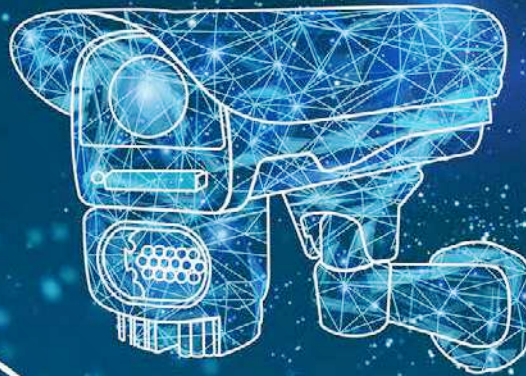




LEADING PoE SOLUTIONS FOR IP SURVEILLANCE

PRODUCT GUIDE



www.aetektec.com

July, 2022

contents

<ul style="list-style-type: none">● Long Range PoE & Ethernet Product Guide	<hr/>	P3-13	
<ul style="list-style-type: none">● EPoH (Ethernet & Power over Hybrid Copper-Fiber Cable)● EPoC (Ethernet & Power over Coax)● EPoT (Ethernet & Power over UTP/STP)● EPo2 (Ethernet & Power over 2 Wires)● PoE Extender (Ethernet & Power over UTP/STP)			
<ul style="list-style-type: none">● PoE Switch Product Guide	<hr/>	P14-22	
<ul style="list-style-type: none">● Outdoor IP67/IK10 PoE Switch● Industrial PoE Switch● Indoor PoE Switch			
<ul style="list-style-type: none">● L2 PRO PoE Switch Product Guide	<hr/>	P23-32	
<ul style="list-style-type: none">● L2 PoE Switch<ul style="list-style-type: none">- Outdoor IP67/IK10- Industrial- Indoor● L2 PRO PoE Switch<ul style="list-style-type: none">- Outdoor IP67/IK10- Industrial- Indoor● 10G L2 PRO Switch<ul style="list-style-type: none">- Indoor			
<ul style="list-style-type: none">● Gigabit PoE Media Converter Product Guide	<hr/>	P33-35	
<ul style="list-style-type: none">● Media Converter● PoE Media Converter			
<ul style="list-style-type: none">● Gigabit PoE Injector Product Guide	<hr/>	P37-39	
<ul style="list-style-type: none">● Outdoor IP67/IK10 Gigabit 60W/90W/95W PoE Injector● Industrial Gigabit 90W/95W PoE Injector● Indoor Gigabit 60W/90W/95W PoE Injector			
<ul style="list-style-type: none">● Gigabit PoE Extender Product Guide	<hr/>	P40-42	
<ul style="list-style-type: none">● Outdoor IP67/IK10 Gigabit 90W PoE Extender● Indoor Gigabit 90W PoE Extender● Outdoor IP67/IK10 Gigabit 90W PoE Extender Plus● Indoor Gigabit 90W PoE Extender Plus			
<ul style="list-style-type: none">● Gigabit PoE Surge Protector Product Guide	<hr/>	P43-45	
<ul style="list-style-type: none">● 1-CH Gigabit 802.3 bt/at/af PoE Surge Protector● 4-CH/24-CH Gigabit 802.3 bt/at/af PoE Surge Protectors● 4-CH/24-CH IP Managed Gigabit 802.3 bt/at/af PoE Surge Protectors			
<ul style="list-style-type: none">● Outdoor Surveillance system	<hr/>	P46-48	
<ul style="list-style-type: none">● Back-up PoE Cabinet			
<ul style="list-style-type: none">● Camera Housing Product Guide	<hr/>	P49-58	
<ul style="list-style-type: none">● AC24V (Optional DC24V)● 802.3 bt/at/af PoE● 800m PoE● AISI 316L Stainless Steel			
<ul style="list-style-type: none">● Illuminator Product Guide	<hr/>	P59-61	
<ul style="list-style-type: none">● Manual● Motor● Pulse Mode● Affordable			



Long Range PoE & Ethernet Product Guide

EPoH (Ethernet & Power over Hybrid Copper-Fiber Cable)

EPoC (Ethernet & Power over Coax)

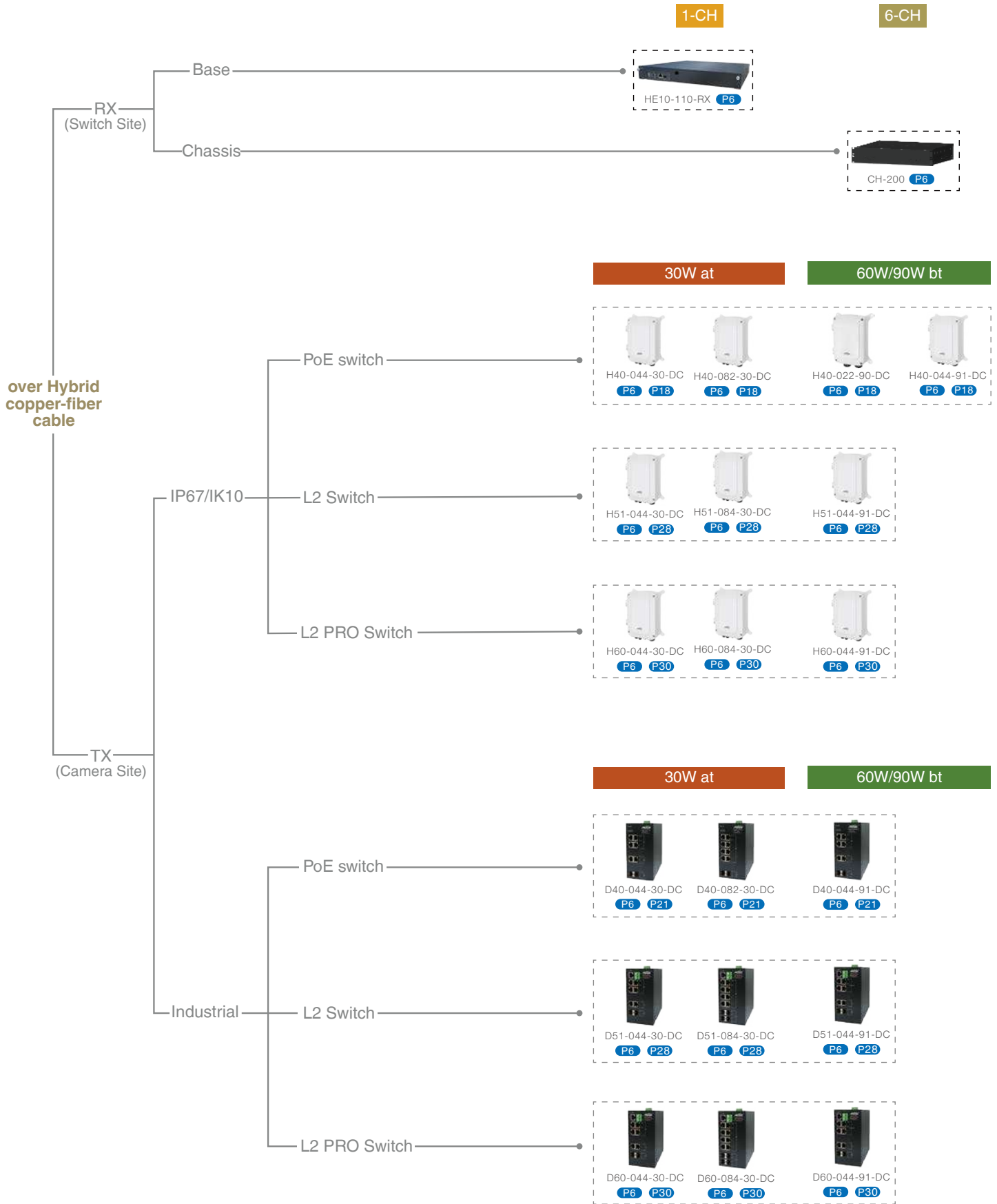
EPoT (Ethernet & Power over UTP/STP)

EPo2 (Ethernet & Power over 2 Wires)

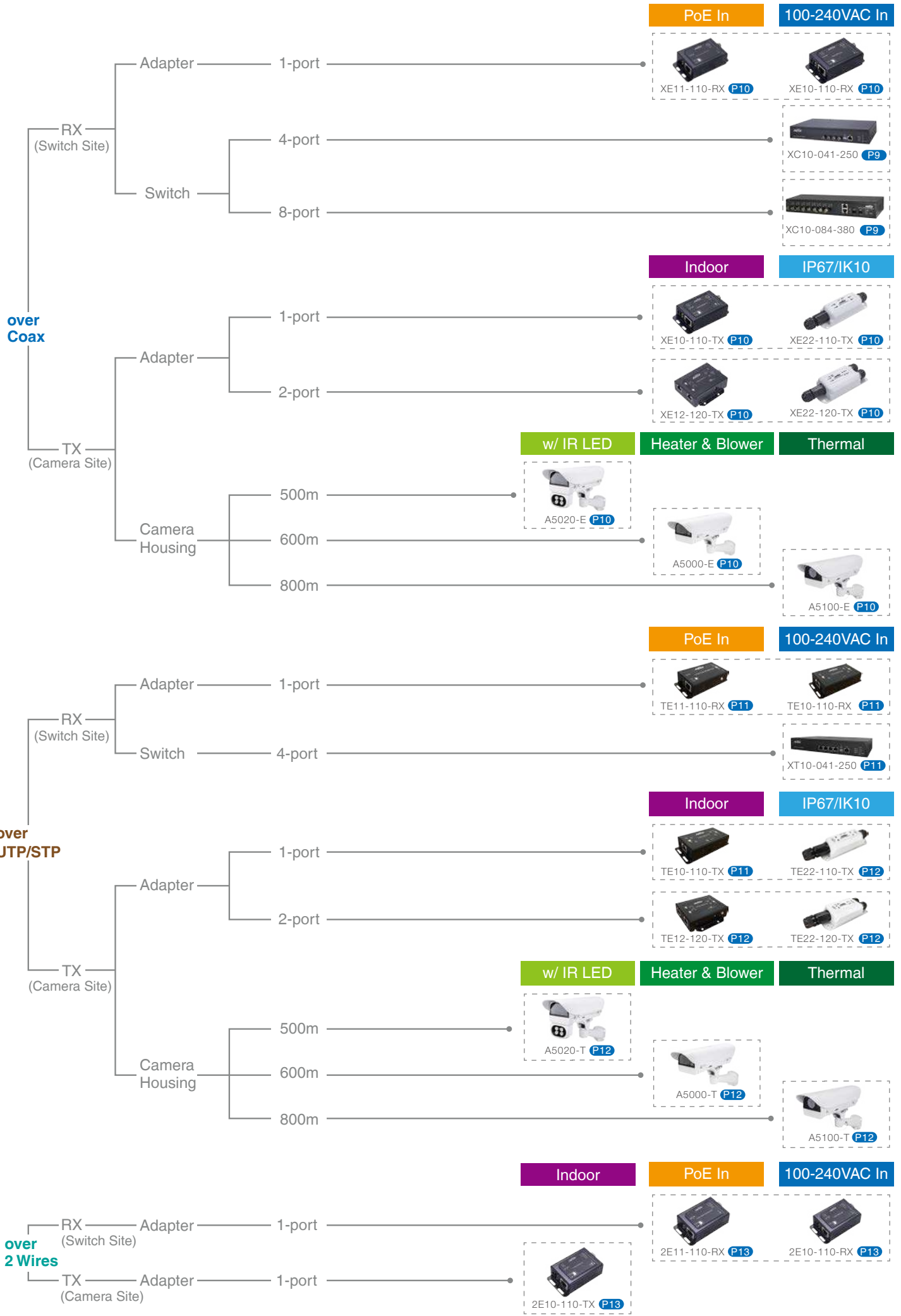
PoE Extender (Ethernet & Power over UTP/STP)



Long Range PoE & Ethernet Product Selection



Long Range PoE & Ethernet Product Selection



EPoH (Long Range PoE Solution over Hybrid Copper-Fiber Cable)

Hybrid copper and fiber in one cable

Up to 12 optical fibers SMF or MMF

12 AWG (2 mm) or 16 AWG (1.3 mm) Conductors

One Cable, More Possibilities

- The Hybrid cable combines fiber optic cable and copper power cable to extend 15.4W PoE distance up to 3.13km / 1.94miles.

Fiber Cable

- Long-Distance Data Transmission
- High Bandwidth

Copper Cable

- Long-Distance Power Transmission

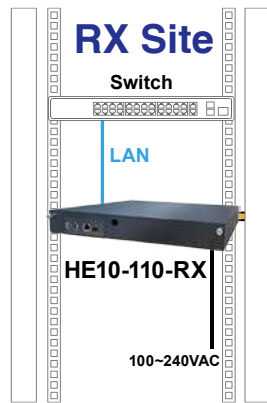


Applications

- Optical LAN
- Emergency Phones
- 4K/HD security cameras
- Digital signage
- Wi-Fi access points
- Small cells
- Virtually any IP PoE PD

AETEK HE10-110-RX
1-CH EPoH RX Base
(Ethernet & Power over Hybrid Cable)

- Hybrid cable (from 3rd party)

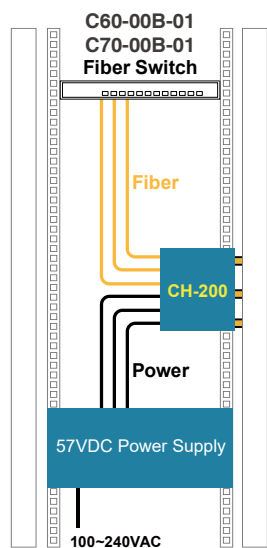


One Channel Solution

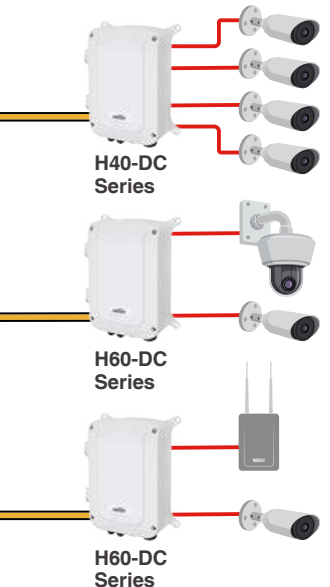


AETEK CH-200
Power & Fiber Distribution Chassis

- AETEK Fiber Ethernet Switch w/ SFP ports or 3rd party Fiber Switch
- High power supply w/ 48-57 VDC output (from 3rd party)
- Hybrid cable (from 3rd party)



Multi-Channel Solution



Distance Chart

PoE (Data + Power) — LAN — Power — Hybrid Cable

PSU Output Voltage	Cable Gauge (AWG)	Max cable Length Power Out=90W	Max cable Length Power Out=60W	Max cable Length Power Out=30W	Max cable Length Power Out=15.4W	Max cable Length Power Out=7W
57VDC/750W Power Supply	12	614m / 2,014ft	888m / 2,913ft	1,886m / 6,187ft	3.13km / 1.94miles	4.63km / 2.87miles
	16	243m / 797ft	351m / 1,151ft	746m / 2,447ft	1.23km / 0.76miles	1.83km / 1.13miles
48VDC/750W Power Supply	12	384m / 1,259ft	630m / 2,066ft	1,335m / 4,379ft	2.21km / 1.37miles	3.28km / 2.03miles
	16	152m / 498ft	249m / 816ft	528m / 1,732ft	0.87km / 0.54miles	1.29km / 0.8miles




Ordering information

TX Site - Outdoor (Remote Site)




Outdoor IP67/IK10 Gigabit PoE Switches Type

	H40-022-90-DC <ul style="list-style-type: none"> • 2xGbE PoE (95W) + 2 x GbE SFP • 12-56VDC Input • -40°C~ 65°C (-40°F~ 149°F) 		H40-022-90-DC-A <ul style="list-style-type: none"> • 2xGbE PoE (95W) + 2 x GbE SFP • 12-56VDC Input • -40°C~ 65°C (-40°F~ 149°F) • Support Avigilon Mount 		H40-044-30-DC <ul style="list-style-type: none"> • 4xGbE PoE (30W) + 2xGbE SFP + 2xGbE RJ45 • 12-56VDC Input • -40°C~ 65°C (-40°F~ 149°F)
	H40-044-91-DC <ul style="list-style-type: none"> • 4xGbE bt PoE (90W) + 2xGbE SFP + 2xGbE RJ45 • 12-56VDC Input • -40°C~ 65°C (-40°F~ 149°F) 		H40-082-30-DC <ul style="list-style-type: none"> • 8xGbE PoE (30W) +2xGbE SFP • 12-56VDC Input • -40°C~ 65°C (-40°F~ 149°F) 		

L2 Outdoor IP67/IK10 Gigabit PoE Switches Type




	H51-044-30-DC <ul style="list-style-type: none"> • 4xGbE PoE (30W) + 2xGbE SFP + 2xGbE RJ45 • 12-56VDC Input • -40°C~ 65°C (-40°F~ 149°F) 		H51-044-91-DC <ul style="list-style-type: none"> • 4xGbE bt PoE (90W) + 2xGbE SFP + 2xGbE RJ45 • 12-56VDC Input • -40°C~ 65°C (-40°F~ 149°F) 		H51-084-30-DC <ul style="list-style-type: none"> • 8xGbE PoE (30W) + 4xGbE SFP • 12-56VDC Input • -40°C~ 65°C (-40°F~ 149°F)
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L2 PRO Outdoor IP67/IK10 Gigabit PoE Switches Type


	H60-044-30-DC <ul style="list-style-type: none"> • 4xGbE PoE (30W) + 2xGbE SFP + 2xGbE RJ45 • 12-56VDC Input • -40°C~ 65°C (-40°F~ 149°F) 		H60-044-91-DC <ul style="list-style-type: none"> • 4xGbE bt PoE (90W) + 2xGbE SFP + 2xGbE RJ45 • 12-56VDC Input • -40°C~ 65°C (-40°F~ 149°F) 		H60-084-30-DC <ul style="list-style-type: none"> • 8xGbE PoE (30W) + 4xGbE SFP • 12-56VDC Input • -40°C~ 65°C (-40°F~ 149°F)
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TX Site - Industrial (Remote Site)


Industrial Din-Rail Gigabit PoE Switches Type

	D40-044-30-DC <ul style="list-style-type: none"> • 4xGbE 30W PoE + 2xGbE SFP +2xGbE RJ45 • 12-56VDC Input • -40°C~75°C (-40°F~167°F) 		D40-044-91-DC <ul style="list-style-type: none"> • 4x 90W bt PoE + 2xGbE SFP +2xGbE RJ45 • 12-56VDC Input • -40°C~75°C (-40°F~167°F) 		D40-082-30-DC <ul style="list-style-type: none"> • 8xGbE 30W PoE +2xGbE SFP • 12-56VDC Input • -40°C~75°C (-40°F~167°F)
---	---	---	---	---	---

L2 Industrial Din-Rail Gigabit PoE Switches Type

	D51-044-30-DC <ul style="list-style-type: none"> • 4xGbE PoE (30W) + 2xGbE SFP + 2xGbE RJ45 • 12-56VDC Input • -40°C~75°C (-40°F~167°F) 		D51-044-91-DC <ul style="list-style-type: none"> • 4xGbE bt PoE (90W) + 2xGbE SFP + 2xGbE RJ45 • 12-56VDC Input • -40°C~75°C (-40°F~167°F) 		D51-084-30-DC <ul style="list-style-type: none"> • 8xGbE PoE (30W) + 4xGbE SFP • 12-56VDC Input • -40°C~75°C (-40°F~167°F)
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L2 PRO Industrial Din-Rail Gigabit PoE Switches Type

	D60-044-30-DC <ul style="list-style-type: none"> • 4xGbE PoE (30W) + 2xGbE SFP + 2xGbE RJ45 • 12-56VDC Input • -40°C~75°C (-40°F~167°F) 		D60-044-91-DC <ul style="list-style-type: none"> • 4xGbE bt PoE (90W) + 2xGbE SFP + 2xGbE RJ45 • 12-56VDC Input • -40°C~75°C (-40°F~167°F) 		D60-084-30-DC <ul style="list-style-type: none"> • 8xGbE PoE (30W) + 4xGbE SFP • 12-56VDC Input • -40°C~75°C (-40°F~167°F)
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RX Site (Local Site)

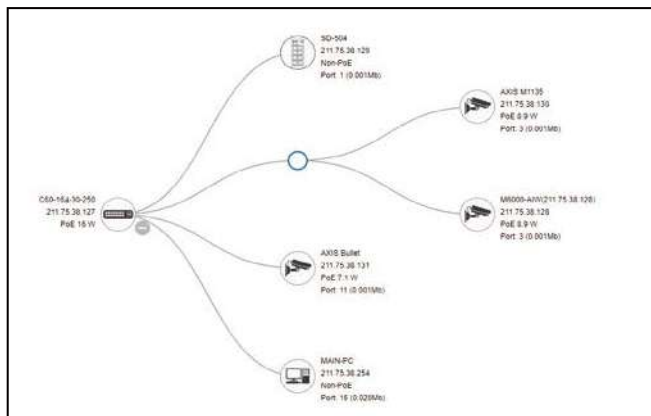
Accessories

	CH-200 <ul style="list-style-type: none"> • 6-CH Power & Fiber Distribution Chassis 		HE10-110-RX <ul style="list-style-type: none"> • 1-CH EPoH RX Base
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EPoH (Long Range PoE Solution over Hybrid Copper-Fiber Cable)

H60 & D60 L2 PRO PoE Switch: Network Topology System

Topology View



Camera Dashboard

C8-0-H4A-B2-101610291590... x

Device Type: IP Camera
 Device Name: C8-0-H4A-B2-101610291590.AVI
 Model Name: Avigilon 8.0-H4A-B2
 Mac Address: 00-18-85-14-c6-b6
 IP Address: 192.168.1.101
 Http Port: 80
 PoE Used: 7.4 W

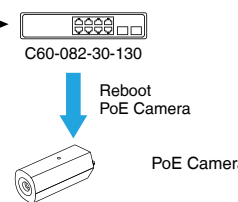
Buttons: Login, Diagnostics, PoE Reboot

Bottom: Dashboard, Notification, Monitor

Diagnostics



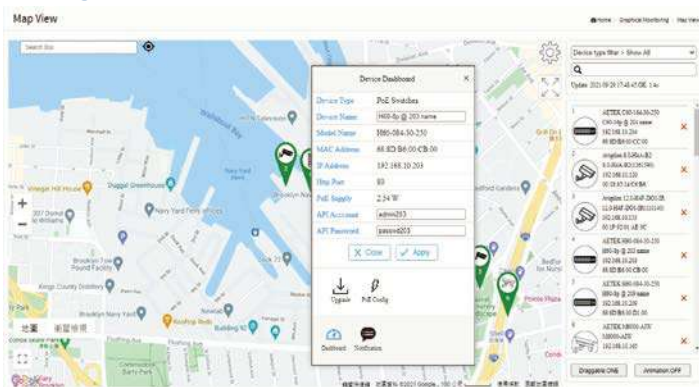
PoE Reboot



Floor Map View



Google Map View



Related Products

SFP Transceiver

 SFP-SX-X5 1.25G Multi-Mode SFP 850nm, 0.5KM, 0°C ~ 70°C	 SFP-SX-02 1.25G Multi-Mode SFP, LC 1310nm, 2KM, 0°C ~ 70°C	 SFP-LX-10 1.25G Single-Mode SFP, LC 1310nm, 10KM, 0°C ~ 70°C	 SFP-LX-40 1.25G Single-Mode SFP, LC 1310nm, 40KM, 0°C ~ 70°C	 SFP-LX-80 1.25G Single-Mode SFP, LC 1310nm, 80KM, 0°C ~ 70°C
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Industrial SFP Transceiver

 SFP-ISX-X5 1.25G Multi-Mode SFP 850nm, 0.5KM, -40°C ~ 85°C	 SFP-ISX-02 1.25G Multi-Mode SFP, LC 1310nm, 2KM, -40°C ~ 85°C	 SFP-ILX-10 1.25G Single-Mode SFP, LC 1310nm, 10KM, -40°C ~ 85°C	 SFP-ILX-40 1.25G Single-Mode SFP, LC 1310nm, 40KM, -40°C ~ 85°C	 SFP-ILX-80 1.25G Single-Mode SFP, LC 1310nm, 80KM, -40°C ~ 85°C
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BiDi SFP Transceiver

 SFP-ALX-02 1.25G SFP,MMF Bi-Di, TX:1310NM / RX:1550NM,2KM	 SFP-BLX-02 1.25G SFP,MMF Bi-Di, TX:1550NM / RX:1310NM,2KM
--	--

BiDi SFP Transceiver

 SFP-ALX-20 1.25G SFP,SMF Bi-Di, TX:1310NM / RX:1550NM,20KM	 SFP-BLX-20 1.25G SFP,SMF Bi-Di, TX:1550NM / RX:1310NM,20KM	 SFP-ALX-40 1.25G SFP,SMF Bi-Di, TX:1310NM / RX:1550NM,20KM
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BiDi SFP Transceiver

 SFP-BLX-40 1.25G SFP,SMF Bi-Di, TX:1550NM / RX:1310NM,20KM

Industrial BiDi SFP Transceiver

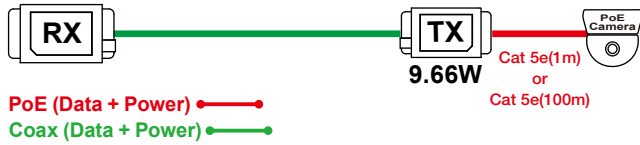
 SFP-IALX-02 IND 1.25G SFP,MMF Bi-Di, TX:1310NM / RX:1550NM,2KM	 SFP-IBLX-02 IND 1.25G SFP,MMF Bi-Di, TX:1550NM / RX:1310NM,2KM	 SFP-IALX-20 IND 1.25G SFP,SMF Bi-Di, TX:1310NM / RX:1550NM,20KM	 SFP-IBLX-20 IND 1.25G SFP,SMF Bi-Di, TX:1550NM / RX:1310NM,20KM
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Industrial BiDi SFP Transceiver

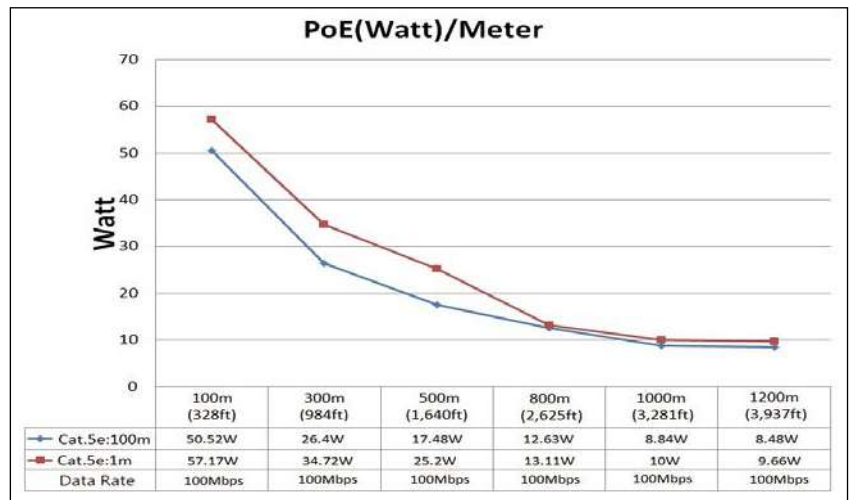
 SFP-IALX-40 IND 1.25G SFP,SMF Bi-Di, TX:1310NM / RX:1550NM,40KM	 SFP-IBLX-40 IND 1.25G SFP,SMF Bi-Di, TX:1550NM / RX:1310NM,40KM	 SFP-IBLX-40 IND 1.25G SFP,SMF Bi-Di, TX:1550NM / RX:1310NM,40KM
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EPoC (Ethernet & Power over Coax)

