k
Jumbo Frames	9,216 Bytes
Switching Capacity	12 Gbps
Power Specifications	
Input Voltage	100VAC ~ 240VAC 280VAC 4hr 300VAC 1min.
Backup Power Input Voltage	48~56VDC
Output Voltage Range / port 1~port 4	56 VDC PoE IEEE 802.3af (Max. 15.4W) output PoE+ IEEE802.3at (Max. 30W) output
Output Voltage Range / port 5	Adjustable 24W@24VDC or 56VDC x1
Power Budget	75W
Surge Protection /each PoE Port	6KV
Surge Protection for AC power	10KV
Mechanical Specifications	
Dimensions (WxHxD)	255.2 x 199.9 x 130 mm
Weight	3.2 kg (7.05 lb)
Connectors	M25 x 2
Environmental Specifications	
Weather Rating	IP67
Vandal Proof	IK10
Operating Temperature	-40°C ~ 65°C (-40°F ~ 149°F)
Storage Temperature	-40°C ~ 85°C (-40°F ~ 185°F)
Operating Humidity	5% ~ 95% non-condensing
Certifications	
EMC	CE, FCC, VCCI, C-Tick Class A
Safety	EN60950-1, IEC60950-1
Surge	EN61000-4-5

Optional Accessories

SFP Modules			
SFP-ISX-X5 Industrial Gigabit SFP Transceiver • MMF • 0.5 km • -40°C ~85°C	**SFP-ISX-02** Industrial Gigabit SFP Transceiver • MMF • 2 km • -40°C ~85°C	**SFP-ILX-10** Industrial Gigabit SFP Transceiver • SMF • 10 km • -40°C ~85°C	**SFP-ILX-40** Industrial Gigabit SFP Transceiver • SMF • 40 km • -40°C ~85°C

Pole Mount Brackets		Corner Mount Bracket
AT-100 Pole Mount Adapter	**AT-101** Pole Mount Adapter	**AT-200** Corner Mount Adapter