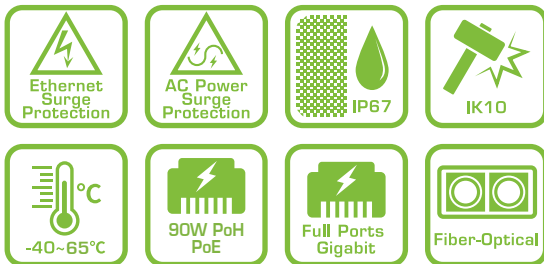


# H40-044-90-DC

IP67 / IK10 Gigabit PoE Switches  
w/ 12~56VDC Input



The H40-044-90-DC of **Harden-Graded Industrial PoE Switches** are designed with IP67, 6KV PoE Ethernet port surge protection, and operation temperature between -40°C and 65°C during harsh weather conditions.

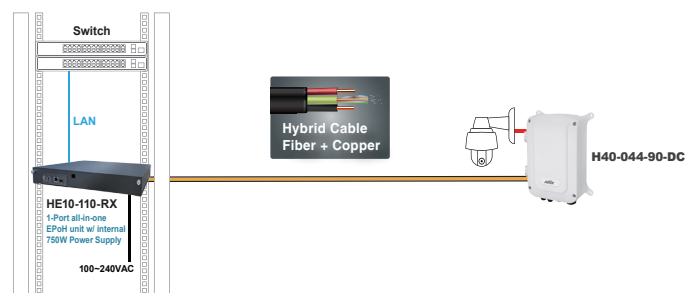
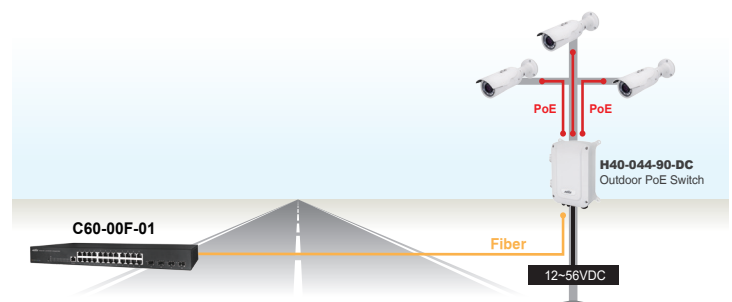
They enable outdoor connections of PoE PDs to the network such as outdoor IP cameras, wireless APs, and other industrial applications.

The H40-044-90-DC provide multi-port Gigabit PoE (10M/100M/1G) delivering data and power to PoE PDs over a single network cable as well as additional SFP transceiver slots for flexible uplink. The H40-044-90-DC has three sub-models classified as easy-to-install power source equipment (PSE) and provide power up to 90W per port.

## Features

- Flexible SFP transceiver ports for uplink
- IP67 standard
- IK10 impact rated cast aluminum housing
- Operating temperature between -40°C and 65°C
- Supporting 10/100/1000Mbps data rates
- 6KV PoE surge protection
- IEEE 802.3az Energy Efficient Ethernet standard for green power

## Applications



## Specifications

H40-044-90-DC	
<b>Networking Specifications</b>	
Total Gigabit Ports	8
Gigabit PoE Ports (10M/100M/1G)	4 x 90W PoH PoE
30W IEEE802.3 at Power over Ethernet	Support
90W PoH Power over Ethernet	Support
SFP Slots (1G)	2
Gigabit Ports (RJ45)	2
Forwarding Capacity	11.904Mpps
Mac Table	8 k
Jumbo Frames	9,216 Bytes
Switching Capacity	16 Gbps
<b>Power Specifications</b>	
Input Voltage	12VDC ~ 56VDC
Output Voltage	12VDC ~ 56VDC
Output Voltage Range / per PoE Port	54 VDC PoE IEEE 802.3af (Max. 15.4W) output PoE+ IEEE802.3at (Max. 30W) output PoH PoE (Max. 90W) output
PSE Power Pin Assignment	12(-),36(+),45(+),78(-)
PoE Power Budget	12VDC:90W 24VDC:150W 48VDC:360W
Surge Protection / each PoE Port	6KV
<b>Mechanical Specifications</b>	
Dimensions (L x W x H)	315.4 x 245.8 x 118 mm
Weight	4.3KG
Connectors	PF 3/4" conduit cable gland x1pc M25 cable gland with 5x5mm holes x1pc M16 cable gland 1x6.5mm hole x4pc
<b>Environmental Specifications</b>	
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
<b>Certifications</b>	
EMC	CE, FCC, VCCI, C-Tick Class A
Safety	EN62368-1
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



#### AT-100

Pole Mount Adapter



#### AT-101

Pole Mount Adapter

### Corner Mount Bracket



#### AT-200

Corner Mount Adapter