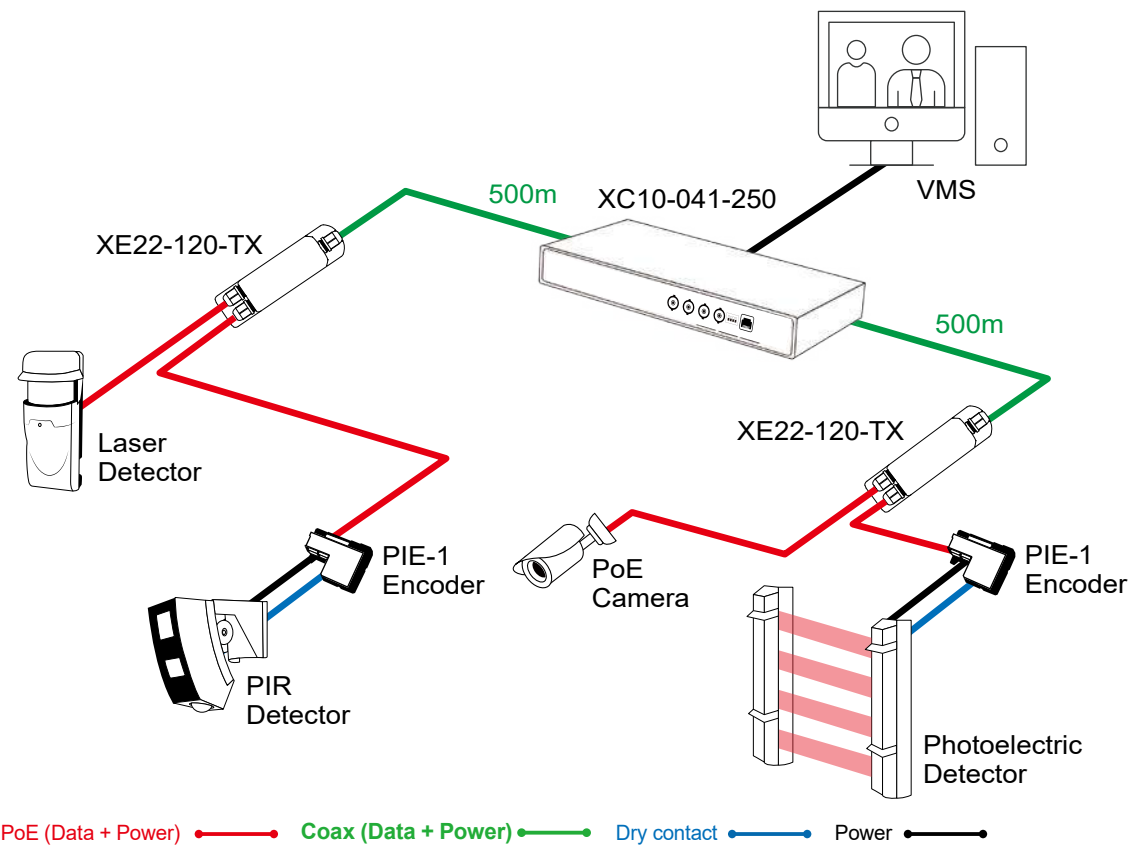
EPoC Power - Distance Chart



EPoT Power - Distance Chart



Application

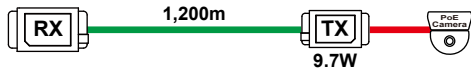


EPoC (Ethernet & Power over Coax)



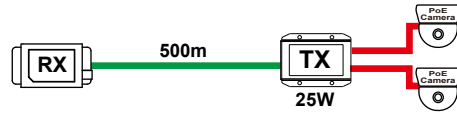
EPoC (Ethernet & Power over Coax) Topology

A: 1 - to - 1



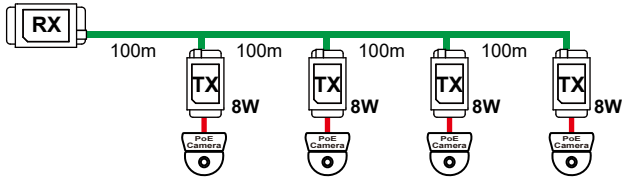
PoE (Data + Power) Coax (Data + Power)
 PoE Budget : 9.7W@1,200m / 3,937ft over RG6
 Data Rate : 100Mbps

B: 1 - to - 2



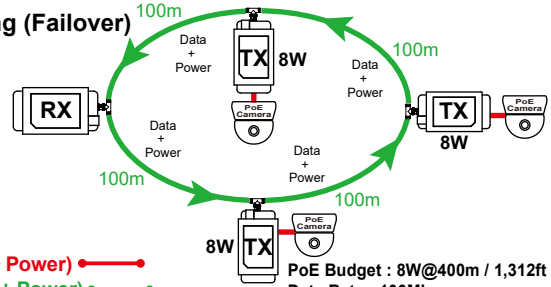
PoE (Data + Power) Coax (Data + Power)
 PoE Budget : 25W@500m / 1,640ft over RG6
 Data Rate : 100Mbps

C: Daisy - Chain



PoE (Data + Power) Coax (Data + Power)
 PoE Budget : 8W@400m / 1,312ft over RG6
 Data Rate : 100Mbps

D: Ring (Failover)



PoE (Data + Power) Coax (Data + Power)
 PoE Budget : 8W@400m / 1,312ft over RG6
 Data Rate : 100Mbps

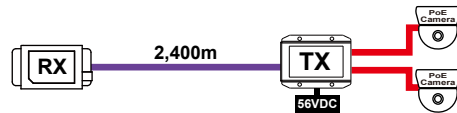
EoC (Ethernet over Coax) Topology

E: 1 - to - 1



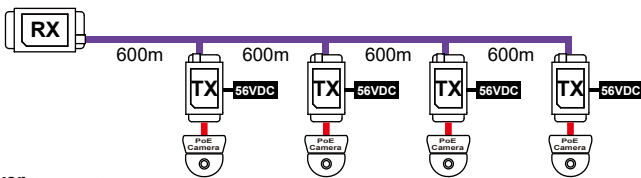
Power Coax (Data) PoE (Data + Power)
 Range : 2,400m / 7,874ft over RG6
 Data Rate : 100Mbps

F: 1 - to - 2



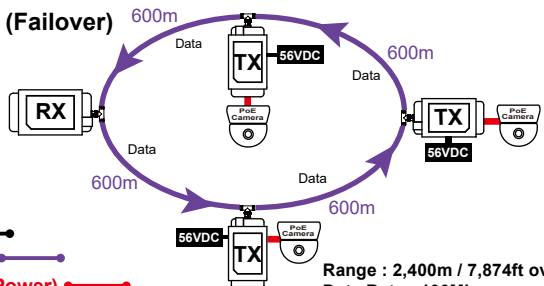
Power Coax (Data) PoE (Data + Power)
 Range : 2,400m / 7,874ft over RG6
 Data Rate : 100Mbps

G: Daisy - Chain



Power Coax (Data) PoE (Data + Power)
 Range : 2,400m / 7,874ft over RG6
 Data Rate : 100Mbps

H: Ring (Failover)



Power Coax (Data) PoE (Data + Power)
 Range : 2,400m / 7,874ft over RG6
 Data Rate : 100Mbps

EPoC RX Switch

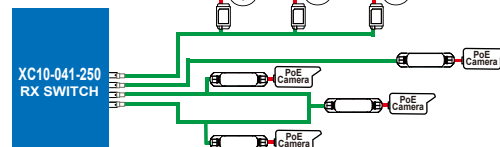


XC10-041-250

Features

- 4xBNC coaxial ports, 1xGbE RJ45 LAN port
- 240W power budget for 4 EPoC ports
- 6kV surge protection for EPoC port
- Plug-and-Play deployment PoE IP migration or PoE extension
- Supports 1-to-1, 1-to-2, Daisy-chain, Ring Topologies

Application



Topology	EPoC	EoC
1-to-1	A:	E:
1-to-2	B:	F:
Daisy-Chain	C:	G:
Ring (Failover)	D:	H:

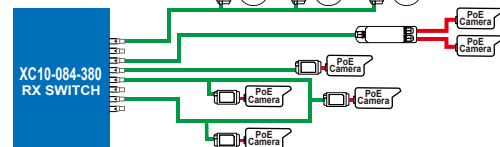


XC10-084-380

Features

- 8xBNC coaxial ports, 2xGbE RJ45 & 2xGbE SFP LAN ports
- 370W power budget for 8 EPoC ports
- 6kV surge protection for EPoC port
- Plug-and-Play deployment PoE IP migration or PoE extension
- Supports 1-to-1, 1-to-2, Daisy-chain, Ring Topologies

Application



Topology	EPoC	EoC
1-to-1	A:	E:
1-to-2	B:	F:
Daisy-Chain	C:	G:
Ring (Failover)	D:	H:

EPoC (Ethernet & Power over Coax)

EPoC RX Adapter



XE10-110-RX

Features

- One BNC coaxial port & one 10/100Mbps LAN port
- PoE pass through coax to remote PoE IP camera
- Including 65W@ 56VDC power adapter
- Supports 1-to-1, 1-to-2, Daisy-chain, Ring Topologies

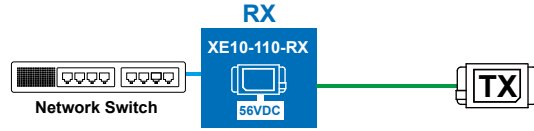


XE11-110-RX

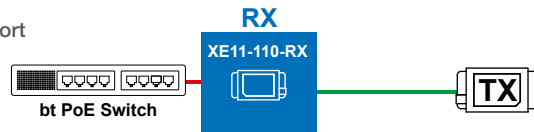
Features

- One BNC coaxial port & one 10/100Mbps PoE PD port
- 30W/60W/90W PoE input
- Without requiring extra power adapter
- PoE pass through coax to remote PoE IP camera
- Supports 1-to-1, 1-to-2, Daisy-chain, Ring Topologies

Applications



Topology	EPoC	EoC
1-to-1	A: ●	E: ●
1-to-2	B: ●	F: ●
Daisy-Chain	C: ●	G: ●
Ring(Failover)	D: ●	H: ●



Topology	EPoC	EoC
1-to-1	A: ●	E: ●
1-to-2	B: ●	F: ●
Daisy-Chain	C: ●	G: ●
Ring(Failover)	D: ●	H: ●

EPoC TX Adapter



XE10-110-TX

Features

- One BNC coaxial port & one PoE LAN port
- Re-uses existing coax for a PoE IP camera
- Without requiring extra power adapter beside remote PoE IP camera
- PoE Output On/Off control
- Supports 1-to-1, Daisy-chain, Ring Topologies



XE12-120-TX

Features

- One BNC coaxial port & two PoE LAN ports
- Re-uses existing coax for 2 of PoE IP cameras
- Without requiring extra power adapter beside remote PoE IP cameras
- PoE Output On/Off control
- Supports 1-to-2 Topology



Topology	EPoC	EoC
1-to-1	A: ●	E: ●
Daisy-Chain	C: ●	G: ●
Ring(Failover)	D: ●	H: ●



Topology	EPoC	EoC
1-to-2	B: ●	F: ●

IP67/IK10 EPoC TX Adapter



XE22-110-TX

Features

- IP67, IK10, -30°C~60°C
- Built-in 6KV EPoC surge protection
- Re-uses existing coax for a PoE IP camera
- One BNC coaxial port & one PoE LAN port
- PoE Output On/Off control
- Supports 1-to-1, Daisy-chain, Ring Topologies



XE22-120-TX

Features

- IP67, IK10, -30°C~60°C
- Built-in 6KV EPoC surge protection
- Re-uses existing coax for 2 of PoE IP cameras
- One BNC coaxial port & two PoE LAN ports
- PoE Output On/Off control
- Supports 1-to-2 Topology

Applications



Topology	EPoC	EoC
1-to-1	A: ●	E: ●
Daisy-Chain	C: ●	G: ●
Ring(Failover)	D: ●	H: ●



Topology	EPoC	EoC
1-to-2	B: ●	F: ●

EPoC TX Camera Housing



A5000-E

Features

- EPoC-TX Camera Housing
- 20W power budget@600m PoE solution over single coax
- Compatible with IEEE 802.3af IP box/brick camera
- IP68 / IK10 / 6KV surge protection
- Window heater & blower included
- Supports wide-angle & long-distance remote focus lens



A5020-E

Features

- EPoC-TX Camera Housing w/IR illuminator(50m)
- 25W power budget@500m PoE solution over single coax
- IP66 / IK10 / 6KV surge protection
- Window heater & blower included
- Supports wide-angle & long-distance remote focus lens

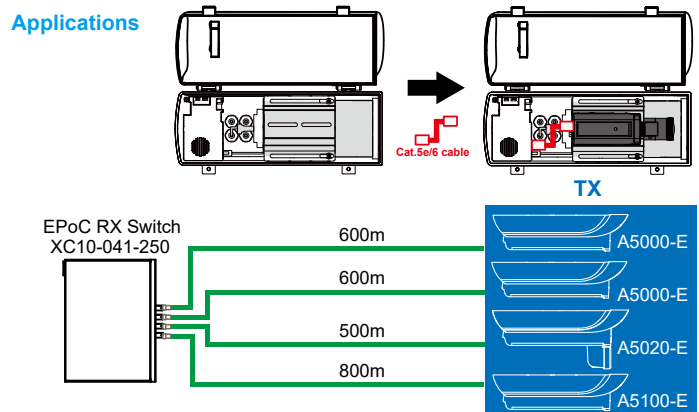


A5100-E

Features

- EPoC-TX Camera Housing w/germanium window
- 13W power budget@800m PoE solution over single coax
- IP68 / IK10 /6KV surge protection
- Window heater & blower included
- Supports wide-angle & long-distance remote focus lens

Applications



EPoC Related Product

CH-100-V2 <ul style="list-style-type: none"> • 19", 1U 4-bay Rack Mount Chassis • For 4 sets of XE10-110-RX & 65W power adapter 	CH-110-V2 <ul style="list-style-type: none"> • 19", 1U 8-bay rack mount chassis • For 8 pieces of XE11-110-RX
SD-301 <ul style="list-style-type: none"> • BNC Surge Protector • 6KV Surge Protection 	BNC-T <ul style="list-style-type: none"> • T-Type BNC Adapter
BNC-YC <ul style="list-style-type: none"> • Outdoor Y-Type BNC Cable 	BNC-Y <ul style="list-style-type: none"> • Y-Type BNC Adapter

EPoT (Ethernet & Power over UTP/STP)



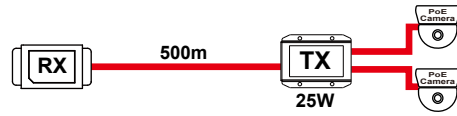
EPoT (Ethernet & Power over UTP/STP) Topology

A: ● 1 - to - 1



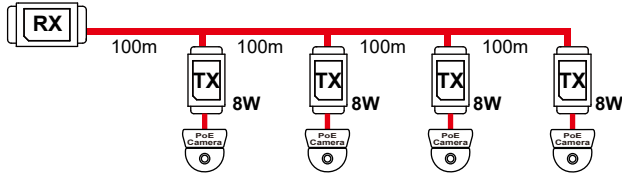
PoE (Data + Power)
 PoE Budget : 9.7W@1,200m / 3,937ft over Cat6
 Data Rate : 100Mbps

B: ● 1 - to - 2



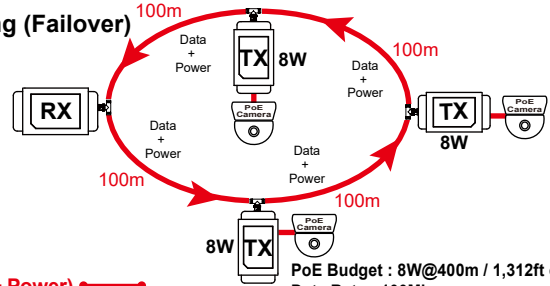
PoE (Data + Power)
 PoE Budget : 25W@500m / 1,640ft over Cat6
 Data Rate : 100Mbps

C: ● Daisy - Chain



PoE (Data + Power)
 PoE Budget : 8W@400m / 1,312ft over Cat6
 Data Rate : 100Mbps

D: ● Ring (Failover)



PoE (Data + Power)
 PoE Budget : 8W@400m / 1,312ft over Cat6
 Data Rate : 100Mbps

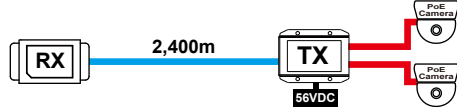
EoT (Ethernet over UTP/STP) Topology

E: ● 1 - to - 1



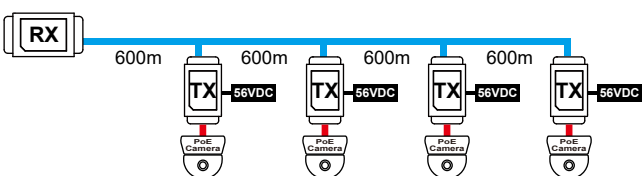
Power
 UTP/STP (Data)
 PoE (Data + Power)
 Range : 2,400m / 7,874ft over Cat6
 Data Rate : 100Mbps

F: ● 1 - to - 2



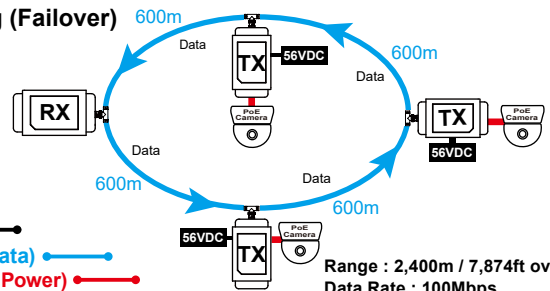
Power
 UTP/STP (Data)
 PoE (Data + Power)
 Range : 2,400m / 7,874ft over Cat6
 Data Rate : 100Mbps

G: ● Daisy - Chain



Power
 UTP/STP (Data)
 PoE (Data + Power)
 Range : 2,400m / 7,874ft over Cat6
 Data Rate : 100Mbps

H: ● Ring (Failover)



Power
 UTP/STP (Data)
 PoE (Data + Power)
 Range : 2,400m / 7,874ft over Cat6
 Data Rate : 100Mbps

EPoT RX Adapter

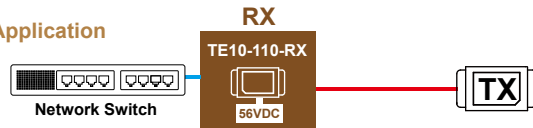


TE10-110-RX

Features

- One EPoT RJ45 port & one 10/100Mbps LAN port
- PoE pass through UTP/STP to remote PoE IP camera
- Including 65W@ 56VDC power adapter
- Supports 1-to-1, 1-to-2, Daisy-chain & Ring Topologies

Application



Topology	EPoT	EoT
1-to-1	A: ●	E: ●
1-to-2	B: ●	F: ●
Daisy-Chain	C: ●	G: ●
Ring (Failover)	D: ●	H: ●



TE11-110-RX

Features

- One EPoT RJ45 port & one 10/100Mbps PoE PD port
- 30W/60W/90W PoE input
- Without requiring extra power adapter
- PoE pass through UTP/STP to remote PoE IP camera
- Supports 1-to-1, 1-to-2, Daisy-chain, Ring Topologies

Application



Topology	EPoT	EoT
1-to-1	A: ●	E: ●
1-to-2	B: ●	F: ●
Daisy-Chain	C: ●	G: ●
Ring (Failover)	D: ●	H: ●

EPoT TX Adapter



TE10-110-TX

Features

- One EPoT RJ45 port & one PoE LAN port
- Without requiring extra power adapter beside remote PoE IP camera
- PoE Output On/Off control
- Supports 1-to-1, Daisy-chain, Ring Topologies

Application



Topology	EPoT	EoT
1-to-1	A: ●	E: ●
Daisy-Chain	C: ●	G: ●
Ring (Failover)	D: ●	H: ●

EPoT (Ethernet & Power over UTP/STP)

EPoT TX Adapter

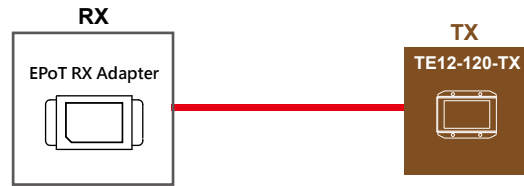


TE12-120-TX

Features

- One EPoT RJ45 port & two PoE LAN ports
- Without requiring extra power adapter beside remote PoE IP cameras
- PoE Output On/Off control
- Supports 1-to-2 Topology

Application



Topology	EPoT	EoT
1-to-2	B: ●	F: ●

IP67/IK10 EPoT TX Adapter

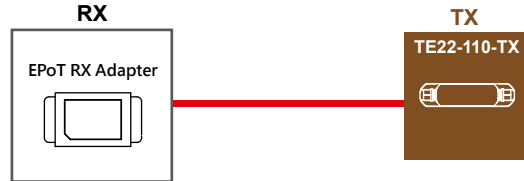


TE22-110-TX

Features

- IP67, IK10, -30°C~60°C
- Built-in 6KV EPoT surge protection
- One EPoT RJ45 port & one PoE LAN port
- Without requiring extra power adapter beside remote PoE IP camera
- PoE Output On/Off control
- Supports 1-to-1, Daisy-chain, Ring Topologies

Application



Topology	EPoT	EoT
1-to-1	A: ●	E: ●
Daisy-Chain	C: ●	G: ●
Ring(Failover)	D: ●	H: ●

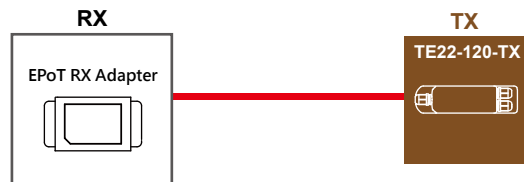


TE22-120-TX

Features

- IP67, IK10, -30°C~60°C
- Built-in 6KV EPoT surge protection
- One EPoT RJ45 port & two PoE LAN ports
- Without requiring extra power adapter beside remote PoE IP cameras
- PoE Output On/Off control
- Supports 1-to-2 Topology

Application



Topology	EPoT	EoT
1-to-2	B: ●	F: ●

EPoT TX Camera Housing

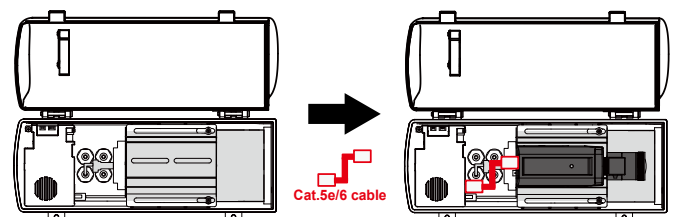


A5000-T

Features

- EPoT-TX Camera Housing
- 20W power budget@600m PoE solution over single UTP/STP
- Compatible with IEEE 802.3af IP box/brick camera
- IP68 / IK10 / 6KV surge protection
- Window heater & blower included
- Supports wide-angle & long-distance remote focus lens

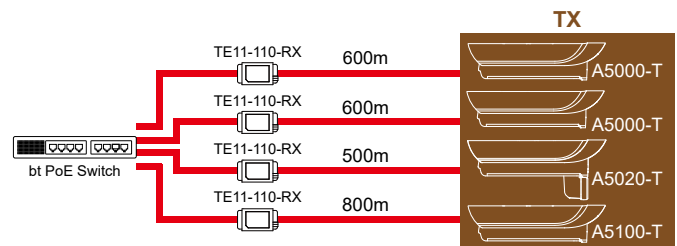
Applications



A5020-T

Features

- EPoT-TX Camera Housing w/IR illuminator(50m)
- 25W power budget@500m PoE solution over single UTP/STP
- IP66 / IK10 / 6KV surge protection
- Window heater & blower included
- Supports wide-angle & long-distance remote focus lens



A5100-T

Features

- EPoT-TX Camera Housing w/germanium window
- 13W power budget@800m PoE solution over single UTP/STP
- IP68 / IK10 / 6KV surge protection
- Window heater & blower included
- Supports wide-angle & long-distance remote focus lens

EPoT Related Product



CH-100-V2

- 19", 1U 4-bay rack mount chassis
- For 4 sets of TE10-110-RX & 65W power adapter



CH-110-V2

- 19", 1U 8-bay rack mount chassis
- For 8 pieces of TE11-110-RX



UTP-YC cable

- Outdoor Y type RJ45 Cable

EPo2 (Ethernet & Power over 2 Wires) & PoE Extender



EPo2 (Ethernet & Power over 2 Wires) Topology

EPo2 RX Adapter



2E10-110-RX

Features

- One EPo2 terminal block port & one 10/100Mbps LAN port
- Includes 65W@ 56VDC power adapter
- Uses telephone line, doorbell wire or 1-pair UTP/STP to connect EPo2 TX
- Re-uses in-wall 2 wires infrastructure



2E11-110-RX

Features

- One EPo2 Terminal block port & one 10/100Mbps PoE PD port
- 30W/60W/90W PoE input
- Without requiring extra power adapter
- Uses telephone line, doorbell wire or 1-pair UTP/STP to connect EPo2 TX
- Re-uses in-wall 2 wires infrastructure

EPo2 TX Adapter

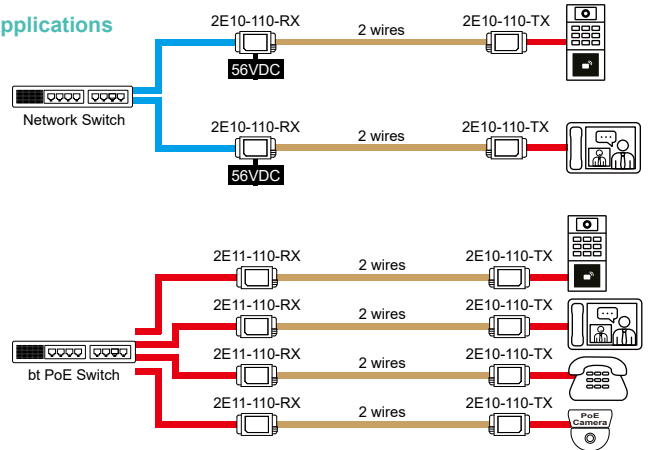


2E10-110-TX

Features

- One EPo2 Terminal block port & one 10/100Mbps PoE port
- Without requiring extra power adapter beside remote PoE IP device
- Uses telephone line, doorbell wire or 1-pair UTP/STP to connect PoE IP devices
- PoE Output On/Off control

Applications



PoE (Data + Power) — 2 Wires (Data + Power) — Ethernet (Data)

Power / Distance Table : 2 Wires

Power / Distance Table				
	100m	200m	400m	600m
0.4mm Cable 26AWG	Watt : 18W	Watt : 8.06W	X	X
0.5mm Cable 24AWG	Watt : 23.8W	Watt : 12.1W	Watt : 6.1W	X
0.6mm Cable 22AWG	Watt : 32.3W	Watt : 17.2W	Watt : 8.4W	Watt : 5W
Data Rate	100Mbps	100Mbps	100Mbps	100Mbps

EPo2 Related Product



CH-100-V2

- 19", 1U 4-bay rack mount chassis
- For 4 sets of 2E10-11-RX & 65W power adapter



CH-110-V2

- 19", 1U 8-bay rack mount chassis
- For 8 pieces of 2E11-110-RX



PoE Extender Topology

Indoor / Outdoor IP67/IK10 Gigabit 90W bt PoE++ Extender



E59-101



E69-101

Features

- 1-port Gigabit 30W/60W/90W bt PoE++ input + 1-port Gigabit Passive PoE output (Compliant 802.3af)
- Drives the reach beyond restricted 100m Ethernet distance



E59-102



E69-102

Features

- 1-port Gigabit 30W/60W/90W bt PoE++ input + 2-port Gigabit Passive PoE output (Compliant 802.3af)
- Drives the reach beyond restricted 100m Ethernet distance

Outdoor IP67/IK10 IEEE 802.3bt PoE++ to IEEE 802.3af/at/bt PoE++ Extender



E69-201

Features

- 1-port Gigabit 30W/60W/90W bt PoE++ input + 1-port Gigabit 802.3af/at/bt PoE++ output
- IEEE 802.3af/at/bt compliant
- Drives the reach beyond restricted 100m Ethernet distance



E69-202

Features

- 1-port Gigabit 30W/60W/90W bt PoE++ input + 2-port Gigabit 802.3af/at/bt PoE++ output
- IEEE 802.3af/at/bt compliant
- Drives the reach beyond restricted 100m Ethernet distance

Indoor / Outdoor IP67/IK10 Gigabit 90W PoE Extender Plus



E59-602

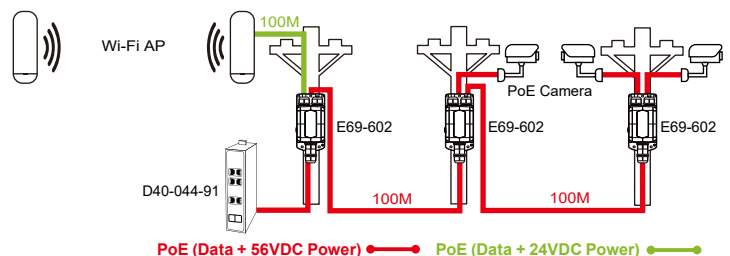


E69-602

Features

- Voltage Booster
- 1-port Gigabit 30W/60W/90W bt PoE input + 1-port Gigabit 56VDC Passive PoE output + (Compliant 802.3af)
- 1-port Gigabit 24VDC or 56VDC Passive PoE output
- Drives the reach beyond restricted 100m Ethernet distance

