

# H40-022-91-DC

Outdoor IP67 / IK10 Gigabit 90W PoE Switch  
w/ 12~56VDC Input

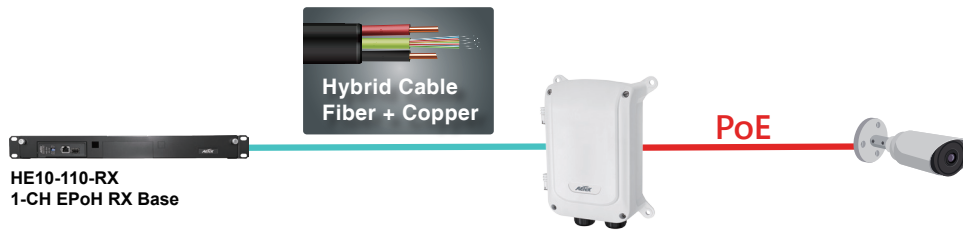


H40-022-91-DC equipped with 2 of Gigabit PoE ports and 2 of Gigabit SFP ports, is an all-in-one solution to create a daisy-chain networking for the long-ranged PoE IP surveillance. Robust aluminum casting enclosure endures rated IP67, IK10 and -40°C ~ 65°C (-40°F ~ 149°F) rigid environments.

## Features

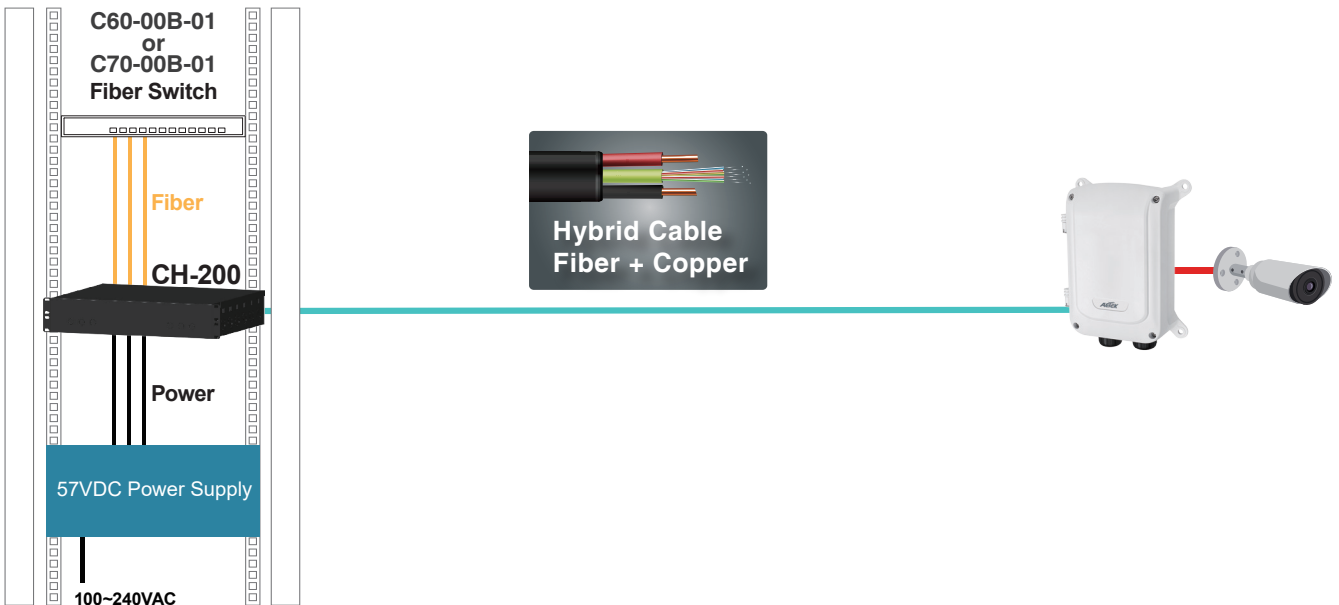
- Flexible Gigabit SFP ports for daisy chain network of uplink application
- Casting aluminum enclosure rated IP67 and IK10 impact
- Operating temperature between -40°C and 65°C
- 90W PoE budget for 2 of Gigabit PoE ports
- Supporting 10/100/1000Mbps data rates
- 6KV PoE surge protection

