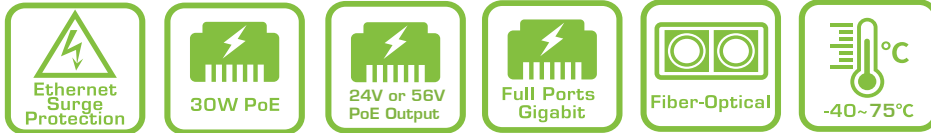


# H32-042-30-V2

## Industrial 4-Port PoE+ Switch with Adjustable 24V/56VDC Passive PoE



The H32-042-30-V2 is an Industrial Gigabit Adjustable PoE Switch, engineered for reliable performance in harsh environments. Designed with a rugged IP30-rated metal housing, 6kV PoE surge protection, and wide operating temperatures from -40°C to +75°C, it ensures reliable operation in outdoor and industrial applications.

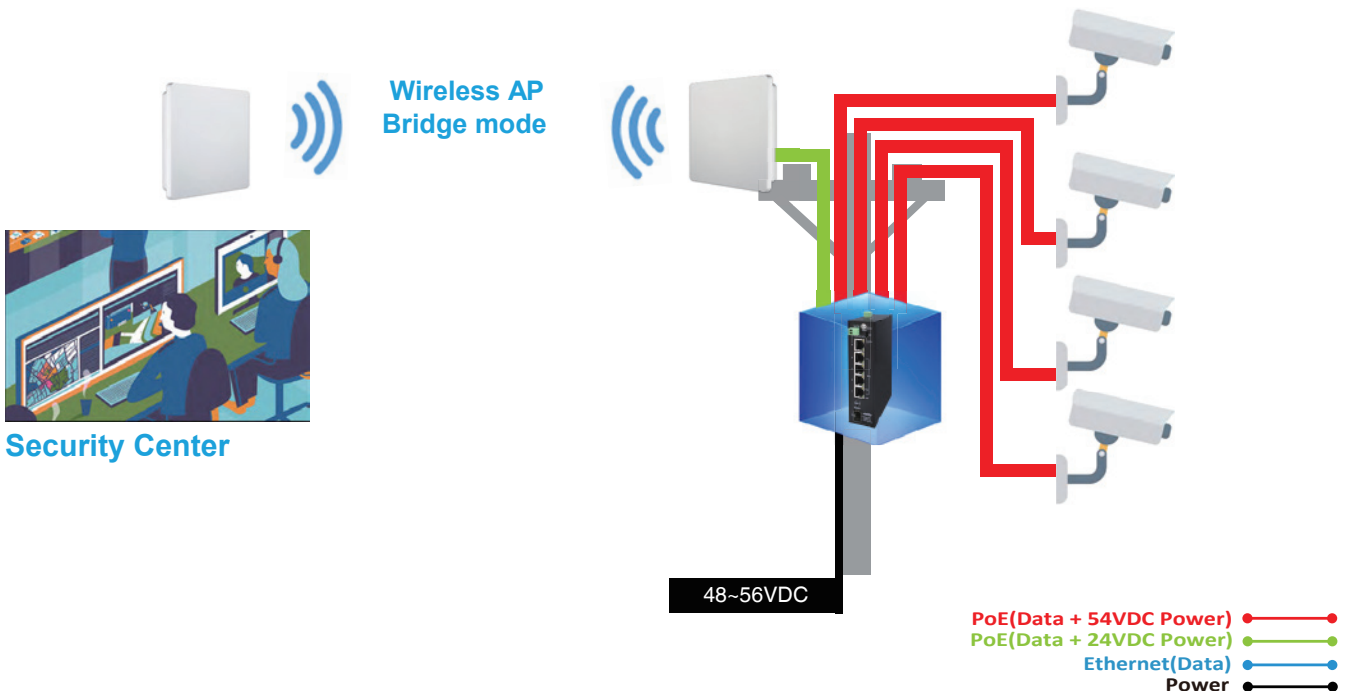
The switch features 4 Gigabit PoE ports and 1 adjustable PoE port supporting 24VDC or 56VDC Passive PoE, making it highly versatile for powering a range of devices — from outdoor IP cameras and wireless APs to other industrial PoE-powered equipment. Additionally, it offers SFP transceiver slots for flexible fiber uplink connectivity.

As a reliable power sourcing equipment (PSE), the H32-042-30-V2 delivers up to 30W per port, ensuring ample power for IEEE 802.3af/at compliant devices and more.