Application





PoE Switch Product Guide

- Outdoor IP67/IK10 PoE Switch
- Industrial PoE Switch
- Indoor PoE Switch

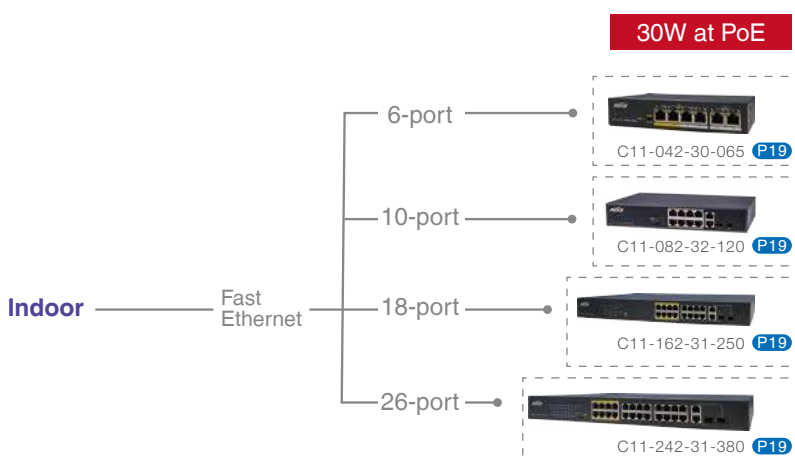
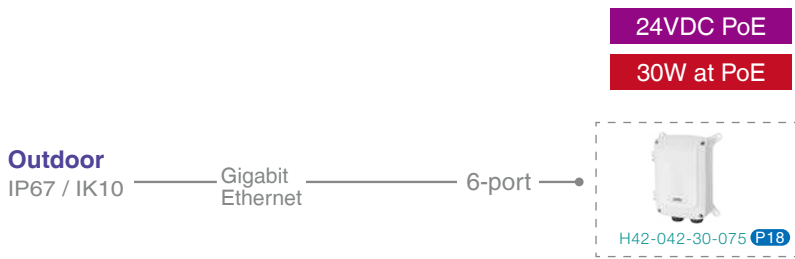
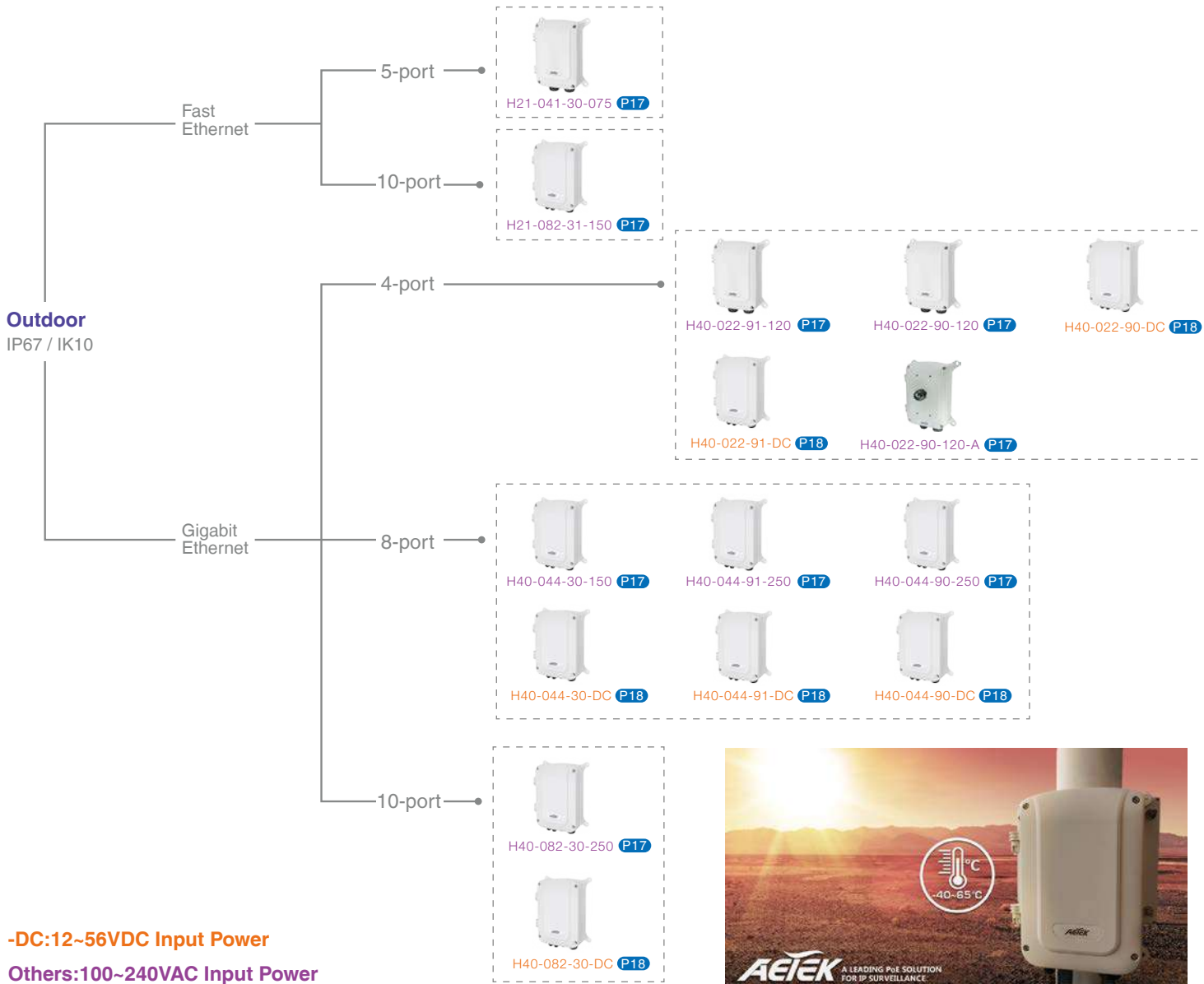


Outdoor / Indoor PoE Switch Product Selection

30W at PoE

60W/90W bt PoE

60W/95W PoH PoE



Industrial PoE Switch Product Selection

30W at PoE

60W/90W bt PoE

60W/95W PoH PoE

Industrial
-40~75°C

Gigabit
Ethernet

6-port



8-port



10-port



-DC:12~56VDC Input Power
Others:48~56VDC Input Power

24VDC PoE

30W at PoE

Industrial
-40~75°C

Gigabit
Ethernet

6-port



Outdoor IP67/IK10 PoE Switch

Outdoor IP67/IK10

H21 Series - Outdoor IP67/IK10 Fast Ethernet EXPoE Switch



H21-041-30-075



H21-082-31-150

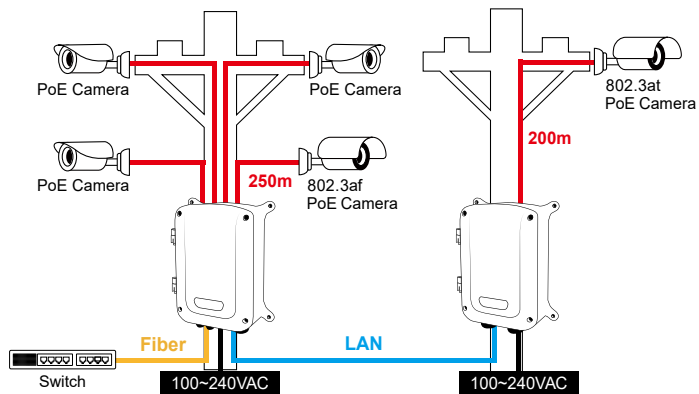
Features

- IP67, IK10, -40°C ~ 65°C
- 4-port 10/100Mbps 30W PoE + 1-port 10/100Mbps
- 12KV PoE surge protection
- EX mode "on" reaches 802.3af camera up to 250m@10Mbps
- 100~240VAC input power

Features

- Outdoor IP67, IK10, -20°C ~ 65°C
- 8-port 10/100Mbps 30W PoE + 2-port Gigabit Combo(RJ45/SFP)
- 6KV PoE surge protection
- EX mode "on" reaches 802.3af camera up to 250m@10Mbps
- 100~240VAC input power

Application



PoE (Data + Power) Ethernet (Data) Power Fiber

H40 Series - Outdoor IP67/IK10 Gigabit Ethernet PoE Switch



H40-022-90-120



H40-022-90-120-A



H40-022-91-120



H40-044-30-150



H40-044-90-250



H40-044-91-250



H40-082-30-250

Features

- IP67, IK10, -40°C~ 65°C
- 30W at, 60W/95W PoH PoE output
- 2-port Gigabit 95W PoH PoE + 2-port Gigabit SFP
- 6KV PoE surge protection
- 100~240VAC input power

Features

- IP67, IK10, -40°C~ 65°C
- 30W at, 60W/95W PoH PoE output
- 2-port Gigabit 95W PoH PoE + 2-port Gigabit SFP
- 6KV PoE surge protection
- For Avigilon PTZ/IR PTZ/Multisensor
- 100~240VAC input power

Features

- IP67, IK10, -40°C~ 65°C
- 30W at, 60W/90W bt PoE output
- 2-port Gigabit 90W bt PoE + 2-port Gigabit SFP
- 6KV PoE surge protection
- 100~240VAC input power

Features

- IP67, IK10, -40°C~ 65°C
- 4-port Gigabit 30W PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 6KV PoE surge protection
- 100~240VAC input power

Features

- IP67, IK10, -40°C~ 65°C
- 30W at, 60W/95W PoH PoE output
- 4-port Gigabit 95W PoH PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 6KV PoE surge protection
- 100~240VAC input power

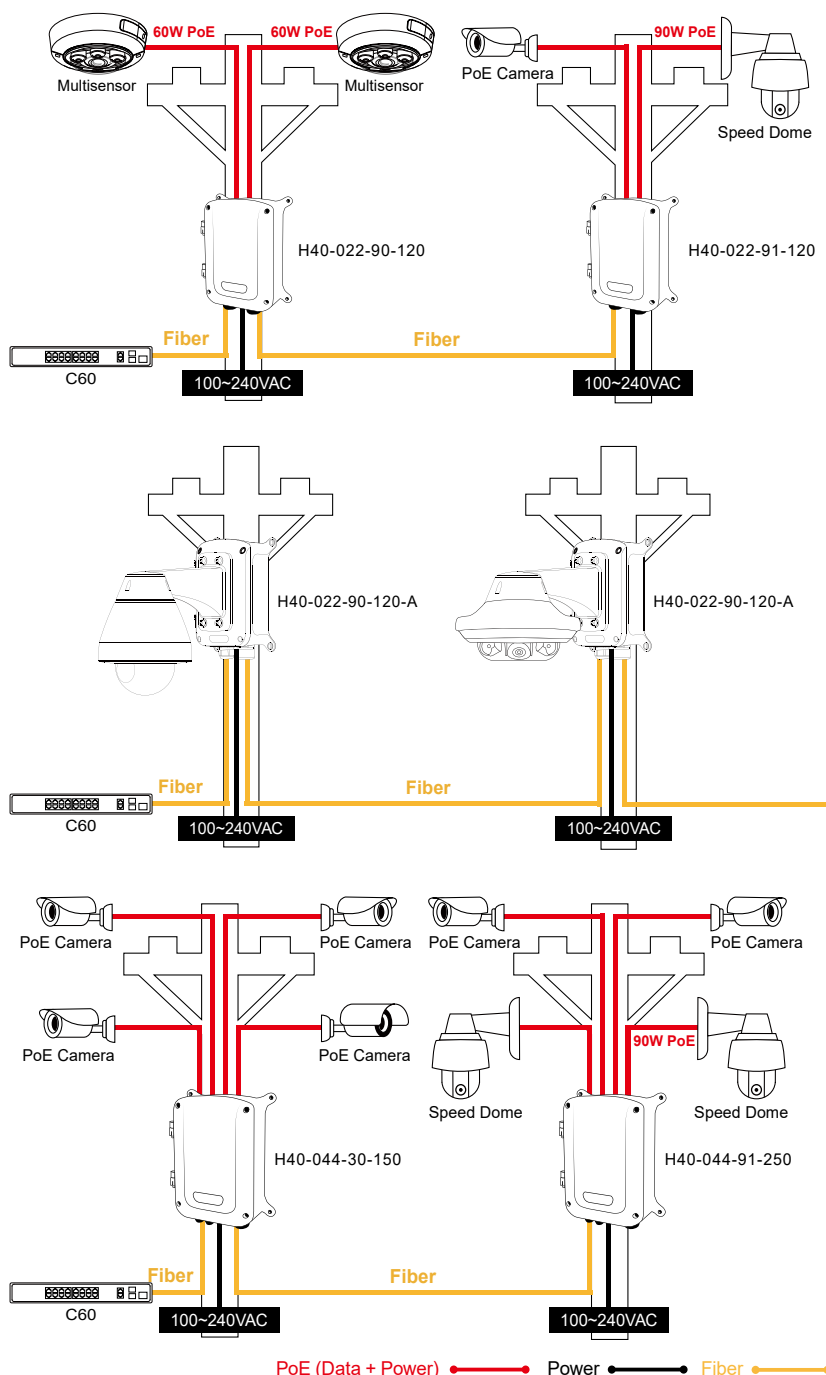
Features

- IP67, IK10, -40°C~ 65°C
- 30W at, 60W/90W bt PoE output
- 4-port Gigabit 90W bt PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 6KV PoE surge protection
- 100~240VAC input power

Features

- IP67, IK10, -40°C~ 65°C
- 8-port Gigabit 30W PoE + 2-port Gigabit SFP
- 6KV PoE surge protection
- 100~240VAC input power

Applications



PoE (Data + Power) Power Fiber

Outdoor IP67 / IK10 PoE Switch

H42 Series - Outdoor IP67/IK10 Gigabit Ethernet Switch w/ Adjustable PoE Output

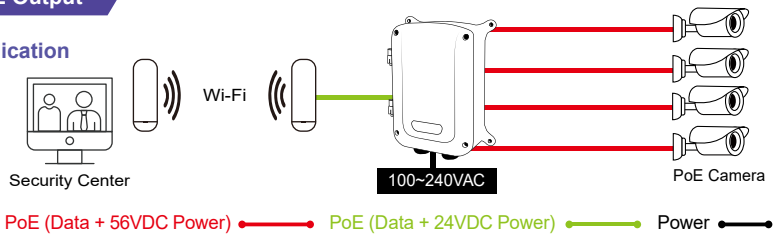


H42-042-30-075

Features

- IP67, IK10, -40°C~ 65°C
- 4-port Gigabit 30W PoE + 1-port Gigabit (24VDC/56VDC) Passive PoE + 1-port Gigabit SFP
- 6KV PoE surge protection
- 100~240VAC input power

Application



H40-DC Series - Outdoor IP67/IK10 Gigabit Ethernet PoE Switch w/ 12~56VDC Input

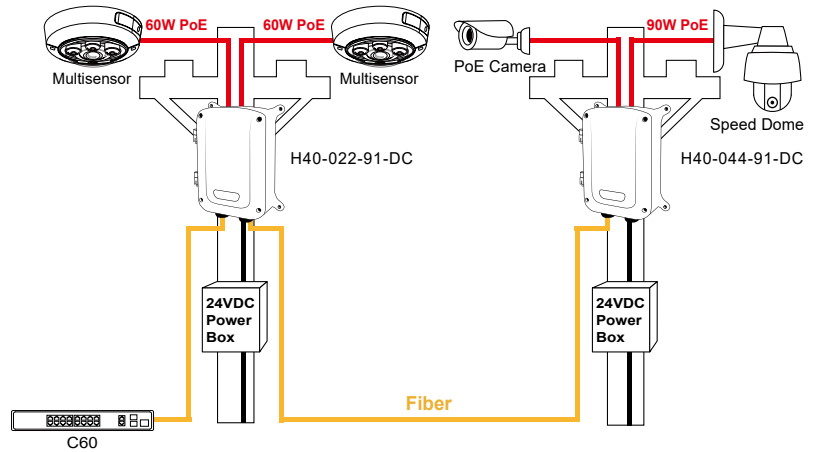


H40-022-90-DC

Features

- IP67, IK10, -40°C~ 65°C
- 30W at, 60W/95W PoH PoE output
- 2-port Gigabit 95W PoH PoE + 2-port Gigabit SFP
- 6KV PoE surge protection
- 12~56VDC input power

Applications



H40-022-91-DC

Features

- IP67, IK10, -40°C~ 65°C
- 30W at, 60W/90W bt PoE output
- 2-port Gigabit 90W bt PoE + 2-port Gigabit SFP
- 6KV PoE surge protection
- 12~56VDC input power



H40-044-30-DC

Features

- IP67, IK10, -40°C~ 65°C
- 4-port Gigabit 30W PoE + 2-port Gigabit SFP + 2-port Gigabit RJ45
- 6KV PoE surge protection
- 12~56VDC input power



H40-044-90-DC

Features

- IP67, IK10, -40°C~ 65°C
- 30W at, 60W/95W PoH PoE output
- 4-port Gigabit 90W bt PoE + 2-port Gigabit SFP + 2-port Gigabit RJ45
- 6KV PoE surge protection
- 12~56VDC input power



H40-044-91-DC

Features

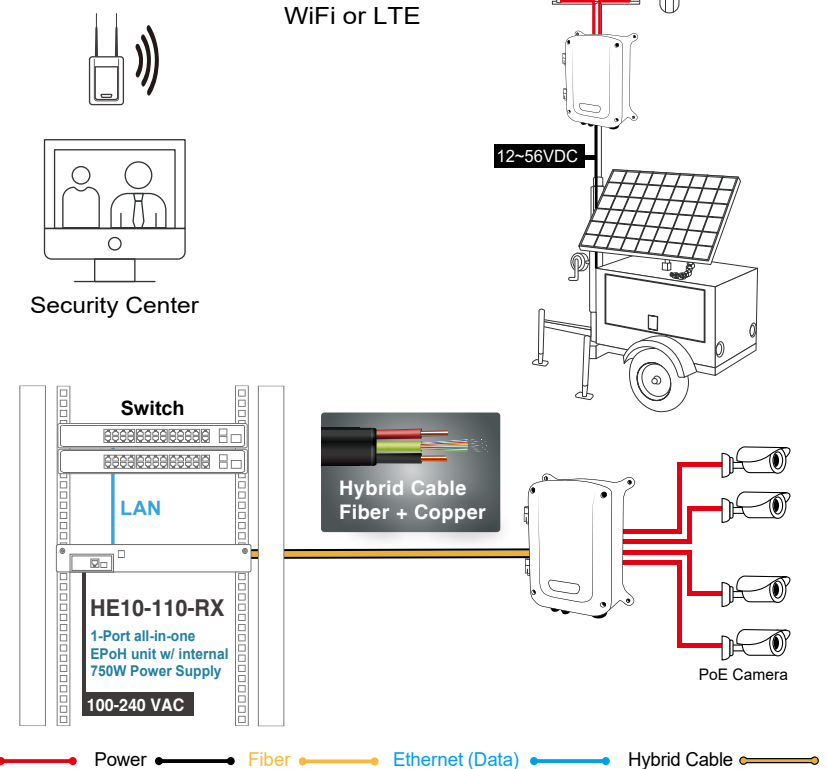
- IP67, IK10, -40°C~ 65°C
- 30W at, 60W/90W bt PoE output
- 4-port Gigabit 90W bt PoE + 2-port Gigabit SFP + 2-port Gigabit RJ45
- 6KV PoE surge protection
- 12~56VDC input power



H40-082-30-DC

Features

- IP67, IK10, -40°C~ 65°C
- 8-port Gigabit 30W PoE + 2-port Gigabit SFP
- 6KV PoE surge protection
- 12~56VDC input power



Indoor / Industrial PoE Switch

Indoor

C11 Series - EXPoE Switch



C11-042-30-065

Features

- 4-port 10/100Mbps 30W PoE + 2-port 10/100Mbps
- IEEE 802.3at compliant
- 4KV PoE surge protection
- EX mode "on" reaches 802.3af camera up to 250m@10Mbps
- 100~240VAC input power



C11-082-32-120

Features

- 8-port 10/100Mbps 30W PoE + 2-port Gigabit Combo (RJ45/SFP)
- IEEE 802.3at compliant
- 6KV PoE surge protection
- EX mode "on" reaches 802.3af camera up to 250m@10Mbps
- 100~240VAC input power



C11-162-31-250

Features

- 16-port 10/100Mbps 30W PoE + 2-port Gigabit Combo (RJ45/SFP)
- IEEE 802.3at compliant
- 6KV PoE surge protection
- EX mode "on" reaches 802.3af camera up to 250m@10Mbps
- 100~240VAC input power



C11-242-31-380

Features

- 24-port 10/100Mbps 30W PoE + 2-port Gigabit Combo (RJ45/SFP)
- IEEE 802.3at compliant
- 6KV PoE surge protection
- EX mode "on" reaches 802.3af camera up to 250m@10Mbps
- 100~240VAC input power

Industrial

H30 Series - Industrial Gigabit Ethernet PoE Switch w/ Adjustable PoE Output



H30-042-30

Features

- 4-port Gigabit 30W PoE + 1-port Gigabit RJ45 + 1-port Gigabit SFP
- 6KV PoE surge protection
- IEEE 802.3at compliant
- -40°C ~ 75°C operating temperature
- 48~56VDC input power



H30-044-30

Features

- 4-port Gigabit 30W PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 12KV PoE surge protection
- IEEE 802.3at compliant
- -40°C ~ 75°C operating temperature
- 48~56VDC input power



H30-044-90

Features

- 30W at, 60W/95W PoH PoE output
- 4-port Gigabit 95W PoH PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 12KV PoE surge protection
- -40°C ~ 75°C operating temperature
- 48~56VDC input power



H30-044-91

Features

- 30W at, 60W/90W bt PoE output
- 4-port Gigabit 90W bt PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 12KV PoE surge protection
- -40°C ~ 75°C operating temperature
- 48~56VDC input power



H30-082-30

Features

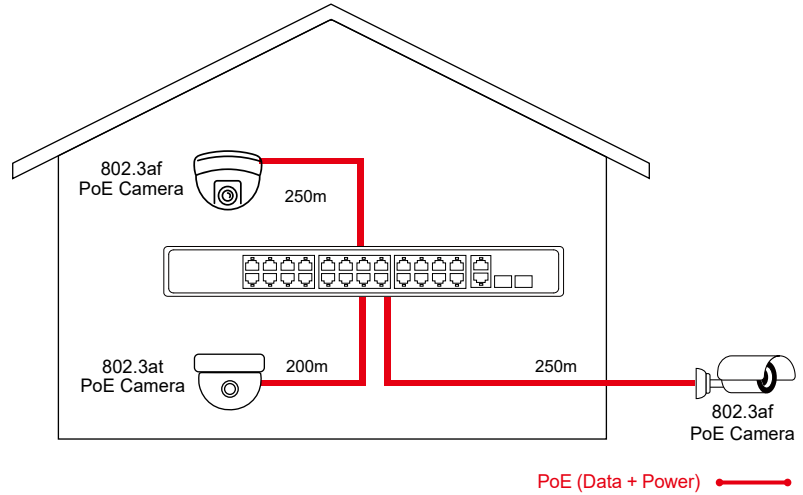
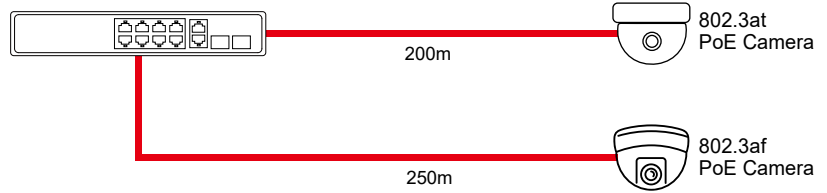
- 8-port Gigabit 30W PoE + 2-port Gigabit SFP
- 12KV PoE surge protection
- IEEE 802.3at compliant
- -40°C ~ 75°C operating temperature
- 48~56VDC input power

Applications

EXtensive Mode OFF

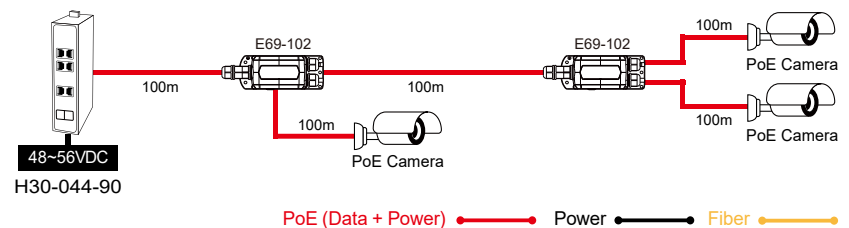
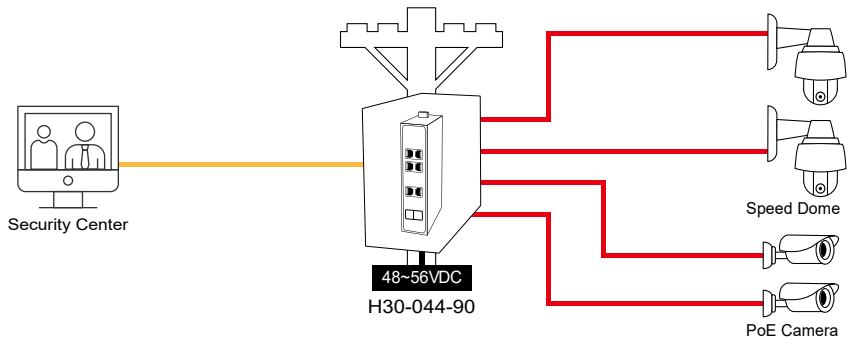


EXtensive Mode ON

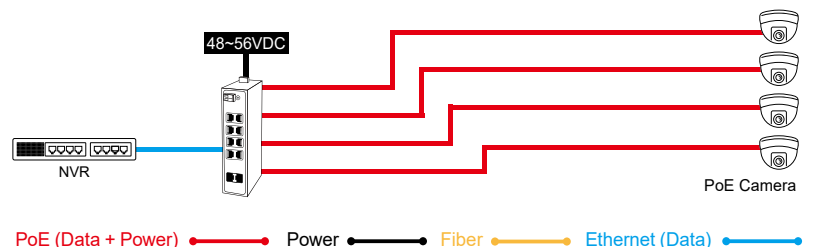


PoE (Data + Power) ———

Applications



PoE (Data + Power) ——— Power ——— Fiber ———



PoE (Data + Power) ——— Power ——— Fiber ——— Ethernet (Data) ———

Indoor / Industrial PoE Switch

H32 Series - Industrial Gigabit Ethernet PoE Switch w/ Adjustable PoE Output

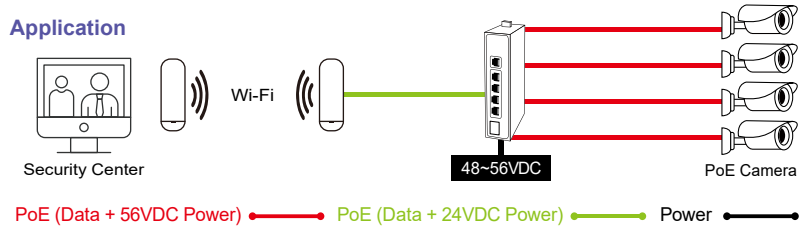


H32-042-30

Features

- 4-port Gigabit 30W PoE + 1-port Gigabit (24VDC/56VDC) PoE + 1-port Gigabit SFP
- 6KV PoE surge protection
- IEEE 802.3at compliant
- -40°C~75°C operating temperature
- 48~56VDC input power

Application



H36 Series - Industrial Gigabit Ethernet PoE Switch w/ 12V~56VDC Input

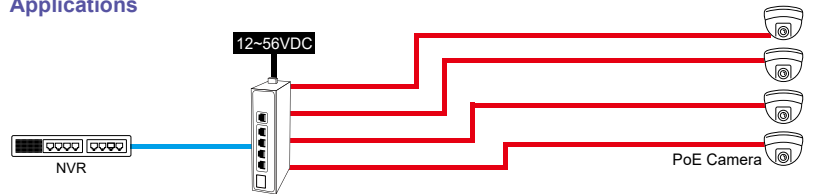


H36-042-30

Features

- 4-port Gigabit 30W PoE + 1-port Gigabit RJ45 + 1-port Gigabit SFP
- 12V~56VDC Input Power
- 6KV PoE surge protection
- -40°C~75°C operating temperature
- 12~56VDC input power

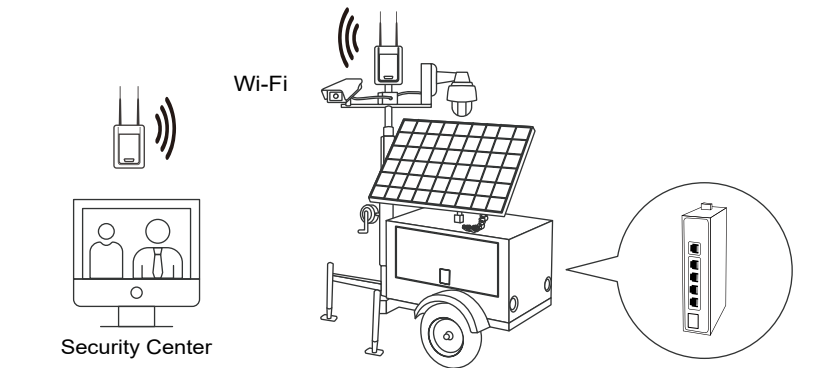
Applications



H36-044-90

Features

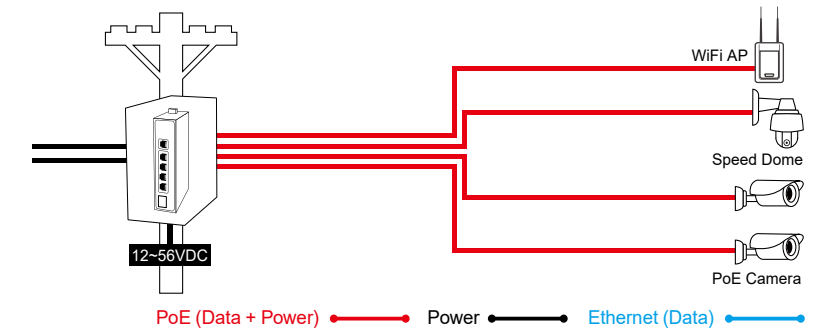
- 30W/60W/95W PoH PoE output
- 4-port Gigabit 95W PoH PoE +2-port Gigabit RJ45 + 2-port Gigabit SFP
- 12V~56VDC Input Power
- 12KV PoE surge protection
- -40°C ~ 75°C operating temperature
- 12~56VDC input power