## Distance Chart

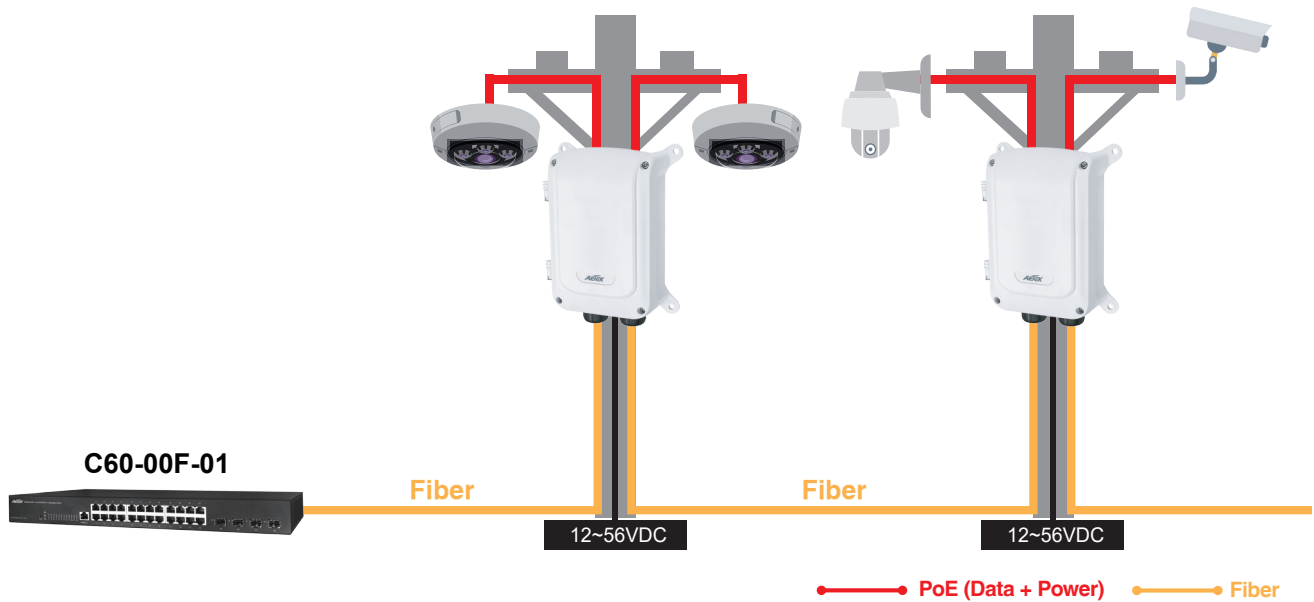


PSU Output Voltage	Cable Gauge (AWG)	4xaf Output Cable Length	8xaf Output Cable Length	2x90W Output Cable Length	4x90W Output Cable Length
57V/750W Power Supply	12	2,400m / 7,874ft	1,040m / 3,412ft	720m / 2,362ft	150m / 492ft
	16	940m / 3,083ft	400m / 1,312ft	240m / 787ft	60m / 196ft

## Applications



## Applications



## Specifications

	H40-022-91-DC
<b>Networking Specifications</b>	
Total Gigabit Ports	4
Gigabit PoE Port (10M/100M/1G)	2x90W bt PoE
Gigabit SFP Slots	2
Forwarding Capacity	11.904Mpps
Mac Table	8k
Jumbo Frames	9,216 Bytes
Switching Capacity	8 Gbps
<b>Power Specifications</b>	
Input Voltage	12VDC ~ 56VDC
Output Voltage Range / port 1~port 2	54 VDC PoE IEEE 802.3af (Max. 15.4W) output PoE+ IEEE802.3at (Max. 30W) output PoE++ IEEE 802.3bt (Max.60W/90W) output
PSE Power Pin Assignment	12(-),36(+),45(+),78(-)
PoE Power Budget	12VDC:90W 24-56VDC:180W
Surge Protection /each PoE Port	6KV
<b>Mechanical Specifications</b>	
Dimensions (L x W x H)	255.2 x 199.8 x 95 mm
Weight	3.2 kg (7.05 lb)
Connectors	M25 x 2
<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
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



#### SFP-ITX-X1

Industrial Gigabit SFP Transceiver

- SFP
- 100 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

### Accessories



#### HE10-110-RX

- 1-CH EPoH RX Base



#### CH-200

- 6-CH Power & Fiber Distribution Chassis



#### AT-302

- Fiber Splice Tray