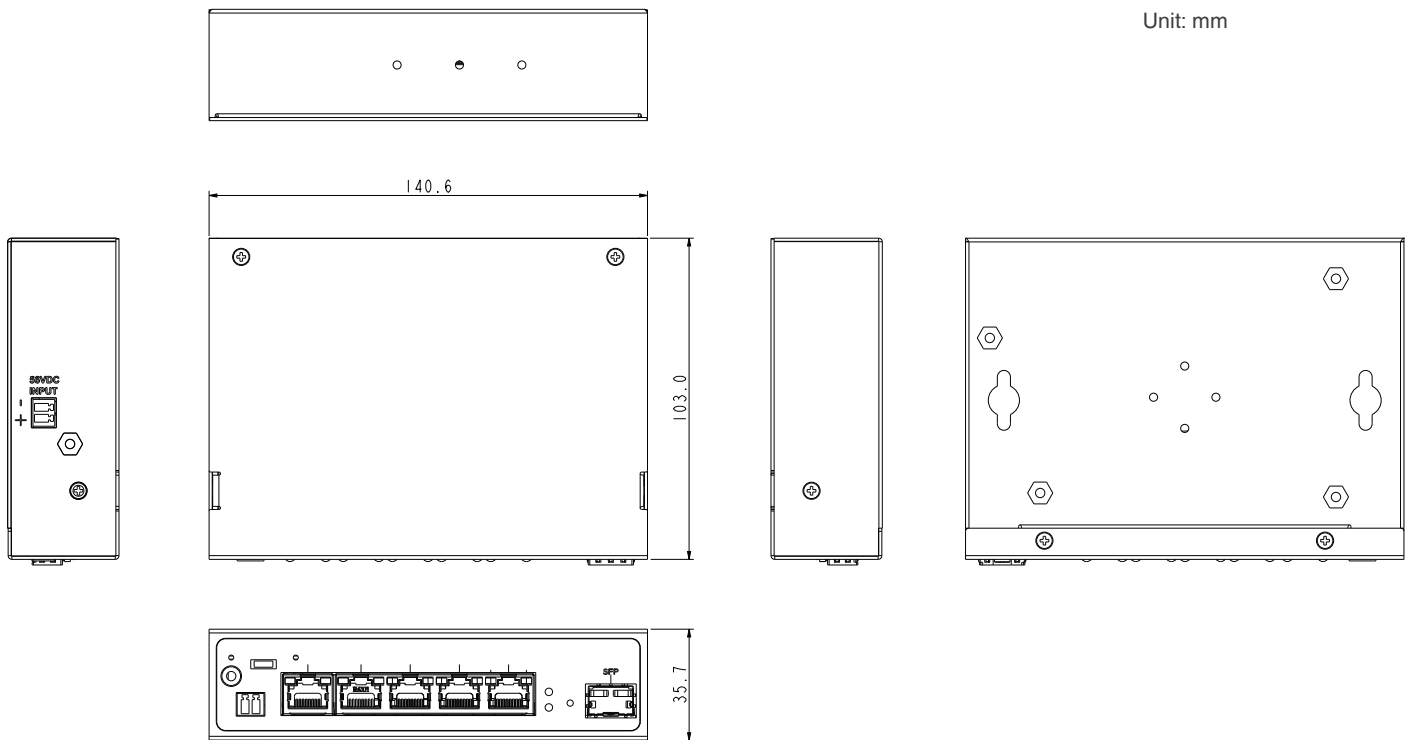
### Features

- Adjustable 24W@24VDC or 56VDC PoE port x1
- Flexible SFP transceiver port for uplink
- Operating temperature between -40°C and 75°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



## Dimension







## Specifications

H32-042-30-V2	
<b>Networking</b>	
Total Gigabit Ethernet Ports	6
Gigabit Ethernet 802.3af/at/bt PoE Ports	4 x 30W at PoE
Gigabit Ethernet Passive PoE Ports (Adjustable 24V/56VDC Passive PoE or 802.3af PoE)	1
Gigabit Ethernet SFP Ports (100M/1G)	1
Forwarding Capacity	11.904Mpps
Mac Table	4K
Jumbo Frames	9,216 Bytes
Switching Capacity	12 Gbps
<b>Power</b>	
Input Voltage	Dual 48-56VDC
Output Power (Port 1-4)	PoE IEEE 802.3af (Max. 15.4W) PoE+ IEEE 802.3at (Max. 30W)
Output Power (Port 5)	24W @ 24VDC or 56VDC
Output PoE Power Pin Assignment (Port 1-4)	12(+), 36(-)
Output PoE Power Pin Assignment (Port 5)	45(+), 78(-)
System Power Consumption (without PoE)	5W
PoE Output Power Budget	120W
Surge Protection per PoE Port	6KV
<b>Mechanical</b>	
Dimensions (W x D x H)	35.7 x 103 x 140.6 mm
Weight	0.5 kg (1.1 lb)

## Specifications

H32-042-30-V2	
<b>Environmental</b>	
Operating Temperature	-40°C ~ 75°C (-40°F ~ 167°F)
Storage Temperature	-40°C ~ 85°C (-40°F ~ 185°F)
Operating Humidity	5% ~ 95% non-condensing
<b>Certifications</b>	
EMC	CE, FCC, VCCI, C-Tick
Surge	EN61000-4-5

## Optional Accessories

SFP Modules			
 <p><b>SFP-ISX-X5</b> Industrial Gigabit SFP Transceiver</p> <ul style="list-style-type: none"> <li>• MMF</li> <li>• 0.5 km</li> <li>• -40°C ~85°C</li> </ul>	 <p><b>SFP-ISX-02</b> Industrial Gigabit SFP Transceiver</p> <ul style="list-style-type: none"> <li>• MMF</li> <li>• 2 km</li> <li>• -40°C ~85°C</li> </ul>	 <p><b>SFP-ILX-10</b> Industrial Gigabit SFP Transceiver</p> <ul style="list-style-type: none"> <li>• SMF</li> <li>• 10 km</li> <li>• -40°C ~85°C</li> </ul>	 <p><b>SFP-ILX-40</b> Industrial Gigabit SFP Transceiver</p> <ul style="list-style-type: none"> <li>• SMF</li> <li>• 40 km</li> <li>• -40°C ~85°C</li> </ul>