H36-044-91

Features

- 30W/60W/90W bt PoE output
- 4-port Gigabit 90W bt PoE +2-port Gigabit RJ45 + 2-port Gigabit SFP
- 12V~56VDC Input Power
- 12KV PoE surge protection
- -40°C ~ 75°C operating temperature
- 12~56VDC input power



H36-082-30

Features

- 8-port Gigabit 30W PoE + 2-port Gigabit SFP
- 12V~56VDC Input Power
- 12KV PoE surge protection
- -40°C ~ 75°C operating temperature
- 12~56VDC input power

D40 Series - Industrial Gigabit Ethernet PoE Switch

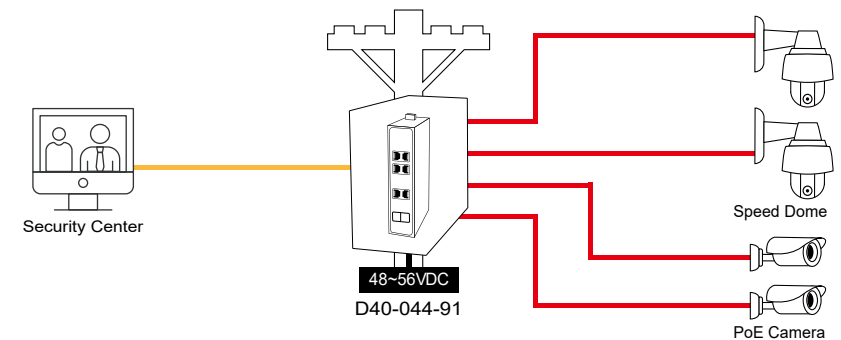


D40-044-30

Features

- 4-port Gigabit 30W PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 6KV PoE surge protection
- IEEE 802.3at compliant
- -40°C~75°C operating temperature
- 48~56VDC input power

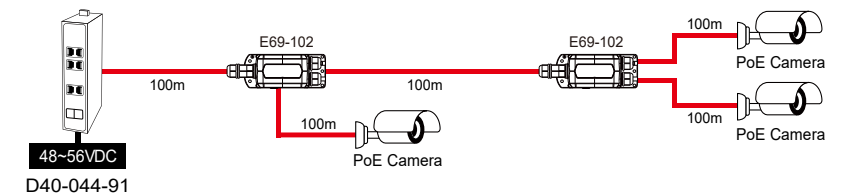
Applications



D40-044-91

Features

- 30W/60W/90W bt PoE output
- 4-port Gigabit 90W bt PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 6KV PoE surge protection
- -40°C ~ 75°C operating temperature
- 48~56VDC input power



D40-082-30

Features

- 8-port Gigabit 30W PoE + 2-port Gigabit SFP
- 6KV PoE surge protection
- IEEE 802.3at compliant
- -40°C~75°C operating temperature
- 48~56VDC input power



Indoor / Industrial PoE Switch

D40-DC Series - Industrial Din-Rail Type Powered by 12-56VDC

Applications



Features

- 4-port Gigabit 30W PoE +2-port Gigabit RJ45 + 2-port Gigabit SFP
- **12V~56VDC Input Power**
- 6KV PoE surge protection
- -40°C ~ 75°C operating temperature
- 12~56VDC input power



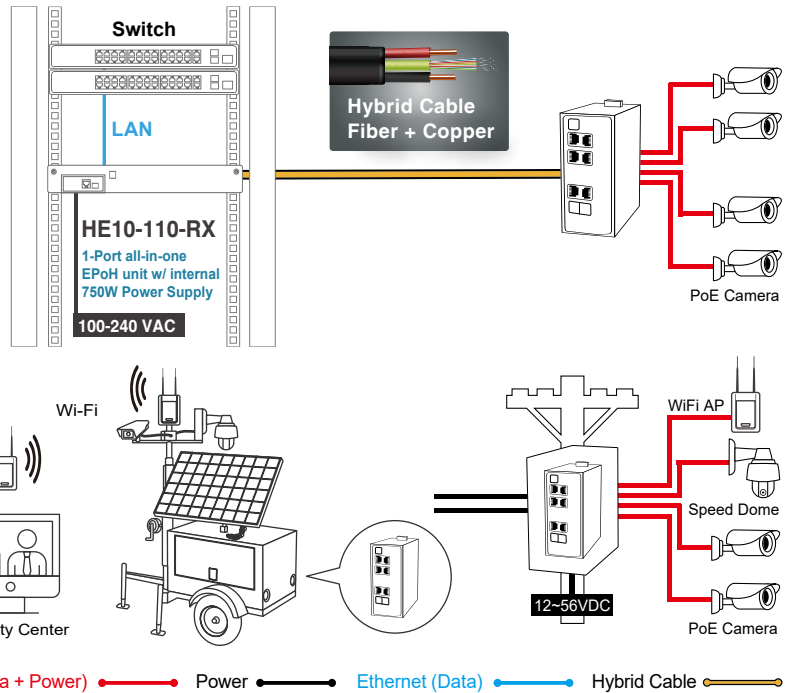
Features

- **30W at, 60W/90W bt PoE output**
- 4-port Gigabit 90W bt PoE +2-port Gigabit RJ45 + 2-port Gigabit SFP
- **12V~56VDC Input Power**
- 6KV PoE surge protection
- -40°C ~ 75°C operating temperature
- 12~56VDC input power



Features

- 8-port Gigabit 30W PoE + 2-port Gigabit SFP
- **12V~56VDC Input Power**
- 6KV PoE surge protection
- -40°C ~ 75°C operating temperature
- 12~56VDC input power



Related Products

SFP Transceiver

 SFP-SX-X5 1.25G Multi-Mode SFP 850nm, 0.5KM, 0°C ~ 70°C	 SFP-SX-02 1.25G Multi-Mode SFP, LC 1310nm, 2KM, 0°C ~ 70°C	 SFP-LX-10 1.25G Single-Mode SFP, LC 1310nm, 10KM, 0°C ~ 70°C	 SFP-LX-40 1.25G Single-Mode SFP, LC 1310nm, 40KM, 0°C ~ 70°C	 SFP-LX-80 1.25G Single-Mode SFP, LC 1310nm, 80KM, 0°C ~ 70°C	 SFP-TX-X1 1000BaseT, SFP to RJ45 100M, 0°C ~ 70°C
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Industrial SFP Transceiver

 SFP-ISX-X5 1.25G Multi-Mode SFP 850nm, 0.5KM, -40°C ~ 85°C	 SFP-ISX-02 1.25G Multi-Mode SFP, LC 1310nm, 2KM, -40°C ~ 85°C	 SFP-ILX-10 1.25G Single-Mode SFP, LC 1310nm, 10KM, -40°C ~ 85°C	 SFP-ILX-40 1.25G Single-Mode SFP, LC 1310nm, 40KM, -40°C ~ 85°C	 SFP-ILX-80 1.25G Single-Mode SFP, LC 1310nm, 80KM, -40°C ~ 85°C	 SFP-ITX-X1 1000BaseT, SFP to RJ45 100M, -40°C ~ 85°C
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SFP+ Transceiver

 SFPP-SR-X3 10G Multi-Mode SFP+LC 850nm, 0.3KM, 0°C ~ 70°C	 SFPP-LR-10 10G Single-Mode SFP+LC 1310nm, 10KM, 0°C ~ 70°C	 SFPP-ER-40 10G Single-Mode SFP+LC 1310nm, 40KM, 0°C ~ 70°C	 SFPP-ZR-80 10G Single-Mode SFP+LC 1310nm, 80KM, 0°C ~ 70°C	 SFPP-TX-X03 10G, SFP+ to RJ45, 30M 0°C ~ 70°C
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Industrial SFP+ Transceiver

 SFPP-ISR-X3 IND 10G SFP+, MMF, 850NM, 300M	 SFPP-ILR-10 IND 10G SFP+, SMF, 1310NM, 10KM	 SFPP-IER-40 IND 10G SFP+, SMF, 1550NM, 40KM
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BiDi SFP Transceiver

 SFP-ALX-02 1.25G SFP,MMF Bi-Di, TX:1310NM / RX:1550NM,2KM	 SFP-BLX-02 1.25G SFP,MMF Bi-Di, TX:1550NM / RX:1310NM,2KM
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BiDi SFP Transceiver

 SFP-ALX-20 1.25G SFP,SMF Bi-Di, TX:1310NM / RX:1550NM,20KM	 SFP-BLX-20 1.25G SFP,SMF Bi-Di, TX:1550NM / RX:1310NM,20KM	 SFP-ALX-40 1.25G SFP,SMF Bi-Di, TX:1310NM / RX:1550NM,20KM
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Industrial BiDi SFP Transceiver

 SFP-IALX-02 IND 1.25G SFP,MMF Bi-Di, TX:1310NM / RX:1550NM,2KM

Related Products

Industrial BiDi SFP Transceiver

 <p>SFP-IBLX-02 IND 1.25G SFP,MMF Bi-Di, TX:1550NM / RX:1310NM,2KM</p>	 <p>SFP-IALX-20 IND 1.25G SFP,SMF Bi-Di, TX:1310NM / RX:1550NM,20KM</p>	 <p>SFP-IBLX-20 IND 1.25G SFP,SMF Bi-Di, TX:1550NM / RX:1310NM,20KM</p>	 <p>SFP-IALX-40 IND 1.25G SFP,SMF Bi-Di, TX:1310NM / RX:1550NM,40KM</p>	 <p>SFP-IBLX-40 IND 1.25G SFP,SMF Bi-Di, TX:1550NM / RX:1310NM,40KM</p>
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BiDi SFP+ Transceiver

 <p>SFPP-ALR-02 10G SFP,MMF Bi-Di, TX:1270NM / RX:1330NM,2KM</p>	 <p>SFPP-BLR-02 10G SFP,MMF Bi-Di, TX:1330NM / RX:1270NM,2KM</p>	 <p>SFPP-ALR-20 10G SFP,SMF Bi-Di, TX:1270NM / RX:1330NM,20KM</p>	 <p>SFPP-BLR-20 10G SFP,SMF Bi-Di, TX:1330NM / RX:1270NM,20KM</p>	 <p>SFPP-ALR-40 10G SFP,SMF Bi-Di, TX:1270NM / RX:1330NM,40KM</p>
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BiDi SFP+ Transceiver	Pole Mount	Corner Mount		Junction Box
 <p>SFPP-BLR-40 10G SFP,SMF Bi-Di, TX:1330NM / RX:1270NM,40KM</p>	 <p>AT-100 Pole Mount Adapter</p>	 <p>AT-101 Pole Mount Adapter</p>	 <p>AT-200 Corner Mount Adapter</p>	 <p>JB-200 Junction Box</p>





Industrial Power Supply

 <p>NDR-75-48 Indoor Industrial Din-Rail Power Supply, 48 V AC/DC/40W -20°C ~ 70°C</p>	 <p>NDR-120-48 Indoor Industrial Din-Rail Power Supply, 48~55VDC/120W -20°C ~ 70°C</p>	 <p>NDR-240-48 Indoor Industrial Din-Rail Power Supply, 48~55VDC/240W -20°C ~ 70°C</p>	 <p>NDR-480-48 Indoor Industrial Din-Rail Power Supply, 48~55VDC/480W -20°C ~ 70°C</p>	 <p>MDR-10-12 Indoor Industrial Din-Rail Power Supply, 12 V AC/DC/10W -20°C ~ 70°C</p>
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Industrial Power Supply

 <p>MDR-40-48 Indoor Industrial Din-Rail Power Supply, 48 V AC/DC/40W -20°C ~ 70°C</p>	 <p>HLG-120H-54 Outdoor Industrial Power Supply 54VDC/120W -40°C ~ 70°C, IP67</p>	 <p>HLG-240H-54 Outdoor Industrial Power Supply 54VDC/240W -40°C ~ 70°C, IP67</p>	 <p>DRL-48V120W1EN Indoor Industrial Din-Rail Power Supply 48V, 120W</p>	 <p>DRL-48V240W1EN Indoor Industrial Din-Rail Power Supply 48V, 240W</p>
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Fiber Splice Tray

 <p>AT-300 Fiber Splice Tray For H40-044/082 Series &H21-082 use.</p>	 <p>AT-301 Fiber Splice Tray For H80 Series use.</p>	 <p>AT-302 Fiber Splice Tray For H40/H42/H40-A Series use.</p>	 <p>AT-303 Fiber Splice Tray For H40-V3/H60 Series use.</p>
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Side opening alarm switch kit

 <p>BK-402 Side opening alarm switch kit For H40 Series & H60 Series use.</p>	 <p>BK-403 Side opening alarm switch kit For H80-044-30-150 H80-084-30-250 use.</p>	 <p>BK-404 Side opening alarm switch kit For H40/H42/H40-A Series use.</p>
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L2 PRO PoE Switch Product Guide

L2 PoE Switch

- Outdoor IP67/IK10
- Industrial
- Indoor

L2 PRO PoE Switch

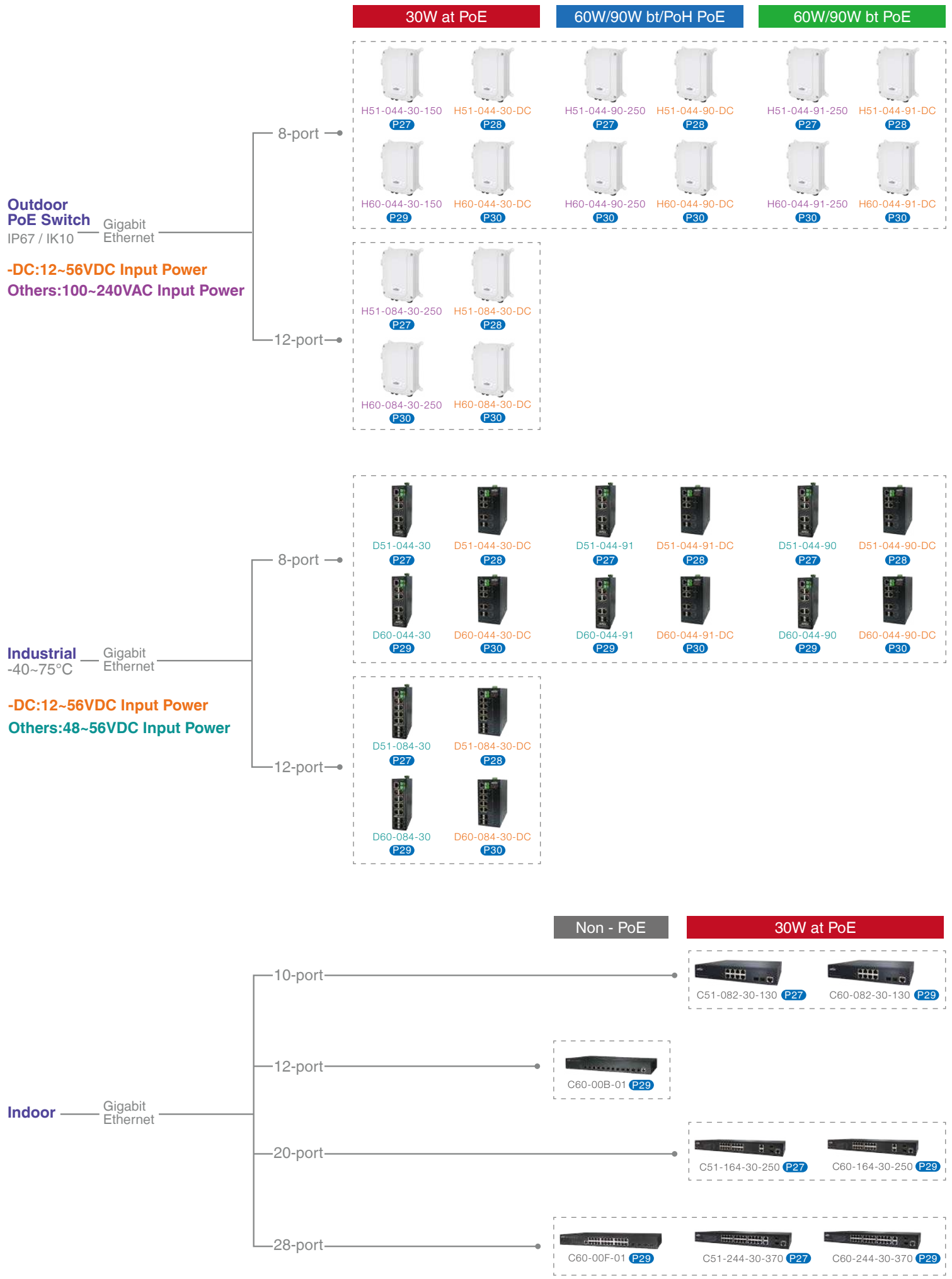
- Outdoor IP67/IK10
- Industrial
- Indoor

10G L2 PRO Switch

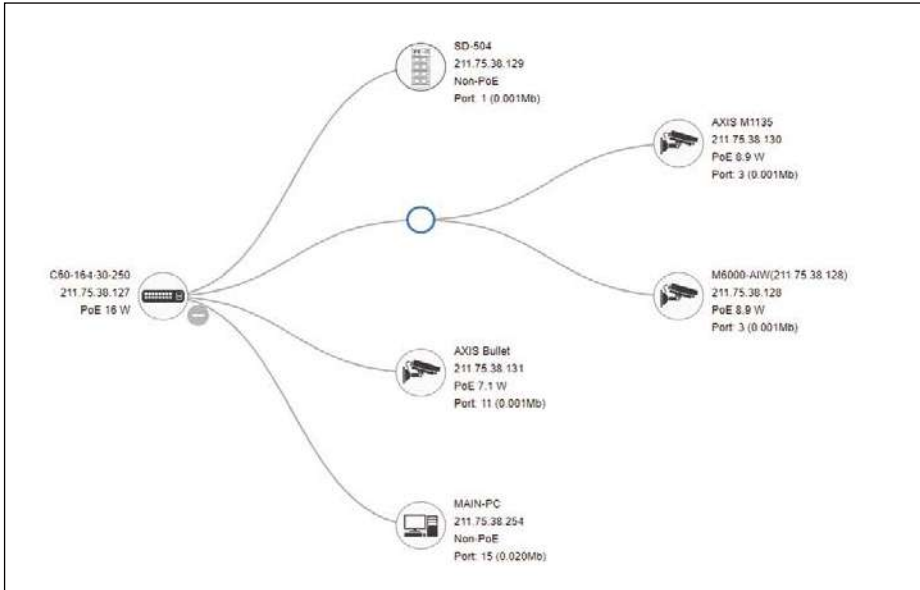
- Indoor



Outdoor / Industrial / Indoor L2 & L2 PRO Gigabit Ethernet PoE Switch



Network Topology System



Camera Dashboard

C8-0-H4A-B2-101610291590... X

Device Type	IP Camera
Device Name	C8-0-H4A-B2-101610291590.AVI
Model Name	Avigilon 8.0-H4A-B2
Mac Address	00-18-85-14-c6-b6
IP Address	192.168.1.101
Http Port	80
PoE Used	7.4 W

Login
Diagnostics
PoE Reboot

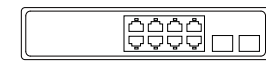
Dashboard
Notification
Monitor

Diagnostics

Diagnostics

- 192.168.1.1
 - Connection.....
 - Cable status.....
- 192.168.1.101

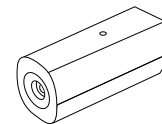
PoE Reboot



C51-082-30-130



Reboot PoE Camera



PoE Camera

Floor Map View

Floor Map View

Home Graphical Monitoring Floor View

Device type filter > Show All

Update: 2021/09/29 17:44:22 OK. 0.7s

- AETEK C60-164-30-250
C60-16p @ 204 name
192.168.10.204
68:SD:B6:00:CC:00
- Avigilon 8.0-H4A-B2
8.0-H4A-B2(1361590)
192.168.10.120
00:18:85:14:C6:B6
- Avigilon 12.0-H4F-DO1-IR
12.0-H4F-DO1-IR(110140)
192.168.10.153
00:1F:92:01:AE:3C
- AETEK H60-084-30-250
H60-8p @ 203 name
192.168.10.203
68:SD:B6:00:CB:00
- AETEK H60-084-30-250
H60-8p @ 209 name
192.168.10.209
68:SD:B6:00:D1:00
- AETEK M6000-AIW

Draggable: ONE

Google Map View

Map View

Home Graphical Monitoring Map View

Search Box

Device type filter > Show All

Update: 2021/09/29 17:48:45 OK 1.4s

Device Dashboard

Device Type: PoE Switches

Device Name: H60-8p @ 203 name

Model Name: H60-084-30-250

MAC Address: 68:8D:B6:00:CB:00

IP Address: 192.168.10.203

Http Port: 80

PoE Supply: 2.54 W

API Account: admin203

API Password: passwd203

Buttons: Close, Apply, Upgrade, PoE Config, Dashboard, Notification

Device List

ID	Device Name	Model Name	MAC Address	Status
1	AETEK C60-164-30-250 C60-16p @ 204 name	C60-164-30-250	192.168.10.204	Offline
2	Avigilon 8.0-H4A-B2 8.0-H4A-B2(1361590)	8.0-H4A-B2(1361590)	192.168.10.120	Offline
3	Avigilon 12.0-H4F-DOI-IR 12.0-H4F-DOI-IR(110140)	12.0-H4F-DOI-IR(110140)	192.168.10.153	Offline
4	AETEK H60-084-30-250 H60-8p @ 203 name	H60-084-30-250	192.168.10.203	Online
5	AETEK H60-084-30-250 H60-8p @ 209 name	H60-084-30-250	192.168.10.209	Online
6	AETEK M6000-AIW M6000-AIW	M6000-AIW	192.168.10.165	Online

L2 PRO Gigabit PoE Switch Dashboard

PoE Config

Device Type: PoE Switches

Device Name: H60-4p-90 @ 70 name

Model Name: H60-044-90-250

MAC Address: 00:E0:4C:86:70:99

IP Address: 192.168.10.70

PoE Supply: 0 W

PoE Auto Checking: DISABLE

Port	PoE Mode
1	DISABLE
2	DISABLE
3	802.3at PoE (80W)
4	PoE (90W)
	DISABLE

Buttons: Back, Apply, Dashboard, Notification

Device List

ID	Device Name	Model Name	MAC Address	Status
1	AETEK C60-008-01 C60-00F-01	C60-008-01	192.168.10.208	Offline
2	AETEK D60-084-30 D60-8p @ 203 name	D60-084-30	192.168.10.209	Offline
3	Avigilon 12.0-H4F-DOI-IR 12.0-H4F-DOI-IR(110140)	12.0-H4F-DOI-IR(110140)	192.168.10.153	Offline
4	AETEK H60-084-30-250 H60-8p @ 203 name	H60-084-30-250	192.168.10.203	Online
5	General Computer FC2564	FC2564	00:50:56:2D:FA:AC	Online
6	ASUSTek Unknown model Unknown name	Unknown model	192.168.10.1	Online
7	Unknown model Unknown name	Unknown model	94:C6:91:5F:9E:EA	Online
8	General Computer MIS-TEMP-NB4	MIS-TEMP-NB4	192.168.10.192	Online

Device List

Show 10 entries

Search:

Status	Device Type	Model Name	Device Name	MAC	IP Address
Online	PoESW	H60-084-30-250	H60-8p @ 203 name	68:8D:B6:00:CB:00	192.168.10.203
Online	PoESW	H60-084-30-250	H60-8p @ 209 name	68:8D:B6:00:D1:00	192.168.10.209
Online	IPMX	M6000-AIW	M6000-AIW	68:8D:B6:01:E1:B1	192.168.10.165
Online	IP Camera	SNC-VB635	Sony	D8:D4:3C:DD:F5:C7	192.168.10.122
Online	IP Camera	WV-S1131	Panasonic_WV-S1131	BC:C3:42:71:79:D0	192.168.10.104
Online	IPSG	SD-504	SD-504	68:8D:B6:00:00:01	192.168.10.108
Online	PC	General Computer	FC2564	00:50:56:2D:FA:AC	192.168.10.201
Online	Others	Unknown model	Unknown name	04:D4:C4:2C:B5:EC	192.168.10.1
Online	Others	Unknown model	Unknown name	94:C6:91:5F:9E:EA	192.168.10.180
Online	PC	General Computer	MIS-TEMP-NB4	A0:A8:CD:26:FE:FD	192.168.10.192

Showing 1 to 10 of 29 entries

Edit

Previous 1 2 3 Next

Outdoor / Industrial L2 & L2 PRO Gigabit Ethernet PoE Switch

C51 Series - Indoor L2 Gigabit Ethernet PoE Switch w/o Network Topology System

Features

- 8-port Gigabit 30W PoE + 2-port Gigabit SFP
- 6KV PoE surge protection
- IEEE 802.3at compliant
- 100~240VAC input power

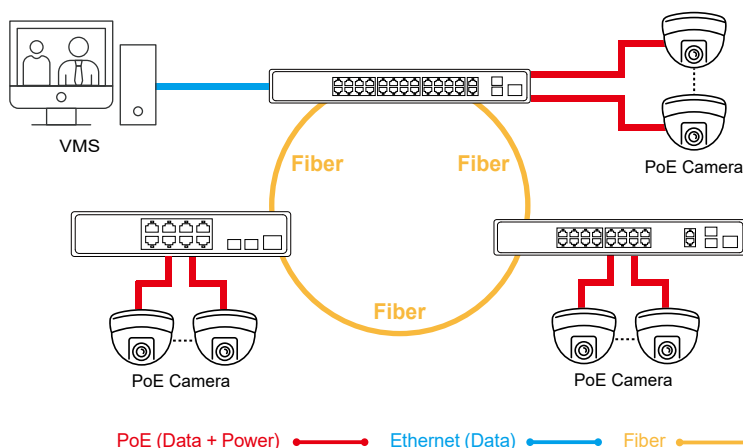
Features

- 16-port Gigabit 30W PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 6KV PoE surge protection
- IEEE 802.3at compliant
- 100~240VAC input power

Features

- 24-port Gigabit 30W PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 6KV PoE surge protection
- IEEE 802.3at compliant
- 100~240VAC input power

Application



C51-082-30-130

C51-164-30-250

C51-244-30-370

D51 Series - Din-Rail Industrial L2 Gigabit Ethernet PoE Switch w/o Network Topology System

Features

- 4-port Gigabit 30W PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 6KV PoE surge protection
- -40°C ~ 75°C operating temperature
- 48~56VDC input power

Features

- 4-port Gigabit 90W bt / PoH PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 6KV PoE surge protection
- -40°C ~ 75°C operating temperature
- 48~56VDC input power

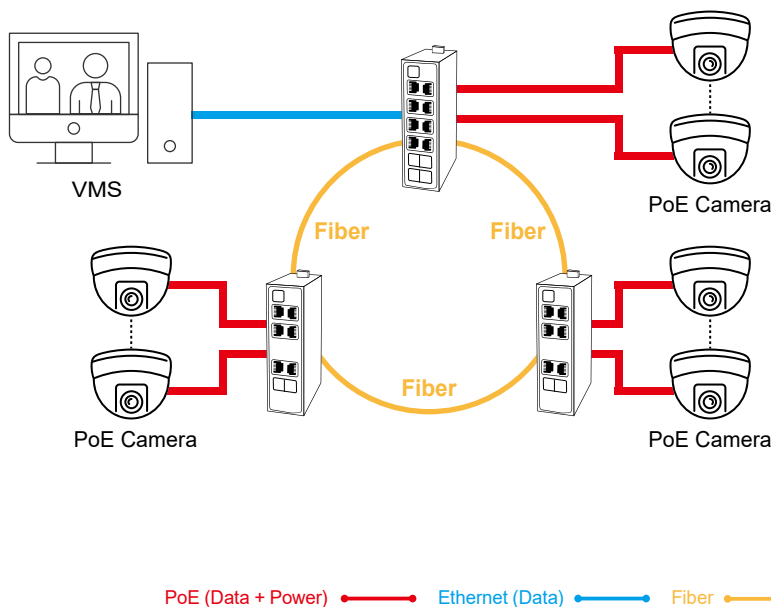
Features

- 4-port Gigabit 90W bt PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 6KV PoE surge protection
- -40°C ~ 75°C operating temperature
- 48~56VDC input power

Features

- 8-port Gigabit 30W PoE + 4-port Gigabit SFP
- 6KV PoE surge protection
- -40°C ~ 75°C operating temperature
- 48~56VDC input power

Application



D51-044-30

D51-044-90

D51-044-91

D51-084-30

H51 Series - Outdoor IP67/IK10 L2 Gigabit Ethernet PoE Switch w/o Network Topology System

Features

- IP67, IK10, -40°C~ 65°C
- 4-port Gigabit 30W PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 6KV PoE surge protection
- 100~240VAC input power

Features

- IP67, IK10, -40°C~ 65°C
- 4-port Gigabit 90W bt / PoH PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 6KV PoE surge protection
- 100~240VAC input power

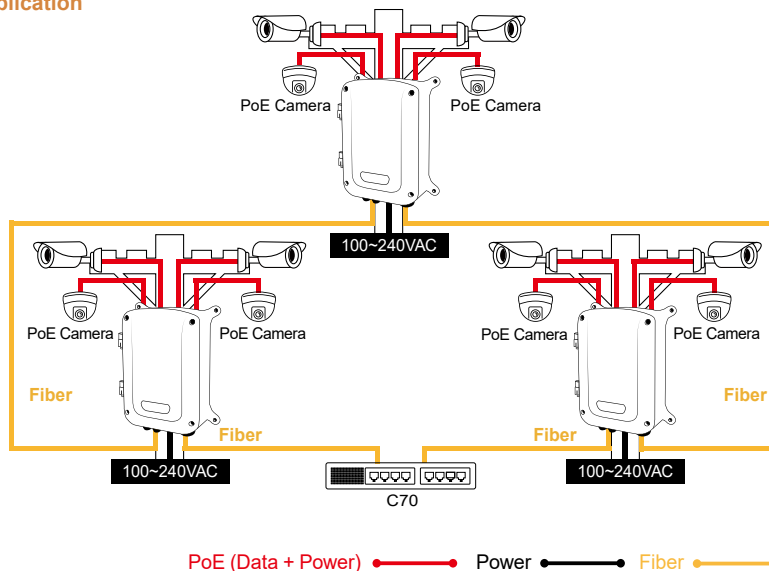
Features

- IP67, IK10, -40°C~ 65°C
- 4-port Gigabit 90W bt PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 6KV PoE surge protection
- 100~240VAC input power

Features

- IP67, IK10, -40°C~ 65°C
- 8-port Gigabit 30W PoE + 4-port Gigabit SFP
- 6KV PoE surge protection
- 100~240VAC input power

Application



H51-044-30-150

H51-044-90-250

H51-044-91-250

H51-084-30-250

Outdoor / Industrial L2 & L2 PRO Gigabit Ethernet PoE Switch

D51 Series - Din-Rail Industrial L2 Gigabit Ethernet PoE Switch by 12-56VDC w/o Network Topology System



D51-044-30-DC

Features

- 4-port Gigabit 30W PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 6KV PoE surge protection
- -40°C ~ 75°C operating temperature
- 12~56VDC input power



D51-044-90-DC

Features

- 4-port Gigabit 90W bt / PoH PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 6KV PoE surge protection
- -40°C ~ 75°C operating temperature
- 12~56VDC input power



D51-044-91-DC

Features

- 4-port Gigabit 90W bt PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 6KV PoE surge protection
- -40°C ~ 75°C operating temperature
- 12~56VDC input power

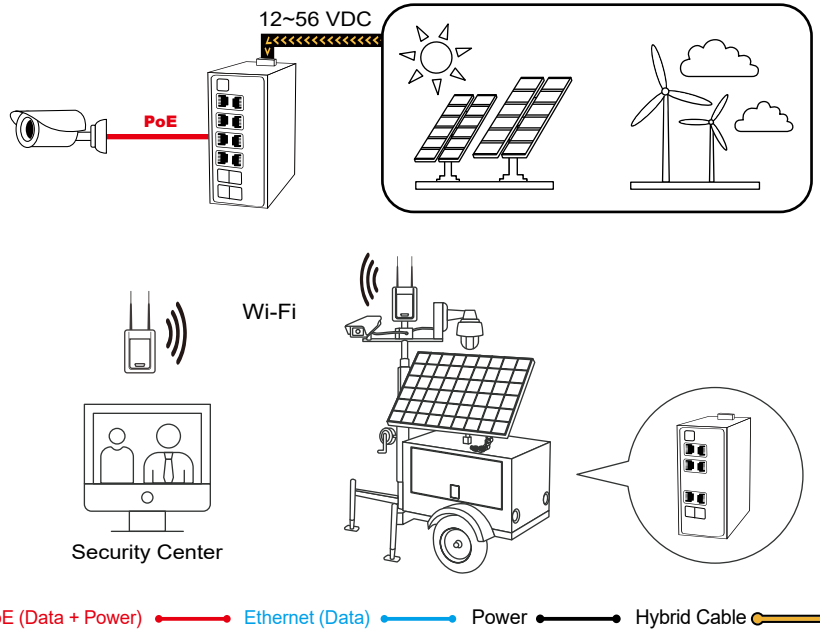


D51-084-30-DC

Features

- 8-port Gigabit 30W PoE + 4-port Gigabit SFP
- 6KV PoE surge protection
- -40°C ~ 75°C operating temperature
- 12~56VDC input power

Application



H51 Series - Outdoor IP67/IK10 L2 Gigabit Ethernet PoE Switch by 12-56VDC w/o Network Topology System



H51-044-30-DC

Features

- IP67, IK10, -40°C~ 65°C
- 4-port Gigabit 30W PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 6KV PoE surge protection
- 12~56VDC input power



H51-044-90-DC

Features

- IP67, IK10, -40°C~ 65°C
- 4-port Gigabit 90W bt / PoH PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 6KV PoE surge protection
- 12~56VDC input power



H51-044-91-DC

Features

- IP67, IK10, -40°C~ 65°C
- 4-port Gigabit 90W bt PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 6KV PoE surge protection
- 12~56VDC input power

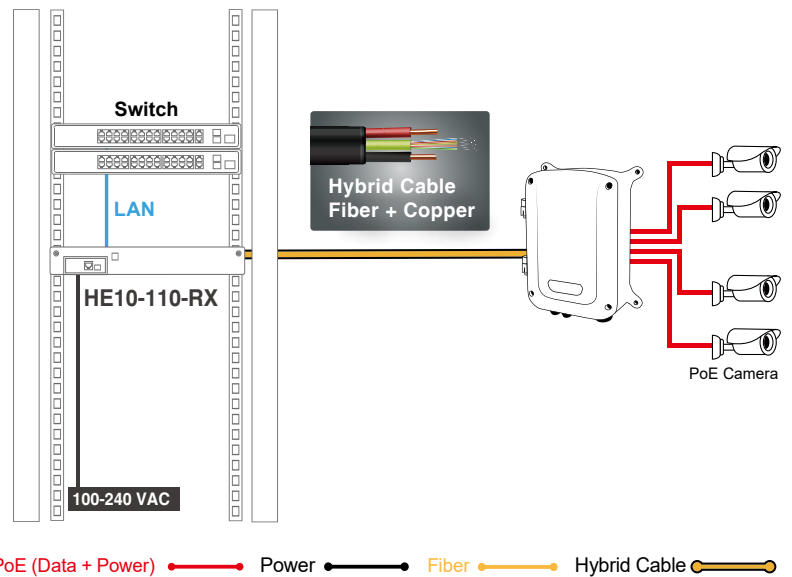


H51-084-30-DC

Features

- IP67, IK10, -40°C~ 65°C
- 8-port Gigabit 30W PoE + 4-port Gigabit SFP
- 6KV PoE surge protection
- 12~56VDC input power

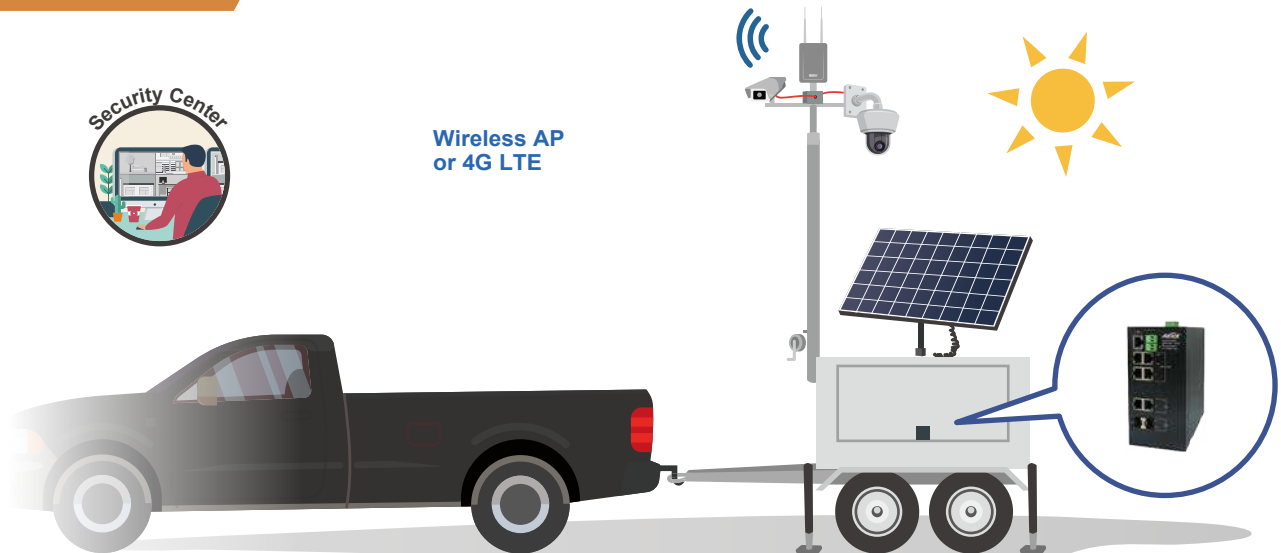
Application



Mobile Surveillance Trailer



Wireless AP or 4G LTE



Outdoor / Industrial L2 PRO Gigabit Ethernet PoE Switch

C60 Series - Indoor L2 PRO 10G Ethernet Switch



C60-00B-01

Features

- Full 10G Solution
- Indoor 12x1G/10G SFP+
- 100-240VAC
- 0°C ~ 50°C (32°F ~ 122°F)
- 100~240VAC input power

Features

- Indoor 24-port Gigabit RJ45 + 4x1G/10G SFP+
- 100-240VAC
- 0°C ~ 50°C (32°F ~ 122°F)
- 100~240VAC input power



C60-00F-01

C60 Series - Indoor L2 PRO Gigabit Ethernet PoE Switch



C60-082-30-130

Features

- Supports NTS
- 8-port Gigabit 30W PoE + 2-port Gigabit SFP
- 6KV PoE surge protection
- IEEE 802.3at compliant
- 100~240VAC input power

Features

- Supports NTS
- 16-port Gigabit 30W PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 6KV PoE surge protection
- IEEE 802.3at compliant
- 100~240VAC input power



C60-164-30-250

Features

- Supports NTS
- 24-port Gigabit 30W PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 6KV PoE surge protection
- IEEE 802.3at compliant
- 100~240VAC input power



C60-244-30-370

D60 Series - Din-Rail Industrial L2 PRO Gigabit Ethernet PoE Switch



D60-044-30

Features

- Supports NTS
- 4-port Gigabit 30W PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 6KV PoE surge protection
- -40°C ~ 75°C operating temperature
- 48~56VDC input power



D60-044-90

Features

- Supports NTS
- 4-port Gigabit 90W bt/PoH PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 6KV PoE surge protection
- -40°C ~ 75°C operating temperature
- 48~56VDC input power



D60-044-91

Features

- Supports NTS
- 4-port Gigabit 90W bt PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 6KV PoE surge protection
- -40°C ~ 75°C operating temperature
- 48~56VDC input power



D60-084-30

Features

- Supports NTS
- 8-port Gigabit 30W PoE + 4-port Gigabit SFP
- 6KV PoE surge protection
- -40°C ~ 75°C operating temperature
- 48~56VDC input power

H60 Series - Outdoor IP67/IK10 L2 PRO Gigabit Ethernet PoE Switch



H60-044-30-150

Features

- Supports NTS
- IP67, IK10, -40°C~ 65°C
- 4-port Gigabit 30W PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 6KV PoE surge protection
- 100~240VAC input power

Application



Outdoor / Industrial L2 PRO Gigabit Ethernet PoE Switch

H60 Series - Outdoor IP67/IK10 L2 PRO Gigabit Ethernet PoE Switch



H60-044-90-250

Features

- Supports NTS
- IP67, IK10, -40°C~ 65°C
- 4-port Gigabit 90W bt/PoH PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 6KV PoE surge protection
- 100~240VAC input power



H60-044-91-250

Features

- Supports NTS
- IP67, IK10, -40°C~ 65°C
- 4-port Gigabit 90W bt PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 6KV PoE surge protection
- 100~240VAC input power

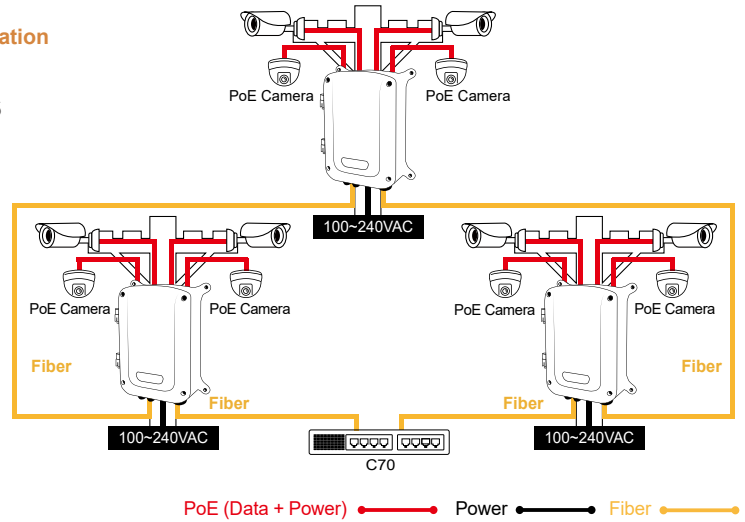


H60-084-30-250

Features

- Supports NTS
- IP67, IK10, -40°C~ 65°C
- 8-port Gigabit 30W PoE + 4-port Gigabit SFP
- 6KV PoE surge protection
- 100~240VAC input power

Application



D60-DC Series - Din-Rail Industrial L2 PRO Gigabit Ethernet PoE Switch Powered by 12-56VDC



D60-044-30-DC

Features

- Supports NTS
- 4-port Gigabit 30W PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 6KV PoE surge protection
- -40°C ~ 75°C operating temperature
- 12~56VDC input power



D60-044-90-DC

Features

- Supports NTS
- 4-port Gigabit 90W bt/PoH PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 6KV PoE surge protection
- -40°C ~ 75°C operating temperature
- 12~56VDC input power



D60-044-91-DC

Features

- Supports NTS
- 4-port Gigabit 90W bt PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 6KV PoE surge protection
- -40°C ~ 75°C operating temperature
- 12~56VDC input power

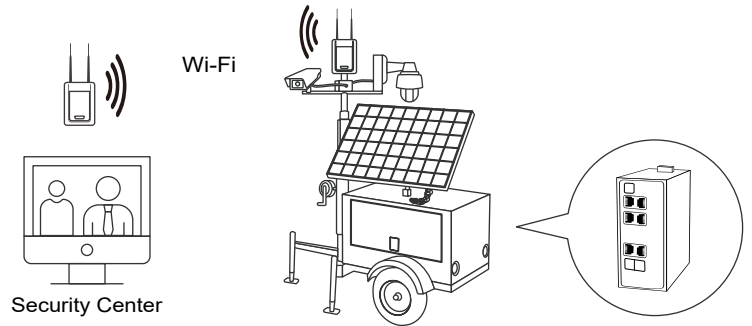


D60-084-30-DC

Features

- Supports NTS
- 8-port Gigabit 30W PoE + 4-port Gigabit SFP
- 6KV PoE surge protection
- -40°C ~ 75°C operating temperature
- 12~56VDC input power

Application



H60-DC Series - Outdoor IP67/IK10 L2 PRO Gigabit Ethernet PoE Switch Powered by 12-56VDC



H60-044-30-DC

Features

- Supports NTS
- IP67, IK10, -40°C~ 65°C
- 4-port Gigabit 30W PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 6KV PoE surge protection
- 12~56VDC input power



H60-044-90-DC

Features

- Supports NTS
- IP67, IK10, -40°C~ 65°C
- 4-port Gigabit 90W bt/PoH PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 6KV PoE surge protection
- 12~56VDC input power



H60-044-91-DC

Features

- Supports NTS
- IP67, IK10, -40°C~ 65°C
- 4-port Gigabit 90W bt PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 6KV PoE surge protection
- 12~56VDC input power

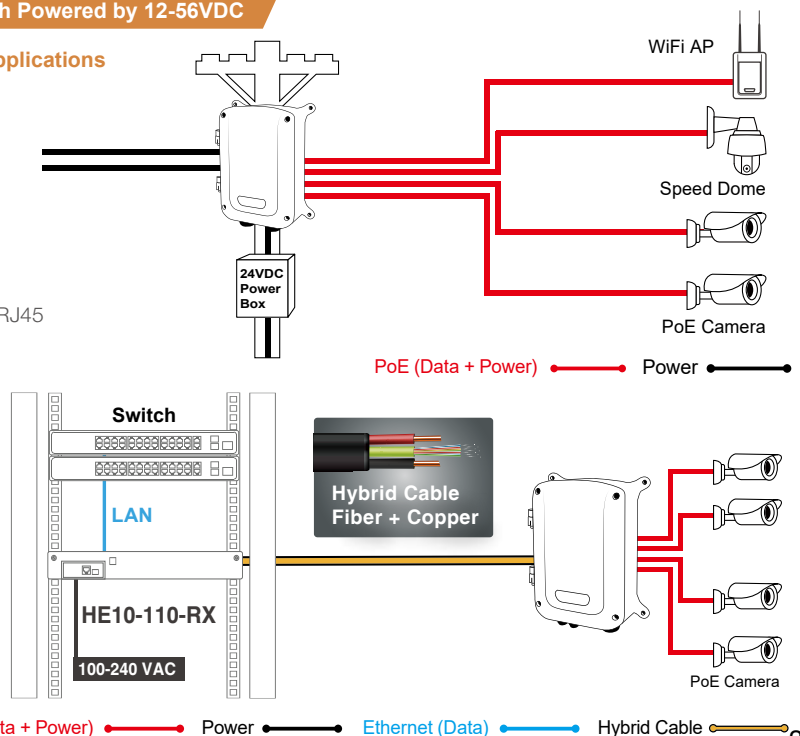


H60-084-30-DC

Features

- Supports NTS
- IP67, IK10, -40°C~ 65°C
- 8-port Gigabit 30W PoE + 4-port Gigabit SFP
- 6KV PoE surge protection
- 12~56VDC input power

Applications



Related Products

SFP Transceiver

 SFP-SX-X5 1.25G Multi-Mode SFP 850nm, 0.5KM, 0°C ~ 70°C	 SFP-SX-02 1.25G Multi-Mode SFP, LC 1310nm, 2KM, 0°C ~ 70°C	 SFP-LX-10 1.25G Single-Mode SFP, LC 1310nm, 10KM, 0°C ~ 70°C	 SFP-LX-40 1.25G Single-Mode SFP, LC 1310nm, 40KM, 0°C ~ 70°C	 SFP-LX-80 1.25G Single-Mode SFP, LC 1310nm, 80KM, 0°C ~ 70°C	 SFP-TX-X1 1000BaseT, SFP to RJ45 100M, 0°C ~ 70°C
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Industrial SFP Transceiver

 SFP-ISX-X5 1.25G Multi-Mode SFP 850nm, 0.5KM, -40°C ~ 85°C	 SFP-ISX-02 1.25G Multi-Mode SFP, LC 1310nm, 2KM, -40°C ~ 85°C	 SFP-ILX-10 1.25G Single-Mode SFP, LC 1310nm, 10KM, -40°C ~ 85°C	 SFP-ILX-40 1.25G Single-Mode SFP, LC 1310nm, 40KM, -40°C ~ 85°C	 SFP-ILX-80 1.25G Single-Mode SFP, LC 1310nm, 80KM, -40°C ~ 85°C	 SFP-ITX-X1 1000BaseT, SFP to RJ45 100M, -40°C ~ 85°C
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SFP+ Transceiver

 SFPP-SR-X3 10G Multi-Mode SFP+LC 850nm, 0.3KM, 0°C ~ 70°C	 SFPP-LR-10 10G Single-Mode SFP+LC 1310nm, 10KM, 0°C ~ 70°C	 SFPP-ER-40 10G Single-Mode SFP+LC 1310nm, 40KM, 0°C ~ 70°C	 SFPP-ZR-80 10G Single-Mode SFP+LC 1310nm, 80KM, 0°C ~ 70°C	 SFPP-TX-X03 10G, SFP+ to RJ45, 30M 0°C ~ 70°C
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Industrial SFP+ Transceiver

 SFPP-ISR-X3 IND 10G SFP+, MMF, 850NM, 300M	 SFPP-ILR-10 IND 10G SFP+, SMF, 1310NM, 10KM	 SFPP-IER-40 IND 10G SFP+, SMF, 1550NM, 40KM
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BiDi SFP Transceiver

 SFP-ALX-02 1.25G SFP,MMF Bi-Di, TX:1310NM / RX:1550NM,2KM	 SFP-BLX-02 1.25G SFP,MMF Bi-Di, TX:1550NM / RX:1310NM,2KM
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BiDi SFP Transceiver

 SFP-ALX-20 1.25G SFP,SMF Bi-Di, TX:1310NM / RX:1550NM,20KM	 SFP-BLX-20 1.25G SFP,SMF Bi-Di, TX:1550NM / RX:1310NM,20KM	 SFP-ALX-40 1.25G SFP,SMF Bi-Di, TX:1310NM / RX:1550NM,20KM
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Industrial BiDi SFP Transceiver

 SFP-IALX-02 IND 1.25G SFP,MMF Bi-Di, TX:1310NM / RX:1550NM,2KM
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Industrial BiDi SFP Transceiver

 SFP-IBLX-02 IND 1.25G SFP,MMF Bi-Di, TX:1550NM / RX:1310NM,2KM	 SFP-IALX-20 IND 1.25G SFP,SMF Bi-Di, TX:1310NM / RX:1550NM,20KM	 SFP-IBLX-20 IND 1.25G SFP,SMF Bi-Di, TX:1550NM / RX:1310NM,20KM	 SFP-IALX-40 IND 1.25G SFP,SMF Bi-Di, TX:1310NM / RX:1550NM,40KM	 SFP-IBLX-40 IND 1.25G SFP,SMF Bi-Di, TX:1550NM / RX:1310NM,40KM
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BiDi SFP+ Transceiver

 SFPP-ALR-02 10G SFP,MMF Bi-Di, TX:1270NM / RX:1330NM,2KM	 SFPP-BLR-02 10G SFP,MMF Bi-Di, TX:1330NM / RX:1270NM,2KM	 SFPP-ALR-20 10G SFP,SMF Bi-Di, TX:1270NM / RX:1330NM,20KM	 SFPP-BLR-20 10G SFP,SMF Bi-Di, TX:1330NM / RX:1270NM,20KM	 SFPP-ALR-40 10G SFP,SMF Bi-Di, TX:1270NM / RX:1330NM,40KM
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BiDi SFP+ Transceiver

 SFPP-BLR-40 10G SFP,SMF Bi-Di, TX:1330NM / RX:1270NM,40KM

Pole Mount

 AT-100 Pole Mount Adapter
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Corner Mount

 AT-101 Pole Mount Adapter
--

Corner Mount

 AT-200 Corner Mount Adapter
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Junction Box

 JB-200 Junction Box
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Industrial Power Supply

 NDR-75-48 Indoor Industrial Din-Rail Power Supply, 48 V AC/DC/40W -20°C ~ 70°C	 NDR-120-48 Indoor Industrial Din-Rail Power Supply, 48~55VDC/120W -20°C ~ 70°C	 NDR-240-48 Indoor Industrial Din-Rail Power Supply, 48~55VDC/240W -20°C ~ 70°C	 NDR-480-48 Indoor Industrial Din-Rail Power Supply, 48~55VDC/480W -20°C ~ 70°C	 MDR-10-12 Indoor Industrial Din-Rail Power Supply, 12 V AC/DC/10W -20°C ~ 70°C
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Related Products

Industrial Power Supply



MDR-40-48
Indoor Industrial Din-Rail Power Supply, 48 V AC/DC/40W
-20°C ~ 70°C



HLG-120H-54
Outdoor Industrial Power Supply
54VDC/120W
-40°C ~ 70°C, IP67



HLG-240H-54
Outdoor Industrial Power Supply
54VDC/240W
-40°C ~ 70°C, IP67



DRL-48V120W1EN
Indoor Industrial Din-Rail Power Supply
48V, 120W



DRL-48V240W1EN
Indoor Industrial Din-Rail Power Supply
48V, 240W

Fiber Splice Tray



AT-300
Fiber Splice Tray
For H40-044/082 Series
& H21-082 use.



AT-301
Fiber Splice Tray
For H80 Series use.



AT-302
Fiber Splice Tray
For H40/H42/H40-A Series use.



AT-303
Fiber Splice Tray
For H40-V3/H60 Series use.

Side opening alarm switch kit



BK-402
Side opening alarm switch kit
For H40 Series & H60 Series use.



BK-403
Side opening alarm switch kit
For H80-044-30-150
H80-084-30-250 use.



BK-404
Side opening alarm switch kit
For H40/H42/H40-A Series use.

Solar Wireless Surveillance





PoE Media Converter Product Guide

Media Converter
PoE Media Converter



Industrial Gigabit PoE Media Converter

Non - PoE

PoE PD

30W at PoE

90W bt PoE

95W PoH PoE

Industrial
-40~75°C

Gigabit
Ethernet
Unmanaged

2-port



4-port



M30 Series - Industrial Gigabit Media Converter



M30-011-01

Features

- 1-port Gigabit RJ45 + 1-port Gigabit SFP
- Support LFP(Link Fault Passthrough)
- 6KV surge protection
- -40°C ~ 75°C operating temperature
- 12~56VDC or 24VAC Input Power

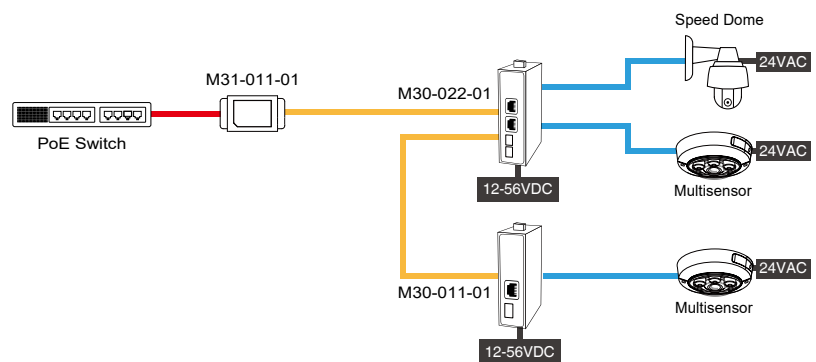


M30-022-01

Features

- 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 6KV surge protection
- -40°C ~ 75°C operating temperature
- 12~56VDC input power

Applications



M30 Series - Industrial Gigabit PoE Media Converter



M30-011-30

Features

- 1-port Gigabit 30W PoE + 1-port Gigabit SFP
- Supports LFP(Link Fault Passthrough)
- 6KV surge protection
- -40°C ~ 75°C operating temperature
- 48~56VDC input power



M30-022-90

Features

- 2-port Gigabit 95W PoH PoE + 2-port Gigabit SFP
- 6KV surge protection
- -40°C ~ 75°C operating temperature
- 48~56VDC input power

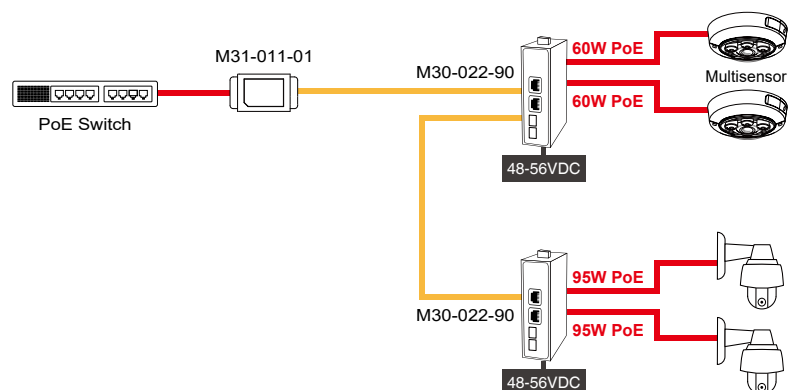


M30-022-91

Features

- 2-port Gigabit 90W bt PoE + 2-port Gigabit SFP
- 6KV surge protection
- -40°C ~ 75°C operating temperature
- 48~56VDC input power

PoE (Data + Power) — Ethernet (Data) — Fiber — Power



M31 Series - Industrial Gigabit PoE PD Media Converter



M31-011-01







Features

- 1-port Gigabit 30W PoE PD + 1-port Gigabit SFP
- Flexible SFP transceiver port for uplink
- Supporting 10/100/1000Mbps data rates
- -40°C ~ 75°C operating temperature
- 30W PoE or 12VDC Input Power

PoE (Data + Power) — Ethernet (Data) — Fiber — Power

Related Products



SFP Transceiver

 SFP-SX-X5 1.25G Multi-Mode SFP 850nm, 0.5KM, 0°C ~ 70°C	 SFP-SX-02 1.25G Multi-Mode SFP, LC 1310nm, 2KM, 0°C ~ 70°C	 SFP-LX-10 1.25G Single-Mode SFP, LC 1310nm, 10KM, 0°C ~ 70°C	 SFP-LX-40 1.25G Single-Mode SFP, LC 1310nm, 40KM, 0°C ~ 70°C	 SFP-LX-80 1.25G Single-Mode SFP, LC 1310nm, 80KM, 0°C ~ 70°C	 SFP-TX-X1 1000BaseT, SFP to RJ45 100M, 0°C ~ 70°C
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Industrial SFP Transceiver

 SFP-ISX-X5 1.25G Multi-Mode SFP 850nm, 0.5KM, -40°C ~ 85°C	 SFP-ISX-02 1.25G Multi-Mode SFP, LC 1310nm, 2KM, -40°C ~ 85°C	 SFP-ILX-10 1.25G Single-Mode SFP, LC 1310nm, 10KM, -40°C ~ 85°C	 SFP-ILX-40 1.25G Single-Mode SFP, LC 1310nm, 40KM, -40°C ~ 85°C	 SFP-ILX-80 1.25G Single-Mode SFP, LC 1310nm, 80KM, -40°C ~ 85°C	 SFP-ITX-X1 1000BaseT, SFP to RJ45 100M, -40°C ~ 85°C
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BiDi SFP Transceiver

 SFP-ALX-02 1.25G SFP,MMF Bi-Di, TX:1310NM / RX:1550NM,2KM	 SFP-BLX-02 1.25G SFP,MMF Bi-Di, TX:1550NM / RX:1310NM,2KM
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BiDi SFP Transceiver

 SFP-ALX-20 1.25G SFP,SMF Bi-Di, TX:1310NM / RX:1550NM,20KM	 SFP-BLX-20 1.25G SFP,SMF Bi-Di, TX:1550NM / RX:1310NM,20KM	 SFP-ALX-40 1.25G SFP,SMF Bi-Di, TX:1310NM / RX:1550NM,20KM
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BiDi SFP Transceiver

 SFP-BLX-40 1.25G SFP,SMF Bi-Di, TX:1550NM / RX:1310NM,20KM
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Industrial BiDi SFP Transceiver

 SFP-IALX-02 IND 1.25G SFP,MMF Bi-Di, TX:1310NM / RX:1550NM,2KM	 SFP-IBLX-02 IND 1.25G SFP,SMF Bi-Di, TX:1550NM / RX:1310NM,2KM	 SFP-IALX-20 IND 1.25G SFP,SMF Bi-Di, TX:1310NM / RX:1550NM,20KM	 SFP-IBLX-20 IND 1.25G SFP,SMF Bi-Di, TX:1550NM / RX:1310NM,20KM
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Industrial BiDi SFP Transceiver

 SFP-IALX-40 IND 1.25G SFP,SMF Bi-Di, TX:1310NM / RX:1550NM,40KM	 SFP-IBLX-40 IND 1.25G SFP,SMF Bi-Di, TX:1550NM / RX:1310NM,40KM
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Industrial Power Supply

 NDR-75-48 Indoor Industrial Din-Rail Power Supply, 48-55VDC/75W -20°C ~ 70°C	 NDR-120-48 Indoor Industrial Din-Rail Power Supply, 48-55VDC/120W -20°C ~ 70°C
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Industrial Power Supply

 NDR-240-48 Indoor Industrial Din-Rail Power Supply, 48-55VDC/240W -20°C ~ 70°C


Industrial Power Supply

 MDR-10-12 Indoor Industrial Din-Rail Power Supply, 12 V AC/DC/10W -20°C ~ 70°C

Industrial Power Supply

 MDR-40-48 Indoor Industrial Din-Rail Power Supply, 48 V AC/DC/40W -20°C ~ 70°C

Accessories

	CH-110-V2 • 19", 1U 8-bay rack mount chassis • For M31-011-01 use
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AETEK



**PoE Switch/PoE Injector
For Solar & Mobile
Surveillance Trailer
Supporting 12~56VDC
Power Input**





Gigabit PoE Injector

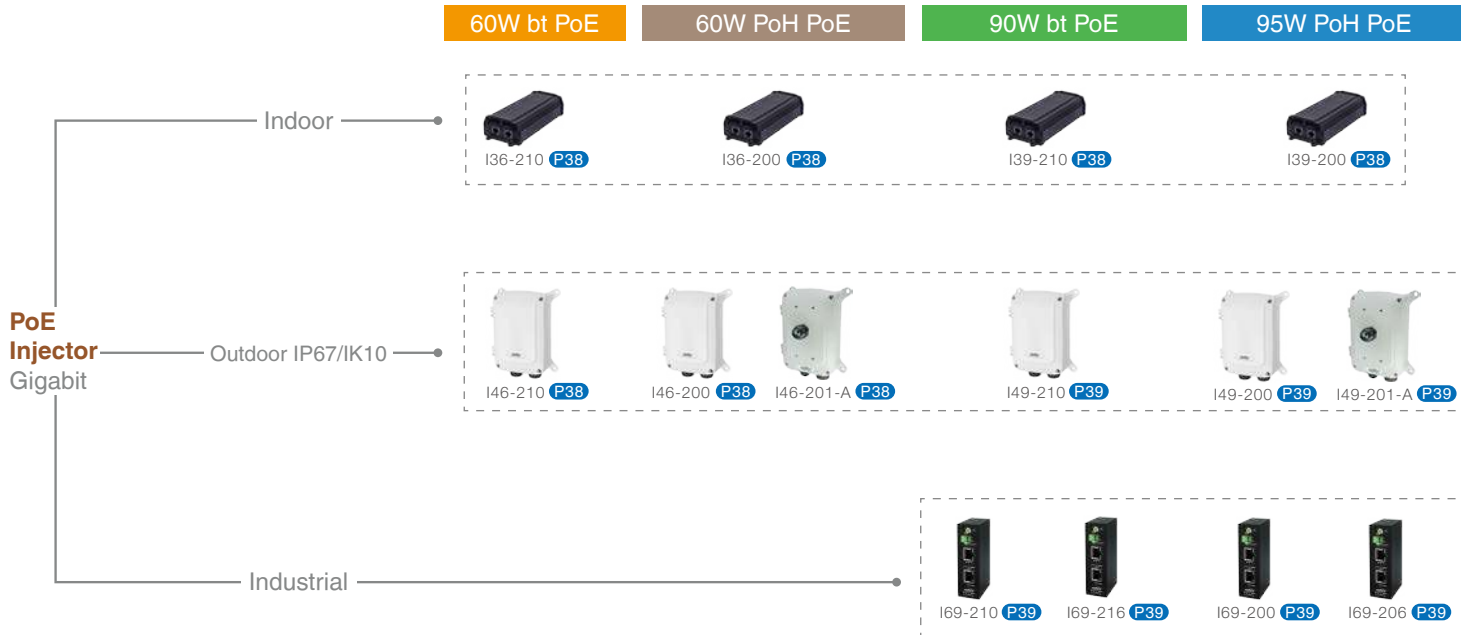
Outdoor IP67/IK10 Gigabit 60W/90W/95W PoE Injector

Industrial Gigabit 90W/95W PoE Injector

Indoor Gigabit 60W/90W/95W PoE Injector



Gigabit PoE Injector



I36 Series - Indoor Gigabit 60W PoE Injector



I36-200

Features

- 60W PoH PoE output
- 6KV PoE surge protection
- Supports 10/100/1000Mbps data rates
- IEEE 802.3at/af compliant
- 100~240VAC input power



I36-210

Features

- 60W bt PoE output
- 6KV PoE surge protection
- Supports 10/100/1000Mbps data rates
- IEEE 802.3bt/at/af compliant
- 100~240VAC input power

I39 Series - Indoor Gigabit 90W/95W PoE Injector



I39-200

Features

- 95W PoH PoE output
- 6KV PoE surge protection
- Supports 10/100/1000Mbps data rates
- IEEE 802.3at/af compliant
- 100~240VAC input power



I39-210

Features

- 90W bt PoE output
- 6KV PoE surge protection
- Supports 10/100/1000Mbps data rates
- IEEE 802.3bt/at/af compliant
- 100~240VAC input power

I46 Series - IP67/IK10 Gigabit 60W PoE Injector



I46-200

Features

- IP67, IK10, -40°C~65°C
- 60W PoH PoE output
- 6KV PoE surge protection
- Supports 10/100/1000Mbps data rates
- 100~240VAC input power



I46-201-A

Features

- IP67, IK10, -40°C~65°C
- 60W PoH PoE output
- 6KV PoE surge protection
- Supports 10/100/1000Mbps data rates
- For Avigilon PTZ/IR PTZ/Multisensor
- 100~240VAC input power

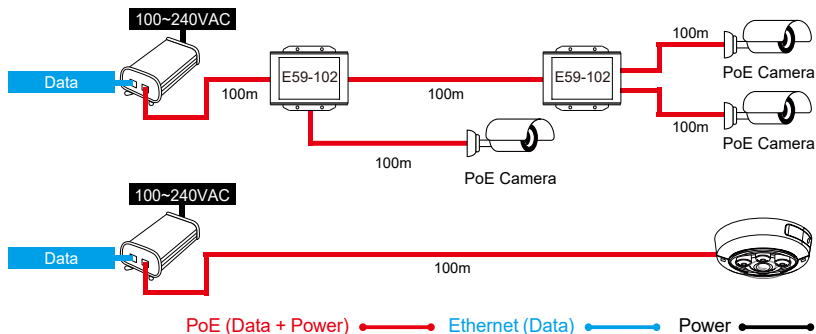


I46-210

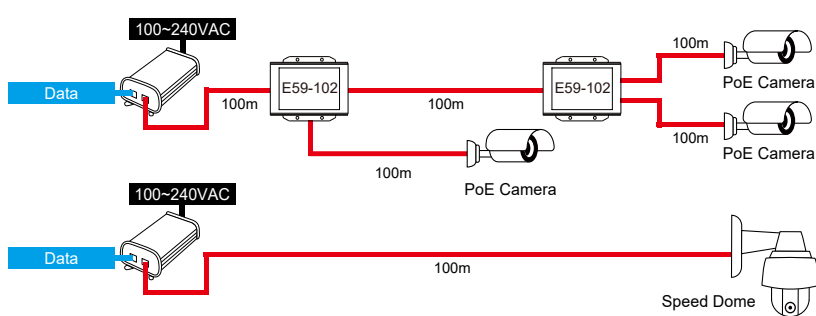
Features

- IP67, IK10, -40°C~65°C
- 60W bt PoE output
- 6KV PoE surge protection
- Supports 10/100/1000Mbps data rates
- 100~240VAC input power

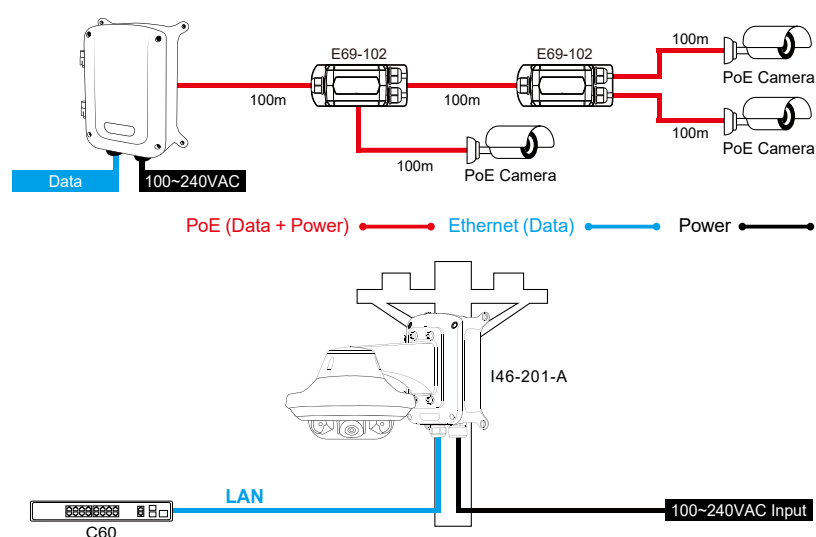
Applications



Applications



Applications



Gigabit PoE Injector

I49 Series - IP67/IK10 Gigabit 95W PoE Injector



I49-200

Features

- IP67, IK10, -40°C~65°C
- **95W PoH PoE** output
- 6KV PoE surge protection
- Supports 10/100/1000Mbps data rates
- 100~240VAC input power



I49-201-A

Features

- IP67, IK10, -40°C~65°C
- **95W PoH PoE** output
- 6KV PoE surge protection
- Supports 10/100/1000Mbps data rates
- For Avigilon PTZ/IR PTZ/Multisensor
- 100~240VAC input power

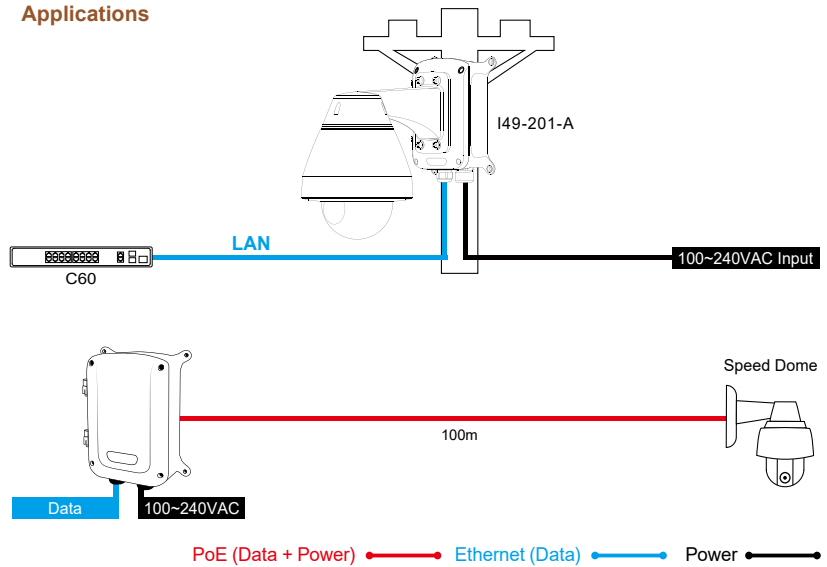


I49-210

Features

- IP67, IK10, -40°C~65°C
- **90W bt PoE** output
- 6KV PoE surge protection
- Supports 10/100/1000Mbps data rates
- 100~240VAC input power

Applications



I69 Series - Industrial Gigabit 90W/95W PoE Injector



I69-200

Features

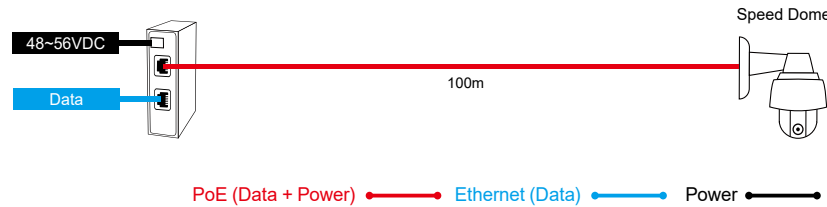
- -40°C~75°C operating temperature
- **95W PoH PoE** output
- 6KV PoE surge protection
- Supports 10/100/1000Mbps data rates
- 48~56VDC input power



I69-210

Features

- -40°C~75°C operating temperature
- **90W bt PoE** output
- 6KV PoE surge protection
- Supports 10/100/1000Mbps data rates
- 48~56VDC input power



I69 Series - Industrial Gigabit 90W/95W PoE Injector w/ 12~56VDC Input



I69-206

Features

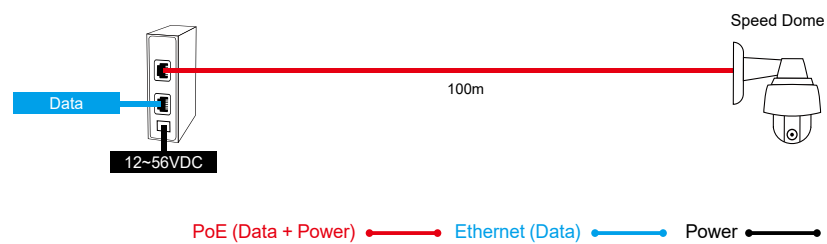
- -40°C ~ 75°C operating temperature
- **95W PoH PoE** output
- 6KV PoE surge protection
- Supports 10/100/1000Mbps data rates
- 12~56VDC input power



I69-216

Features

- -40°C ~ 75°C operating temperature
- **90W bt PoE** output
- 6KV PoE surge protection
- Supports 10/100/1000Mbps data rates
- 12~56VDC input power



Related Products

Pole Mount	Corner Mount	Junction Box
<p>AT-100 Pole Mount Adapter</p>	<p>AT-101 Pole Mount Adapter</p>	<p>AT-200 Corner Mount Adapter</p>
		<p>JB-200 Junction Box</p>

Industrial Power Supply

<p>NDR-75-48 Indoor Industrial Din-Rail Power Supply, 48 V AC/DC/40W -20°C ~ 70°C</p>	<p>NDR-120-48 Indoor Industrial Din-Rail Power Supply, 48~55VDC/120W -20°C ~ 70°C</p>	<p>NDR-240-48 Indoor Industrial Din-Rail Power Supply, 48~55VDC/240W -20°C ~ 70°C</p>	<p>NDR-480-48 Indoor Industrial Din-Rail Power Supply, 48~55VDC/480W -20°C ~ 70°C</p>	<p>MDR-10-12 Indoor Industrial Din-Rail Power Supply, 12 V AC/DC/10W -20°C ~ 70°C</p>
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Industrial Power Supply

<p>MDR-40-48 Indoor Industrial Din-Rail Power Supply, 48 V AC/DC/40W -20°C ~ 70°C</p>	<p>HLG-120H-54 Outdoor Industrial Power Supply, 54VDC/120W -40°C ~ 70°C, IP67</p>	<p>HLG-240H-54 Outdoor Industrial Power Supply, 54VDC/240W -40°C ~ 70°C, IP67</p>	<p>DRL-48V120W1EN Indoor Industrial Din-Rail Power Supply, 48V, 120W</p>	<p>DRL-48V240W1EN Indoor Industrial Din-Rail Power Supply, 48V, 240W</p>
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Gigabit PoE Extender

Outdoor IP67/IK10 Gigabit 90W PoE Extender

Indoor Gigabit 90W PoE Extender

Outdoor IP67/IK10 Gigabit 90W PoE Extender Plus

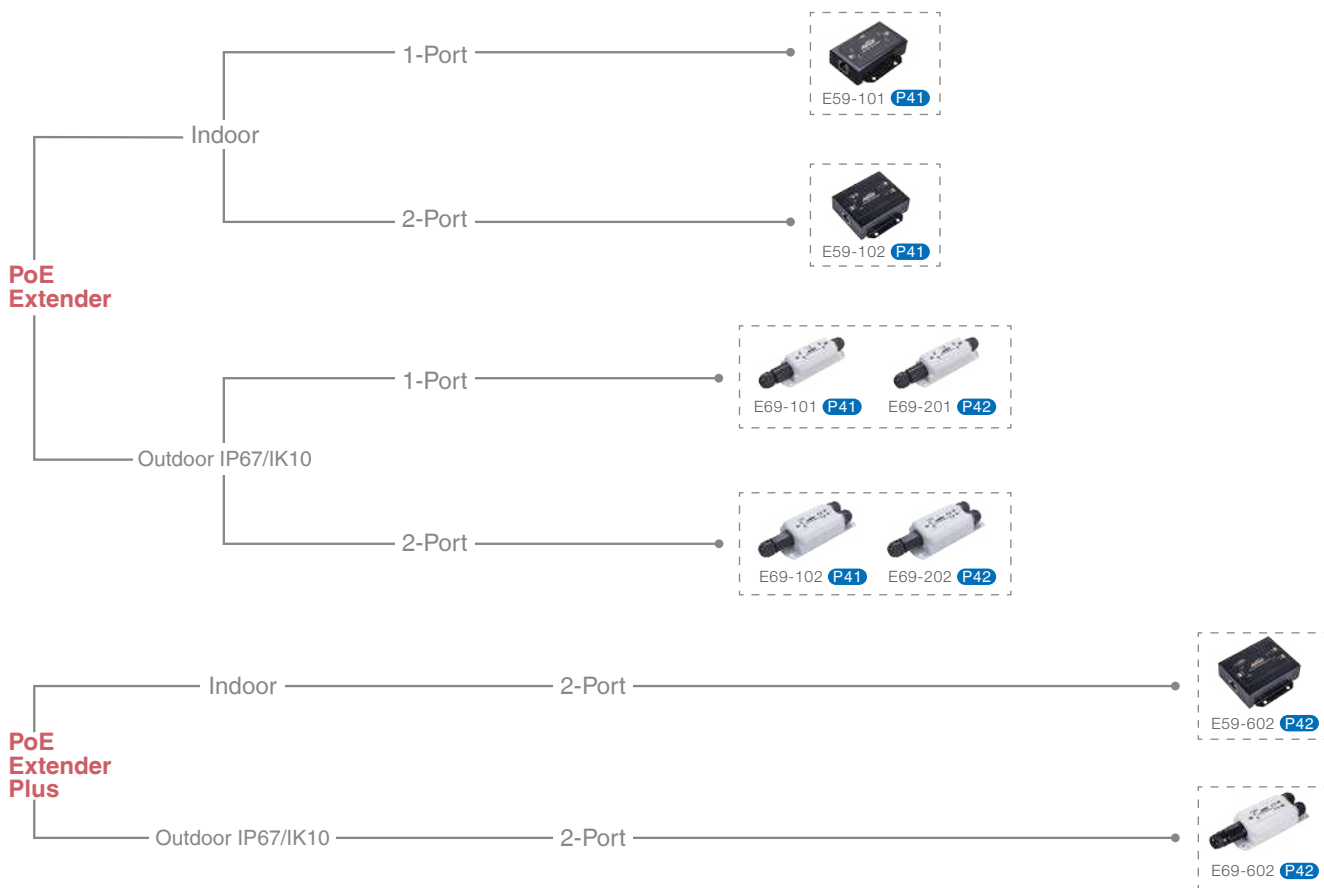
Indoor Gigabit 90W PoE Extender Plus



Gigabit PoE Extender

90W bt PoE

90W bt PoE w/ Voltage Booster



E59 Series - Indoor Gigabit 90W PoE Extender

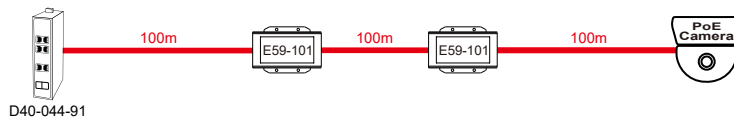


E59-101

Features

- 1-port Gigabit 30W/60W/90W bt PoE++ input + 1-port Gigabit Passive PoE output (Compliant 802.3af)
- 6KV Surge protection
- Drives the reach beyond restricted 100m Ethernet distance

Application

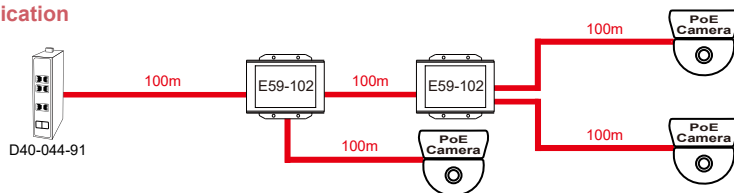


E59-102

Features

- 1-port Gigabit 30W/60W/90W bt PoE++ input + 2-port Gigabit Passive PoE output (Compliant 802.3af)
- 6KV Surge protection
- Drives the reach beyond restricted 100m Ethernet distance

Application



E69 Series - Outdoor IP67/IK10 Gigabit 90W PoE Extender

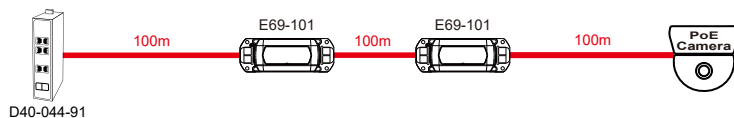


E69-101

Features

- IP67, IK10, -40°C ~ 65°C
- 1-port Gigabit 30W/60W/90W bt PoE++ input + 1-port Gigabit Passive PoE output (Compliant 802.3af)
- 6KV Surge protection
- Operating temperature: -40°C ~ 65°C
- Drives the reach beyond restricted 100m Ethernet distance

Application

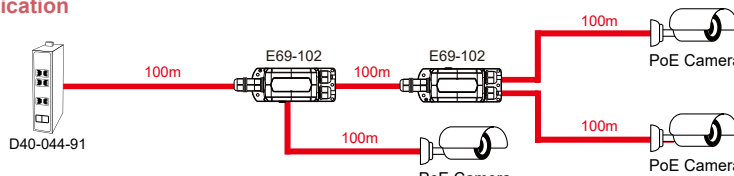


E69-102

Features

- IP67, IK10, -40°C ~ 65°C
- 1-port Gigabit 30W/60W/90W bt PoE++ input + 2-port Gigabit Passive PoE output (Compliant 802.3af)
- 6KV Surge protection
- Operating temperature: -40°C ~ 65°C
- Drives the reach beyond restricted 100m Ethernet distance

Application



PoE (Data + Power) →

Gigabit PoE Extender

E69 Series - Outdoor IP67/IK10 IEEE 802.3bt PoE++ to IEEE 802.3af/at/bt PoE++ Extender

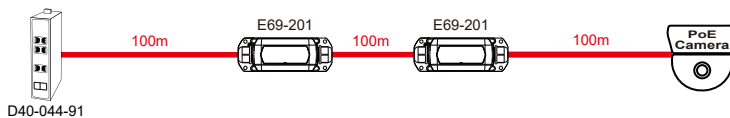


E69-201

Features

- IP67, IK10, -40°C~65°C
- 1-port Gigabit 30W/60W/90W bt PoE++ input + 1-port Gigabit 802.3af/at/bt PoE++ output
- IEEE 802.3af/at/bt compliant
- 6KV Surge protection
- Operating temperature: -40°C ~ 65°C
- Drives the reach beyond restricted 100m Ethernet distance

Application

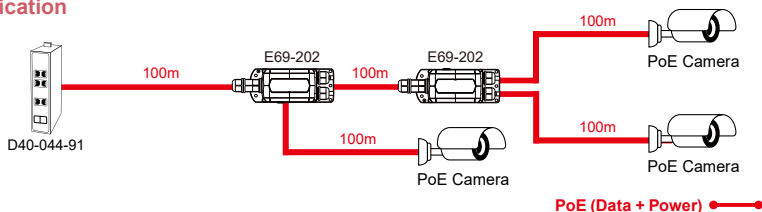


E69-202

Features

- IP67, IK10, -40°C~65°C
- 1-port Gigabit 30W/60W/90W bt PoE++ input + 2-port Gigabit 802.3af/at/bt PoE++ output
- IEEE 802.3af/at/bt compliant
- 6KV Surge protection
- Operating temperature: -40°C ~ 65°C
- Drives the reach beyond restricted 100m Ethernet distance

Application



E59 Series - Indoor Gigabit 90W PoE Extender Plus

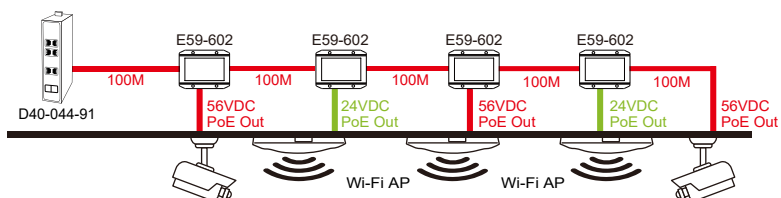


E59-602

Features

- Voltage Booster
- 1-port Gigabit 30W/60W/90W bt PoE input + 1-port Gigabit 56VDC Passive PoE output + (Compliant 802.3af PoE)
- 1-port Gigabit 24VDC or 56VDC Passive PoE output
- Drives the reach beyond restricted 100m Ethernet distance

Application



E69 Series - Outdoor IP67/IK10 Gigabit 90W PoE Extender Plus

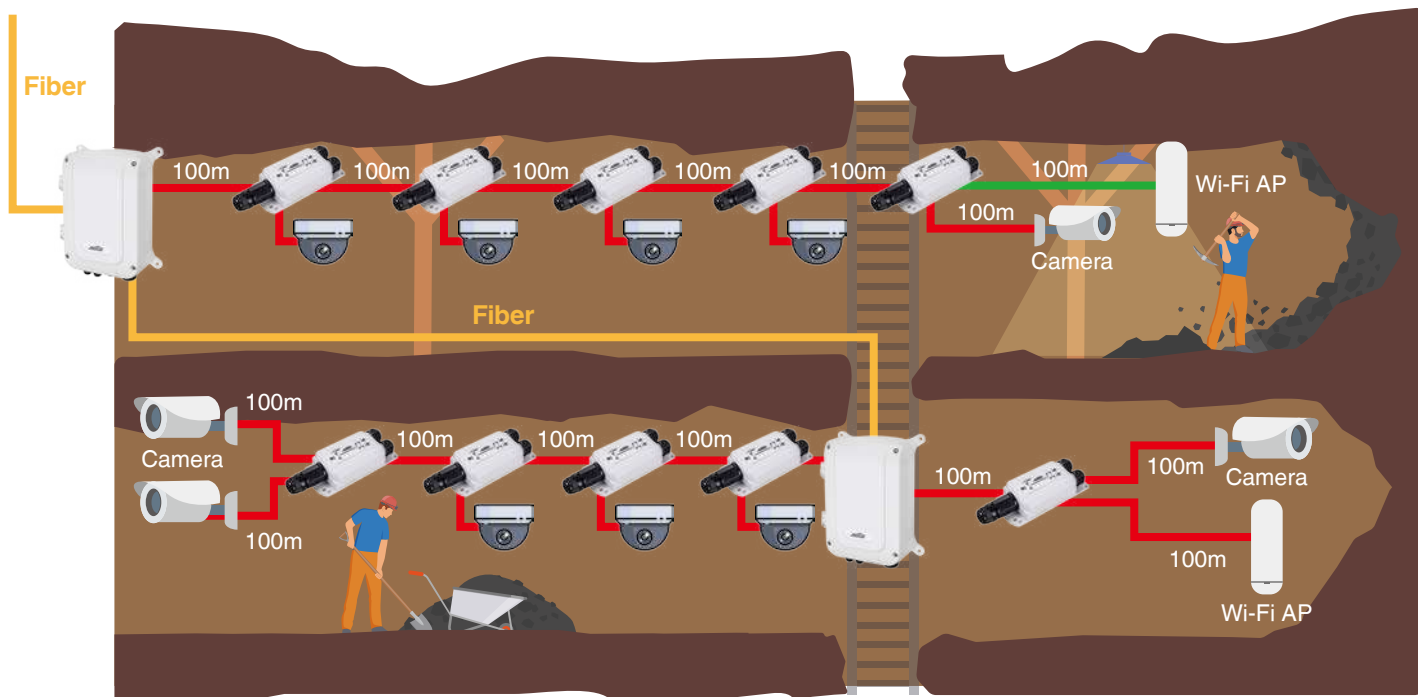
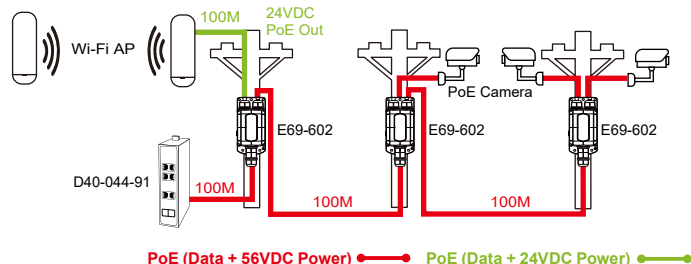


E69-602

Features

- IP67, IK10, -40°C~65°C
- Voltage Booster
- 1-port Gigabit 30W/60W/90W bt PoE input + 1-port Gigabit 56VDC Passive PoE output + (Compliant 802.3af PoE)
- 1-port Gigabit 24VDC or 56VDC Passive PoE output
- Drives the reach beyond restricted 100m Ethernet distance

Application



Fiber ● PoE (Data + Power) ● 24VDC PoE (Data + Power) ●



Gigabit PoE Surge Protector

1-CH Gigabit 802.3 bt/at/af PoE Surge Protector

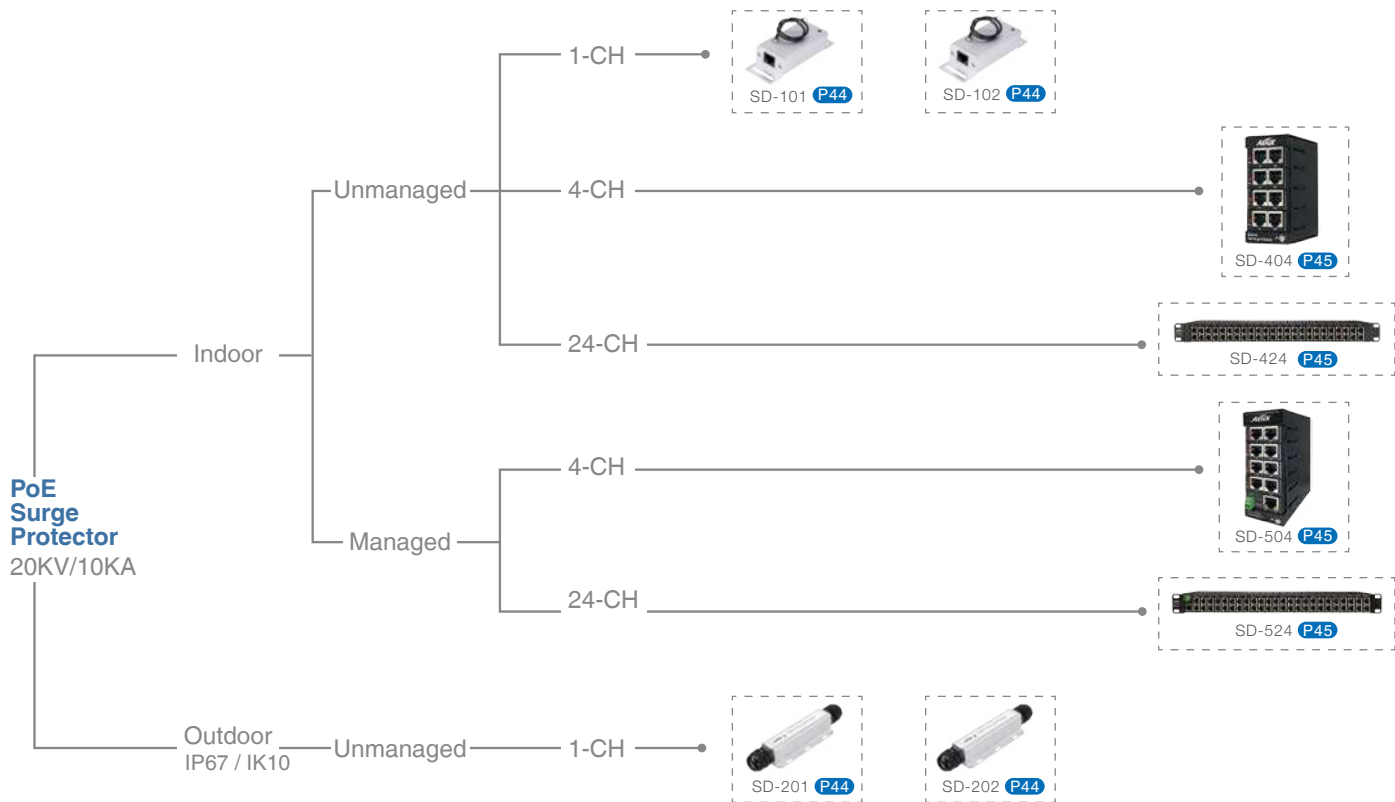
4-CH/24-CH Gigabit 802.3 bt/at/af PoE Surge Protectors

4-CH/24-CH IP Managed Gigabit 802.3 bt/at/af PoE Surge Protectors



Gigabit PoE Surge Protector

1G/2.5Gbps 10Gbps 1G/2.5Gbps Modulars



SD Series - Indoor / Outdoor IP67/IK10 Gigabit 90W/95W PoE Surge Protector



SD-101

Features

- Supports 10M/100M/1G/2.5G bps Ethernet
- Supports 802.3af / 802.3at / 802.3bt
- Protects up to 20KV / 10KA surge
- Failure LED indicator
- Operating temperature between -40°C to 85 °C

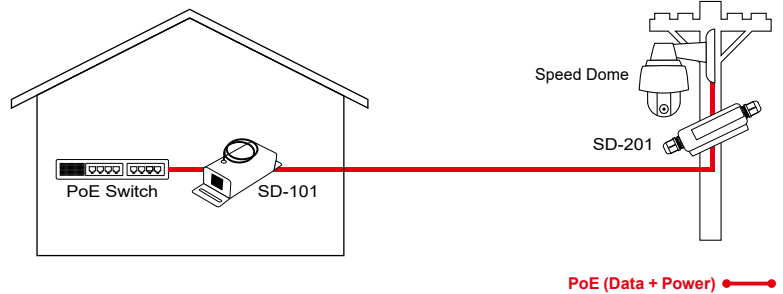


SD-102

Features

- Supports 10M/100M/1G/2.5G/10G bps Ethernet
- Supports 802.3af / 802.3at / 802.3bt
- Protects up to 20KV / 10KA surge
- Failure LED indicator
- Operating temperature between -40°C to 85 °C

Applications



SD Series - Modular Gigabit 90W/95W PoE Surge Protectors



SD-201

Features

- IP67, IK10, -40°C ~ 85°C
- Supports 10M/100M/1G/2.5G bps Ethernet
- Supports 802.3af / 802.3at / 802.3bt
- Protects up to 20KV / 10KA surge
- Failure LED indicator
- Operating temperature between -40°C to 85 °C

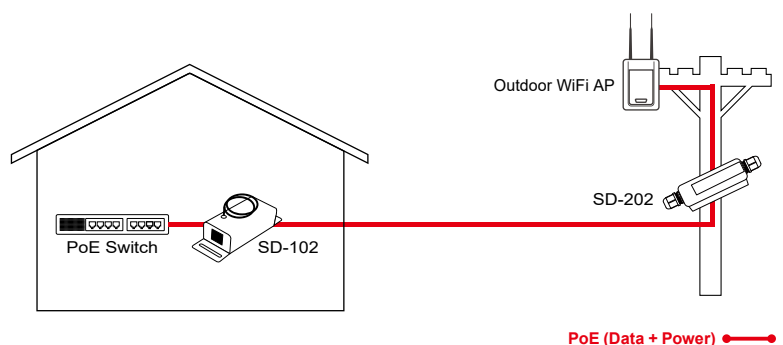


SD-202

Features

- IP67, IK10, -40°C ~ 85°C
- Supports 10M/100M/1G/2.5G/10G bps Ethernet
- Supports 802.3af / 802.3at / 802.3bt
- Protects up to 20KV / 10KA surge
- Failure LED indicator
- Operating temperature between -40°C to 85 °C

Applications



Gigabit PoE Surge Protector

SD Series - Indoor / Outdoor IP67/IK10 Gigabit 90W/95W PoE Surge Protector



SD-404

Features

- 4-CH PoE Surge Protectors
- Din-rail installation, Slide-in modular design
- Quick swap when Lifetime of single PoE surge module is expired
- Supports 10M/100M/1G/2.5G bps Ethernet
- Supports 802.3af / 802.3at / 802.3bt
- Protects up to 20KV / 10KA surge
- Operating temperature between -40°C to 85 °C

Features

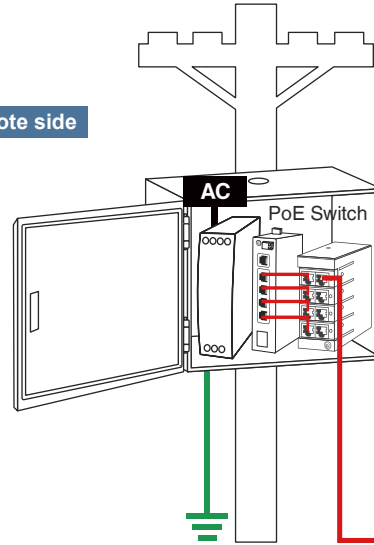
- 24-CH PoE Surge Protectors
- 1U,19" Rack Mount, Slide-in modular design
- Quick swap when Lifetime of single PoE surge module is expired
- Supports 10M/100M/1G/2.5G bps Ethernet
- Supports 802.3af / 802.3at / 802.3bt
- Protects up to 20KV / 10KA surge
- Operating temperature between -40°C to 85 °C



SD-424

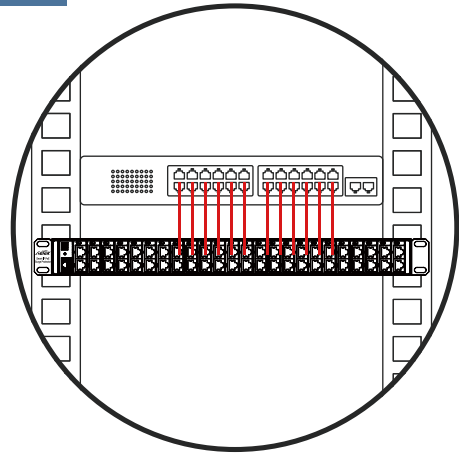
Applications

Remote side



SD-404 or SD-504 PoE Surge Protector

Center Side



SD Series - IP Managed Modular Gigabit 90W/95W PoE Surge Protectors



SD-504

Features

- Web UI Setup & lifetime detection
- Alarm log event
- 4-CH PoE Surge Protectors
- Quick swap when lifetime of single PoE surge module is expired
- Supports 10M/100M/1G/2.5G bps Ethernet
- Supports 802.3af / 802.3at / 802.3bt
- Protects up to 20KV / 10KA surge
- Operating temperature between -40°C to 75 °C

Features

- Web UI Setup & lifetime detection
- Alarm log event
- 24-CH PoE Surge Protectors
- Quick swap when life time of single PoE surge module is expired
- Supports 10M/100M/1G/2.5G bps Ethernet
- Supports 802.3af / 802.3at / 802.3bt
- Protects up to 20KV / 10KA surge
- Operating temperature between -40°C to 75 °C



SD-524

IP Managed Surge Protector

Module Status

Surge protector module status

Channel	Surge Module Life Time	Surge Count	Module Status
1-CH	100%	60	Alarm
2-CH	100%	100	FAIL
3-CH	100%	10	NORMAL
4-CH	100%	0	NORMAL

Surge Settings

Channel	Module Life Time	Surge Counter	Reset Counter	Status	Alarm Log Trigger	Location
1	100%	0	Reset	Accumulate	NORMAL	0%
2	100%	0	Reset	Accumulate	NORMAL	0%
3	100%	0	Reset	Accumulate	NORMAL	0%
4	100%	0	Reset	Accumulate	NORMAL	0%
5	100%	0	Reset	Accumulate	NORMAL	0%
6	100%	0	Reset	Accumulate	NORMAL	0%
7	100%	0	Reset	Accumulate	NORMAL	0%
8	100%	0	Reset	Accumulate	NORMAL	0%
9	100%	0	Reset	Accumulate	NORMAL	0%
10	100%	0	Reset	Accumulate	NORMAL	0%
11	100%	0	Reset	Accumulate	NORMAL	0%
12	100%	0	Reset	Accumulate	NORMAL	0%
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15	100%	0	Reset	Accumulate	NORMAL	0%
16	100%	0	Reset	Accumulate	NORMAL	0%
17	100%	0	Reset	Accumulate	NORMAL	0%
18	100%	0	Reset	Accumulate	NORMAL	0%
19	100%	0	Reset	Accumulate	NORMAL	0%
20	100%	0	Reset	Accumulate	NORMAL	0%
21	100%	0	Reset	Accumulate	NORMAL	0%
22	100%	0	Reset	Accumulate	NORMAL	0%
23	100%	0	Reset	Accumulate	NORMAL	0%
24	100%	0	Reset	Accumulate	NORMAL	0%



Related Product



CH-110-V2

- 19", 1U 8-bay rack mount chassis
- For 8 pieces of SD-101/SD-102



Outdoor Surveillance system

OS-100-250

Back-up PoE Cabinet

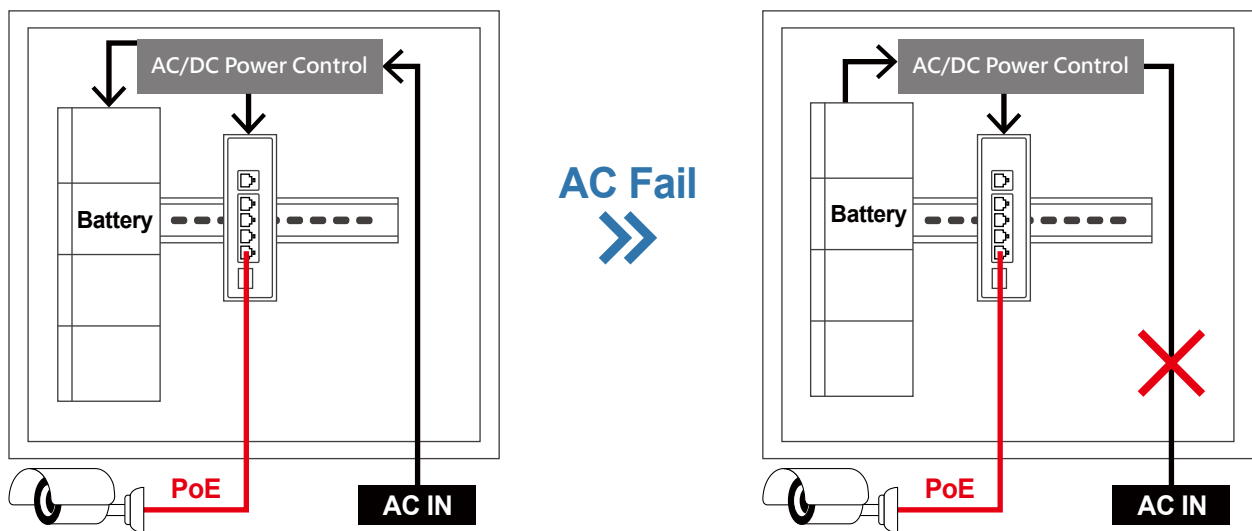
Outdoor Back-up PoE Cabinet

Features

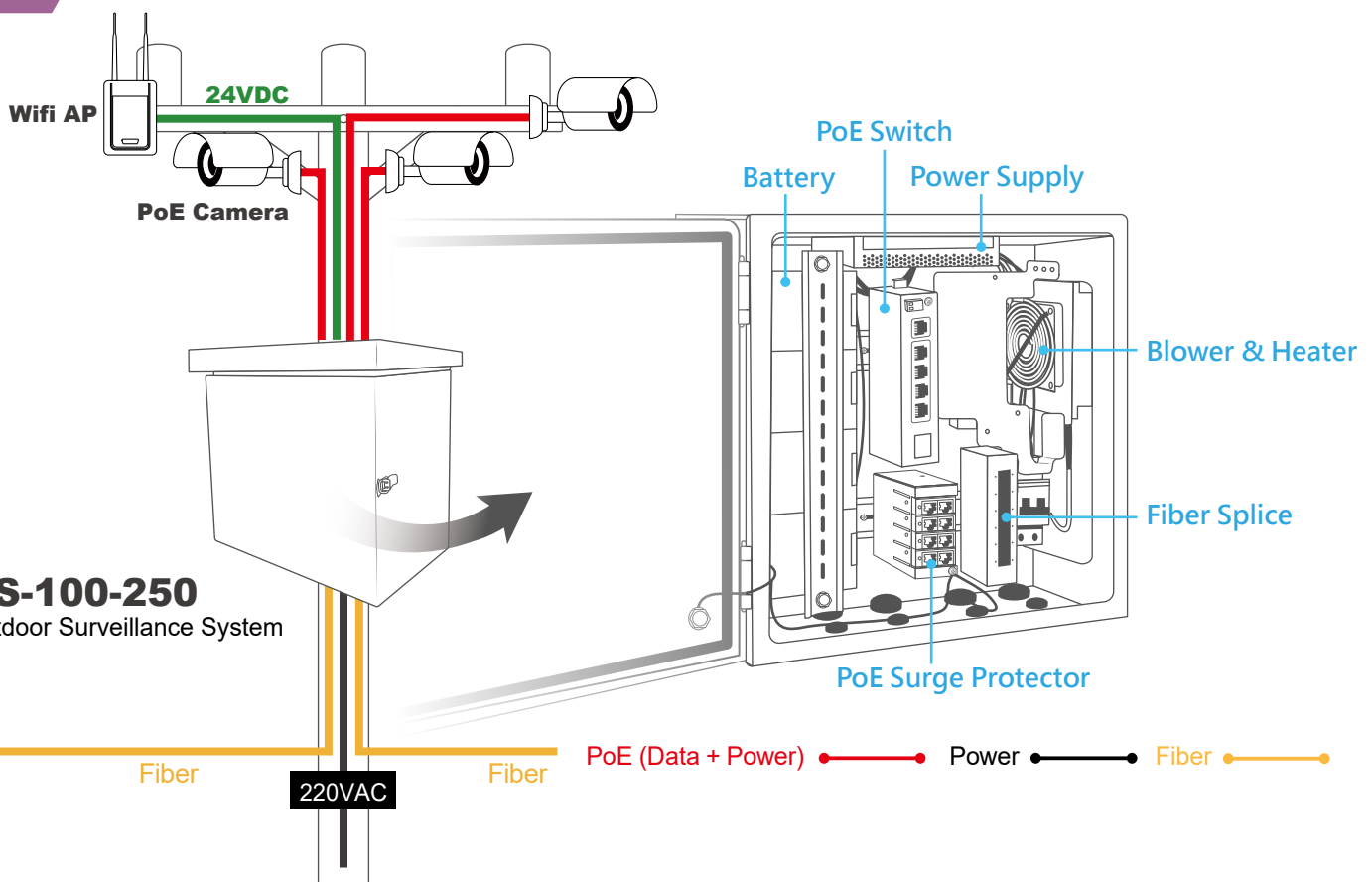
- Redundant Battery Backup Power System
- Compact design / IP66 rated
- Output 54VDC voltage for PoE device use
- Space for PoE switch / PoE Surge protector installation
- Include Thermal Switch control heater and blower
- Battery protection for deep discharge and short circuit
- Space for 12V/7Ah Battery x 4PCS

Redundant Battery Backup Power System

OS-100-250 a 250W power supply charger, converts 100~240VAC input into a 54VDC for IP PoE device
250W AC power built-in charger for sealed lead acid battery.



Application



Outdoor Back-up PoE Cabinet

Din-Rail Industrial Gigabit PoE Switches



D40-044-30

4xGbE 30W PoE + 2xGbE SFP + 2xGbE RJ45
-40°C~75°C (-40°F~167°F)



D40-044-91

4x 90W bt PoE + 2xGbE SFP + 2xGbE RJ45
-40°C~75°C (-40°F~167°F)



D40-082-30

8xGbE 30W PoE + 2xGbE SFP
-40°C~75°C (-40°F~167°F)

Din-Rail L2 PRO Industrial Gigabit PoE Switches



D60-044-30

4xGbE PoE (30W) + 2xGbE SFP + 2xGbE RJ45
-40°C~75°C (-40°F~167°F)
Network Topology System



D60-044-91

4xGbE bt PoE (90W) + 2xGbE SFP + 2xGbE RJ45
-40°C~75°C (-40°F~167°F)
Network Topology System



D60-084-30

8xGbE PoE (30W) + 4xGbE SFP
-40°C~75°C (-40°F~167°F)
Network Topology System

Industrial Gigabit PoE Media Converter



M30-011-30

1-port Gigabit 30W PoE +
1-port Gigabit SFP



M30-022-91

2-port Gigabit 90W bt PoE +
2-port Gigabit SFP

PoE Surge Protector



SD-404

802.3af/802.3at/802.3bt/UPoE
4-CH PoE Surge Protectors



SD-504

802.3af/802.3at/802.3bt/UPoE
4-CH PoE Surge Protectors

SFP Transceiver



SFP-SX-X5

1.25G Multi-Mode SFP
850nm, 0.5KM, 0°C~70°C



SFP-SX-02

1.25G Multi-Mode SFP, LC
1310nm, 2KM, 0°C~70°C



SFP-LX-10

1.25G Single-Mode SFP, LC
1310nm, 10KM, 0°C~70°C



SFP-LX-40

1.25G Single-Mode SFP, LC
1310nm, 40KM, 0°C~70°C



SFP-LX-80

1.25G Single-Mode SFP, LC
1310nm, 80KM, 0°C~70°C



SFP-TX-X1

1000BaseT, SFP to RJ45
100M, 0°C~70°C

Industrial SFP Transceiver



SFP-ISX-X5

1.25G Multi-Mode SFP
850nm, 0.5KM, -40°C~85°C



SFP-ISX-02

1.25G Multi-Mode SFP, LC
1310nm, 2KM, -40°C~85°C



SFP-ILX-10

1.25G Single-Mode SFP, LC
1310nm, 10KM, -40°C~85°C



SFP-ILX-40

1.25G Single-Mode SFP, LC
1310nm, 40KM, -40°C~85°C



SFP-ILX-80

1.25G Single-Mode SFP, LC
1310nm, 80KM, -40°C~85°C



SFP-ITX-X1

1000BaseT, SFP to RJ45
100M, -40°C~85°C

BiDi SFP Transceiver



SFP-ALX-02

1.25G SFP,MMF Bi-Di,
TX:1310NM / RX:1550NM,2KM



SFP-BLX-02

1.25G SFP,MMF Bi-Di,
TX:1550NM / RX:1310NM,2KM



SFP-ALX-20

1.25G SFP,SMF Bi-Di,
TX:1310NM / RX:1550NM,20KM



SFP-BLX-20

1.25G SFP,SMF Bi-Di,
TX:1550NM / RX:1310NM,20KM



SFP-ALX-40

1.25G SFP,SMF Bi-Di,
TX:1310NM / RX:1550NM,20KM



SFP-BLX-40

1.25G SFP,SMF Bi-Di,
TX:1550NM / RX:1310NM,20KM

Industrial BiDi SFP Transceiver



SFP-IALX-02

IND 1.25G SFP,MMF Bi-Di,
TX:1310NM / RX:1550NM,2KM



**EASY
INSTALL**





Camera Housing Product Guide

AC24V(Optional DC24V)

802.3 bt/at/af PoE

800m PoE

AISI 316L Stainless Steel



Camera Housing Product Selection



AC24V



30W PoE

90W bt PoE















EPoC

EPoT

Aluminum IP66 / 68 IK10

Heater & Blower	Unmanaged	 A1000 P53	 A5000 P53	 A5000-E P54	 A5000-T P55
Heater & Blower Fixed IR 50m	Unmanaged	 A1020 P53	 A5020 P53	 A5020-E P54	 A5020-T P55
Heater & Blower VAIR	Unmanaged	 P2000-I P52	 P6000-I-V2 P52		
Heater & Blower Temp. -50°C VAIR	Unmanaged	 P2000-AI P52			
Heater & Blower Wiper VAIR	Unmanaged	 P2000-IW P52	 P6000-IW P52		
Heater & Blower VAIR Wiper Temp. -50°C	Unmanaged	 P2000-AIW P52			
Thermal	Unmanaged	 A2100 P53	 A5100 P53	 A5100-E P54	 A5100-T P55

316L Stainless Steel IP66 / IP68 IK10

Heater & Blower	Unmanaged	 S1000 P56	 S5000 P56	 S5000-E P56	 S5000-T P56
Heater & Blower 12W VAIR LED	Unmanaged	 S2000-I P56	 S6000-I P56	 S5000-EI P56	 S5000-TI P56
Heater & Blower 12W VAIR LED Built-in wiper	Unmanaged	 S2000-IW P56	 S6000-IW P56		
Thermal	Unmanaged	 S2100 P57	 S5100 P57	 S5100-E P56	 S5100-T P56

Professional Camera Housing

P20 Series - Professional AC24V Camera Housing



P2000-I

Features

- IP68 rated, IK10 vandal proof
- Window heater & blower
- Adjustable sunshield
- Optional VAIR illuminator
- AC24V Input (Optional DC24V)
- Aluminum die casting body



P2000-AI

Features

- Arctic cold start heater at -40°C (operating temperature at -50°C)
- IP68 rated, IK10 vandal proof
- Window heater & blower
- Adjustable sunshield
- Optional VAIR illuminator
- AC24V Input (Optional DC24V)
- Aluminum die casting body



P2000-IW

Features

- Built-in wiper
- IP66 rated, IK10 vandal proof
- Window heater & blower
- Adjustable sunshield
- Optional VAIR illuminator
- AC24V Input (Optional DC24V)
- Aluminum die casting body



P2000-AIW

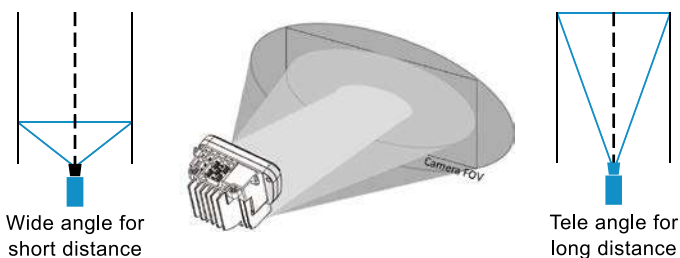
Features

- Arctic cold start heater at -40°C (operating temperature at -50°C)
- Built-in wiper
- IP66 rated, IK10 vandal proof
- Window heater & blower
- Adjustable sunshield
- Optional VAIR illuminator
- AC24V Input (Optional DC24V)
- Aluminum die casting body

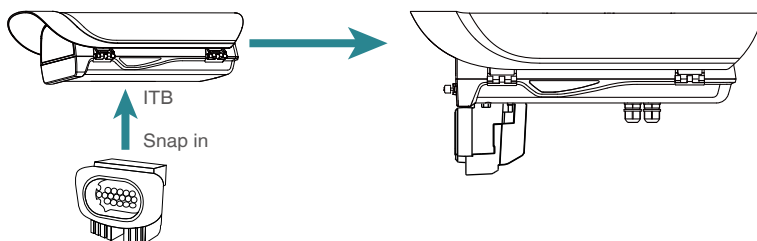
Professional Camera Housing Line	
P20 Series	P60 Series
AC24V Input	90W bt PoE Input
<ul style="list-style-type: none"> - ITB(Illuminator Touch Board) for optional Vair-IR illuminator - Quick latch & tether wire for safety installation - Side opening alarm interface - Adjustable sunshield - Optional wiper - Optional cold start heater - I : ITB(Illuminator touch board) - A: Arctic cold start heater at -40°C (operating temperature -50°C) 	<ul style="list-style-type: none"> - Spacious dimensions for camera equipped with long varifocal lens - Window heater for demisting & deicing - Blower - Aluminum die casting body - Optional VAIR illuminator - Optional water tank & pump - W: Wiper

VAIR Illuminator Technology

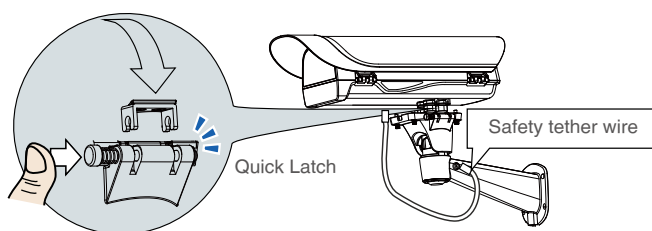
VAIR technology is an optical technology to adjust illuminator beam angle by remote control thru RS485 Pelco-D command or manual dip switch to suit camera FOV



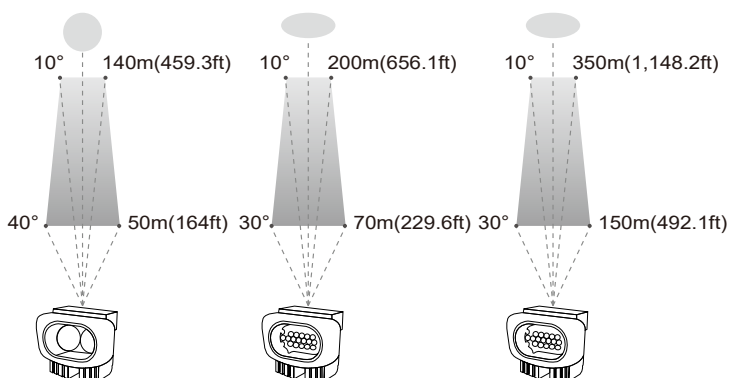
Without exposing power cable & RS485 wire for illuminator



Safety tether wire & Quick latch for safety installation



VR-120	VR-241	VR-481
Snap-in 12W IR LEDs	Snap-in 24W IR LEDs	Snap-in 48W IR LEDs



P60 Series - Professional 90W bt PoE Camera Housing



P6000-I-V2

Features

- IP68 rated, IK10 vandal proof
- Window heater & blower
- Adjustable sunshield
- 90W bt PoE input
- Optional VAIR Illuminator
- Aluminum die casting body



P6000-IW

Features

- Built-in wiper
- IP66 rated, IK10 vandal proof
- Window heater & blower
- Adjustable sunshield
- 90W bt PoE input
- Optional VAIR Illuminator
- Aluminum die casting body

Affordable / Thermal / ANPR Camera Housing

A10 Series - Affordable Camera Housing



A1000

Features

- IP68 rated, IK10 vandal proof
- Window heater & blower
- Adjustable sunshield
- AC24V/DC24V input
- Aluminum die casting body



A1020

Features

- 6W Fixed IR viewing up to 50m
- IP66 rated, IK10 vandal proof
- Window heater & blower
- Adjustable sunshield
- AC24V/DC24V input
- Aluminum die casting body

A50 Series - Affordable PoE Camera Housing



A5000

Features

- IP68 rated, IK10 vandal proof
- Window heater & blower
- Adjustable sunshield
- 30W at PoE input
- Aluminum die casting body



A5020

Features

- 6W Fixed IR viewing up to 50m
- IP66 rated, IK10 vandal proof
- Window heater & blower
- Adjustable sunshield
- 30W at PoE input
- Aluminum die casting body

A21 Series - Thermal Camera Housing Line



A2100

Features

- AC24V/DC24V input
- Germanium window
- Blower
- IP68/IK10
- Aluminum die casting body



A5100

Features

- 30W at PoE input
- Germanium window
- Blower
- IP68/IK10
- Aluminum die casting body

P29_P69 Series - ANPR Camera Housing



P2900-IW Kit A

Features

- Catch speed up to 100km/h
- IP66 rated, IK10 vandal proof
- AC24V input
- Built-in wiper
- 48W VAIR Illuminator
- Aluminum die casting body



P6900-IW Kit A

Features

- Catch speed up to 100km/h
- IP66 rated, IK10 vandal proof
- 90W bt PoE input
- Built-in wiper
- 48W VAIR Illuminator
- Aluminum die casting body

P29 Kit A/B Series - ANPR Camera Housing



P2915 Kit A/B

Features

- Catch speed up to 150km/h
- IP68 rated, IK10 vandal proof
- 80W External VAIR Illuminator
- AC24V input
- Aluminum die casting body

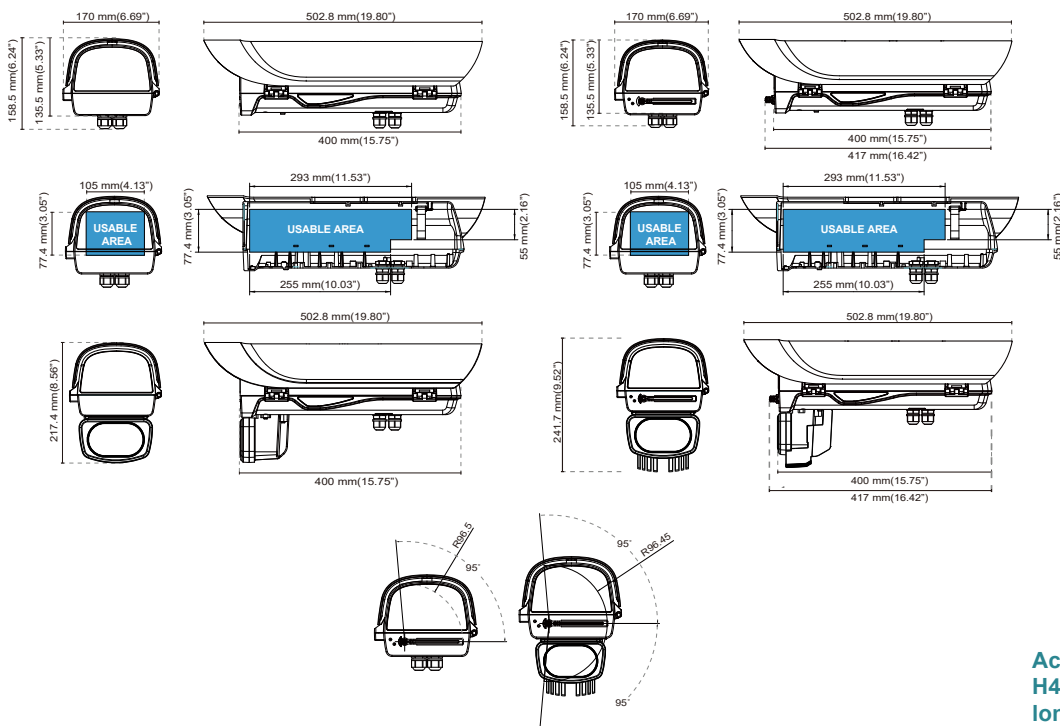


P2925 Kit A/B

Features

- Catch speed up to 250km/h
- IP68 rated, IK10 vandal proof
- 288W pulse mode external VAIR Illuminator
- DC24V input
- Aluminum die casting body

Dimensions








Accommodate with **AXIS Q1635** + 8-80mm vari-focal lens








Accommodate with **Avigilon H4A/H5A box & H4 Pro/H5A Pro box** equipped with long range vari-focal lens

Related Products






Brackets

Wall Mount		Ceiling Mount		Standing Mount
				
BK-101 Wall Mount Bracket Safety Wire Concealing Cable	BK-102 Wall Mount Bracket Concealing Cable	BK-200 J-type Ceiling Mount Bracket	BK-201 Flexible J-type Ceiling Mount Bracket	BK-300 Standing Mount Bracket

Adapters

Pole Mount	Corner Mount	Fit
		
AT-100 Pole Mount Adapter	AT-101 Pole Mount Adapter	BK-101
		
	AT-200 Corner Mount Adapter	BK-102

Junction Box

Wall Mount	Fit
	
JB-100 Junction Box	
	
	
	











VAIR LEDs

VAIR LEDs (For -I model)			
	VR-120 • Snap Vair 10~40° IR LED, 12W		VR-481 • Snap Vair 10~30° IR LED, 48W







Water Tank & Pump

Water Tank & Pump (For -W model)	
	TP-100 • 10L Water Tank & Pump

Power Boxes

Model Name	A10 Series	P20 Series	P29 Series	M20 Series
PB-024-1AC 				
PB-024-2AC 				

PoE Switches

Model Name	A50 Series	P60 Series	P69 Series	M60 Series
30W PoE Switch 		-	-	-
90W PoE Switch 	-			

800m PoE Camera Housing over Coax

800m PoE Camera Housing over Coaxial Cable



A5000-E

Features

- IP68 rated, IK10 vandal proof
- Window heater & blower
- EPoC Input
- 6KV surge protector
- Aluminum die casting body



A5020-E

Features

- 6W Fixed IR viewing up to 50m
- IP66 rated, IK10 vandal proof
- EPoC Input
- 6KV surge protector
- Aluminum die casting body

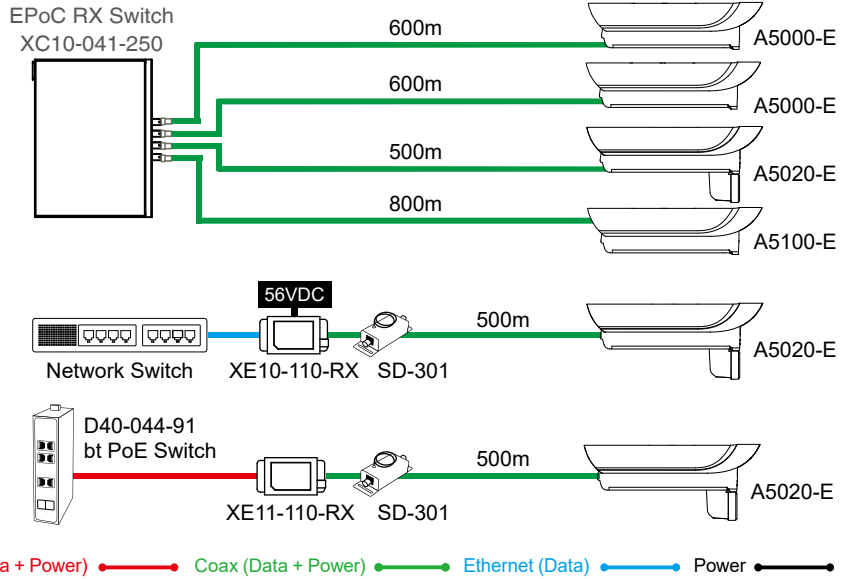


A5100-E

Features

- Germanium window
- IP68 rated, IK10 vandal proof
- EPoC Input
- 6KV surge protector
- Aluminum die casting body

Applications



Related Products

EPoC RX Adapter Series



XE10-110-RX

- XE10-110-RX EPoC adapter (RX)
- 65W@56VDC power adapter



XE11-110-RX

- XE11-110-RX PoE EPoC adapter (RX)
- Supports 30W/60W/90W PoE Input

EPoC RX Switch



XC10-041-250

- 4xBNC coaxial ports, 1xGigabit LAN port
- Playing RX mode
- 6KV surge protection for each EPoC port
- 250W Power Supply, 100-240VAC input



XC10-084-380

- 8xBNC coaxial ports & 4xGigabit LAN port
- Playing RX mode
- 6KV surge protection for each EPoC port
- 380W Power Supply, 100-240VAC input

EPoC Related Product



CH-100-V2

- 19", 1U 4-bay Rack Mount Chassis
- For 4 sets of XE10-110-RX & 65W power adapter



D40-044-91

- 60W/90W bt PoE Switch
- Works with XE11-110-RX



SD-301

- BNC Surge Protector
- 6KV Surge Protection



BNC-Y

- Y-Type BNC Adapter



CH-110-V2

- 19", 1U 8-bay rack mount chassis
- For 8 pieces of XE11-110-RX



I39-210

- 90W bt PoE Injector
- Works with XE11-110-RX



BNC-T

- T-Type BNC Adapter



BNC-YC

- Outdoor Y-Type BNC Cable

Brackets

Wall Mount

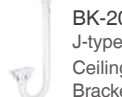


BK-101
Wall Mount Bracket
Safety Wire
Concealing Cable



BK-102
Wall Mount Bracket
Concealing Cable

Ceiling Mount

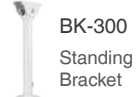


BK-200
J-type
Ceiling Mount
Bracket



BK-201
Flexible J-type
Ceiling Mount
Bracket

Standing Mount



BK-300
Standing Mount
Bracket

Adapters

Pole Mount



AT-100

Pole Mount Adapter



AT-101

Pole Mount Adapter

Corner Mount



AT-200

Corner Mount Adapter

Fit



BK-101



BK-102

Junction Box

Wall Mount



JB-100

Junction Box

Fit

BK-101

BK-102

AT-100

AT-101

AT-200

800m PoE Camera Housing over UTP/STP

800m PoE Camera Housing over Cat.5e / Cat.6 Cable



A5000-T

Features

- IP68 rated, IK10 vandal proof
- Window heater & blower
- EPoT Input
- 6KV surge protector
- Aluminum die casting body



A5020-T

Features

- 6W Fixed VAIR viewing up to 50m
- IP66 rated, IK10 vandal proof
- EPoT Input
- 6KV surge protector
- Aluminum die casting body

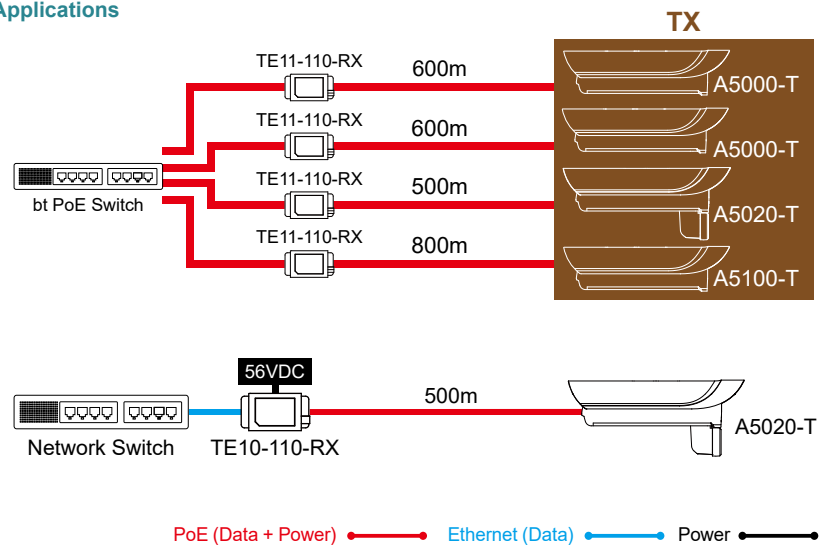


A5100-T

Features

- Germanium window
- IP68 rated, IK10 vandal proof
- EPoT Input
- 6KV surge protector
- Aluminum die casting body

Applications



Related Products

EPoT RX Adapter Series



TE10-110-RX

- TE10-110-RX EPoT adapter (RX)
- 65W @56VDC power adapter



TE11-110-RX

- TE11-110-RX PoE EPoT adapter (RX)
- Supports 30W/60W/90W PoE Input

EPoT Related Product



D40-044-91

- 60W/90W bt PoE Switch
- Works with XE11-110-RX



I39-210

- 90W bt PoE Injector
- Works with XE11-110-RX



UTP-YC cable

- Outdoor Y type RJ45 Cable



CH-100-V2

- 19", 1U 4-bay rack mount chassis
- For 4 sets of TE10-110-RX & 65W power adapter



CH-110-V2

- 19", 1U 8-bay rack mount chassis
- For 8 pieces of TE11-110-RX

Brackets

Wall Mount



BK-101
Wall Mount Bracket
Safety Wire
Concealing Cable



BK-102
Wall Mount Bracket
Concealing Cable

Ceiling Mount



BK-200
J-type
Ceiling Mount Bracket



BK-201
Flexible J-type
Ceiling Mount Bracket

Standing Mount



BK-300
Standing Mount Bracket

Adapters

Pole Mount



AT-100
Pole Mount Adapter



AT-101
Pole Mount Adapter

Corner Mount



AT-200
Corner Mount Adapter

Fit



BK-101



BK-102

Junction Box

Wall Mount



JB-100
Junction Box

BK-101

BK-102

AT-100

AT-101

AT-200

AT-200

AISI 316L Stainless Steel Camera Housing

AC24V Camera Housing



S1000

Features

- IP68 rated, IK10 vandal proof
- AC24V/DC24V input
- Window heater & blower
- Adjustable sunshield
- AISI 316L stainless steel construction
- Fits corrosive & severe environments



S2000-I

Features

- **12W VAIR LED**
- IP66 rated, IK10 vandal proof
- AC24V Input
- Window heater & blower
- Adjustable sunshield
- AISI 316L stainless steel construction
- Fits corrosive & severe environments



S2000-IW

Features

- **12W VAIR LED**
- **Built-in wiper**
- IP66 rated, IK10 vandal proof
- AC24V Input
- Window heater & blower
- Adjustable sunshield
- AISI 316L stainless steel construction
- Fits corrosive & severe environments



S5000

Features

- 30W at PoE Input
- IP68 rated, IK10 vandal proof
- Window heater & blower
- Adjustable sunshield
- AISI 316L stainless steel construction
- Fits corrosive & severe environments



S6000-I

Features

- 90W bt PoE input
- **12W VAIR LED**
- IP66 rated, IK10 vandal proof
- Window heater & blower
- Adjustable sunshield
- AISI 316L stainless steel construction
- Fits corrosive & severe environments



S6000-IW

Features

- 90W bt PoE input
- **12W VAIR LED**
- **Built-in wiper**
- IP66 rated, IK10 vandal proof
- Window heater & blower
- Adjustable sunshield
- AISI 316L stainless steel construction
- Fits corrosive & severe environments

600m PoE over Coaxial Cable Camera Housing



S5000-E

Features

- IP68 rated, IK10 vandal proof
- Window heater & blower
- Adjustable sunshield
- EPoC Input
- AISI 316L stainless steel construction
- Fits corrosive & severe environments



S5000-EI

Features

- **12W VAIR LED**
- IP66 rated, IK10 vandal proof
- Window heater & blower
- Adjustable sunshield
- EPoC Input
- AISI 316L stainless steel construction
- Fits corrosive & severe environments



S5100-E

Features

- **Germanium window**
- IP68 rated, IK10 vandal proof
- Blower
- Adjustable sunshield
- EPoC Input
- AISI 316L stainless steel construction
- Fits corrosive & severe environments

600m PoE over UTP/STP Cable Camera Housing



S5000-T

Features

- IP68 rated, IK10 vandal proof
- Window heater & blower
- Adjustable sunshield
- EPoT Input
- AISI 316L stainless steel construction
- Fits corrosive & severe environments



S5000-TI

Features

- **12W VAIR LED**
- IP66 rated, IK10 vandal proof
- Window heater & blower
- Adjustable sunshield
- EPoT Input
- AISI 316L stainless steel construction
- Fits corrosive & severe environments



S5100-T

Features

- **Germanium window**
- IP68 rated, IK10 vandal proof
- Blower
- Adjustable sunshield
- EPoT Input
- AISI 316L stainless steel construction
- Fits corrosive & severe environments

AISI 316L Stainless Steel Camera Housing

Thermal Camera Housing Line



S2100

Features

- Germanium window
- IP68 rated, IK10 vandal proof
- AC24V/DC24V input
- Blower
- Adjustable sunshield
- AISI 316L stainless steel construction
- Fits corrosive & severe environments



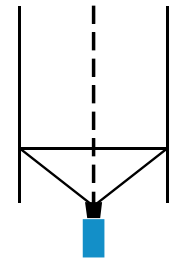
S5100

Features

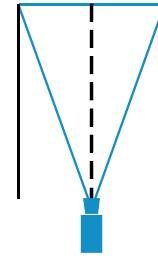
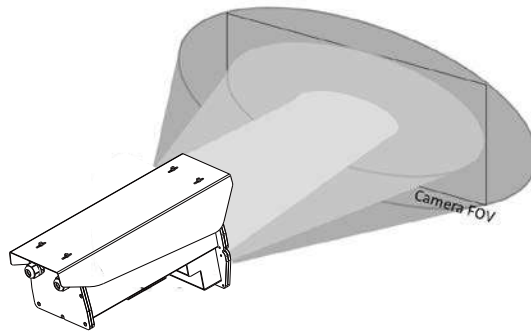
- Germanium window
- IP68 rated, IK10 vandal proof
- 30W at PoE Input
- Blower
- Adjustable sunshield
- AISI 316L stainless steel construction
- Fits corrosive & severe environments

VAIR Illuminator Technology

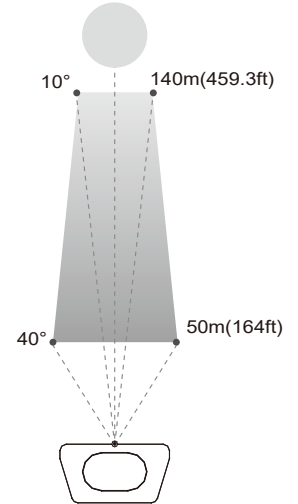
VAIR technology is an optical technology to adjust illuminator beam angle by remote control thru RS485 Pelco-D command or manual dip switch to suit camera FOV



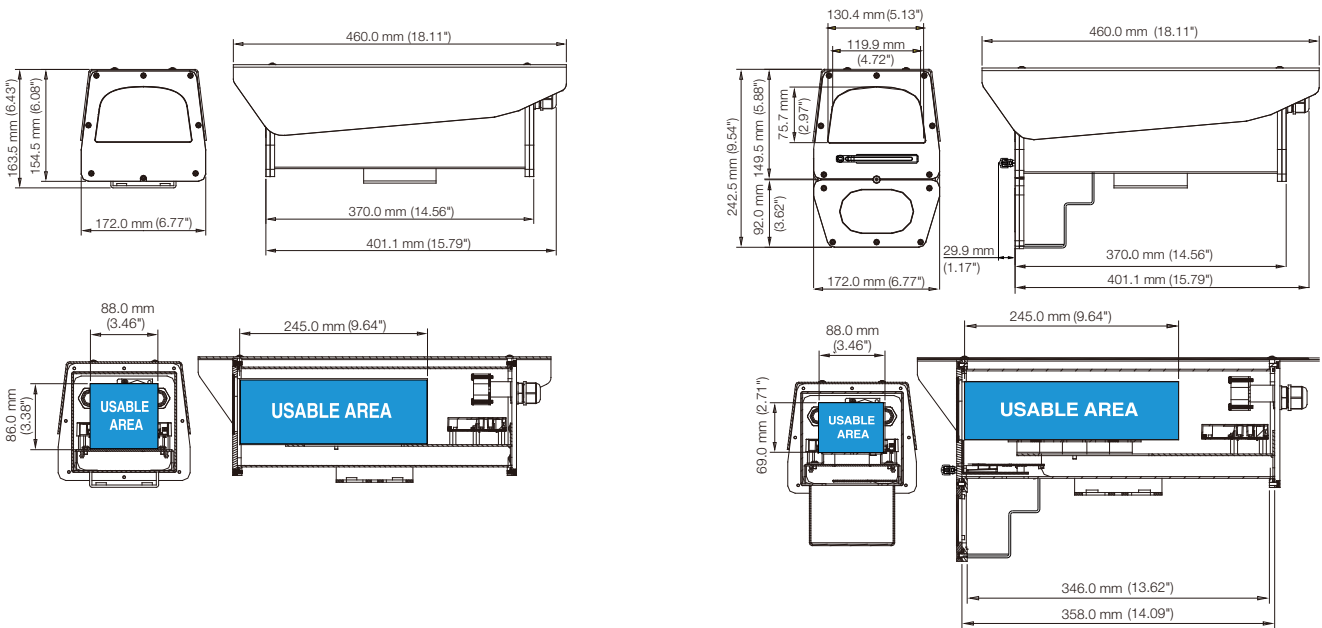
Wide angle for short distance



Tele angle for long distance



AISI 316L Stainless Steel Dimensions



Related Products

Wall Mount Bracket



BK-103
AISI 316L Stainless Steel
Wall Mount Bracket

Water Tank & Pump (For -W model)



TP-100
Stainless Steel
10L Water Tank & Pump

Pole Mount



AT-102
AISI 316L Stainless steel
Pole Mount Adapter

*Professional Illuminators for
Security Lighting.*



Illuminators Product Guide



Manual
Motor
Pulse Mode
Affordable

2 Easy Configuration



- 4 LED ON/OFF Control Modes
- Adjustable Light Sensor Sensitivity
- Support Pelco D via RS485 Interface

3 Smart Protection



- LED High Temp Self-protection
- Diagnostic

4 Reliable Casing



- Solid Particle Protection IP6X
- Liquid Ingress Protection IPX6/IPX8
- Impact Protect IK10

5 Beam Angle Adjust



- Fix Angle
- Manual Tech
- Motor Tech

Professional - Manual Adjustable Beam Angle



VR-486-1040

Features

- 48W Fixed IR viewing over IR 850nm lighting source
- Beam angle: 10°~40°
- Capture range: 100~250m (590~850ft)
- IP66, IP68 rated, IK10 vandal proof
- 24VAC or 24VDC input power



VR-486-2040

Features

- 48W Fixed IR viewing over IR 850nm lighting source
- Beam angle: 20°~40°
- Capture range: 120~200m (393~656ft)
- IP66, IP68 rated, IK10 vandal proof
- 24VAC or 24VDC input power



VR-486-4080

Features

- 48W Fixed IR viewing over IR 850nm lighting source
- Beam angle: 40°~80°
- Capture range: 60~90m (196~295ft)
- IP66, IP68 rated, IK10 vandal proof
- 24VAC or 24VDC input power



VR-486-90120

Features

- 48W Fixed IR viewing over IR 850nm lighting source
- Beam angle: 90°~120°
- Capture range: 44~55m (147~180ft)
- IP66, IP68 rated, IK10 vandal proof
- 24VAC or 24VDC input power



VR-486-180

Features

- 48W Fixed IR viewing over IR 850nm lighting source
- Beam angle: 180°
- Capture range: 0~40m (0~131ft)
- IP66, IP68 rated, IK10 vandal proof
- 24VAC or 24VDC input power



VW-486-1040

Features

- 48W Fixed IR viewing over White Light 5000K
- Beam angle: 10°~40°
- Capture range: 100~250m (590~850ft)
- IP66, IP68 rated, IK10 vandal proof
- 24VAC or 24VDC input power



VW-486-2040

Features

- 48W Fixed IR viewing over White Light 5000K
- Beam angle: 20°~40°
- Capture range: 120~200m (393~656ft)
- IP66, IP68 rated, IK10 vandal proof
- 24VAC or 24VDC input power



VW-486-4080

Features

- 48W Fixed IR viewing over White Light 5000K
- Beam angle: 40°~80°
- Capture range: 60~90m (196~295ft)
- IP66, IP68 rated, IK10 vandal proof
- 24VAC or 24VDC input power



VW-486-90120

Features

- 48W Fixed IR viewing over White Light 5000K
- Beam angle: 90°~120°
- Capture range: 45~55m (147~180ft)
- IP66, IP68 rated, IK10 vandal proof
- 24VAC or 24VDC input power

Professional - Motor Adjustable Beam Angle



VR-806-1040

Features

- 90W Fixed IR viewing over IR 850nm lighting source
- Beam angle: 10°~40°
- Capture range: 140~350m (459~1148ft)
- IP66, IP68 rated, IK10 vandal proof
- 24VAC or 24VDC input power



VR-806-2040

Features

- 90W Fixed IR viewing over IR 850nm lighting source
- Beam angle: 20°~40°
- Capture range: 170~280m (557~918ft)
- IP66, IP68 rated, IK10 vandal proof
- 24VAC or 24VDC input power

Professional - Pulse Mode



VR-246-1040

Features

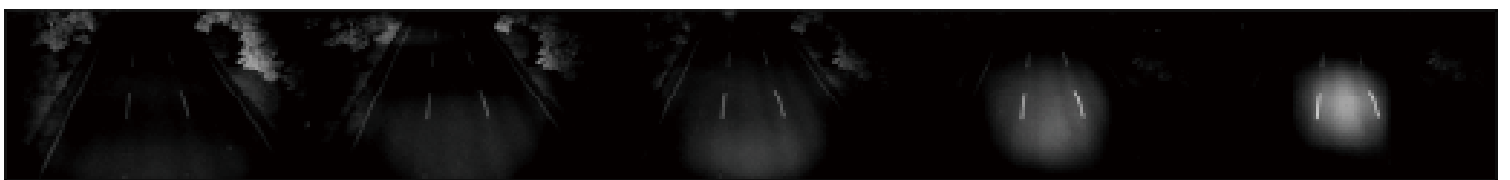
- 24W (288W Pulse Mode Power) over IR 850nm lighting source
- IP66, IP68 rated, IK10 vandal proof
- 24VDC input power



VR-246-2040

Features

- 24W (288W Pulse Mode Power) over IR 850nm lighting source
- IP66, IP68 rated, IK10 vandal proof
- 24VDC input power





Affordable-Fixed Beam Angle



FR-326-010

Features

- 32W Fixed IR viewing over IR 850nm lighting source
- Beam angle: 10°
- Capture range: 0~180m (0~590ft)
- IP66 rated, IK10 vandal proof
- 24VAC or 24VDC input power



FR-326-035

Features

- 32W Fixed IR viewing over IR 850nm lighting source
- Beam angle: 35°
- Capture range: 0~60m (0~196ft)
- IP66 rated, IK10 vandal proof
- 24VAC or 24VDC input power



FR-326-070

Features

- 32W Fixed IR viewing over IR 850nm lighting source
- Beam angle: 70°
- Capture range: 0~35m (0~114ft)
- IP66 rated, IK10 vandal proof
- 24VAC or 24VDC input power



FR-326-100

Features

- 32W Fixed IR viewing over IR 850nm lighting source
- Beam angle: 100°
- Capture range: 0~25m (0~85ft)
- IP66 rated, IK10 vandal proof
- 24VAC or 24VDC input power



FW-326-010

Features

- 32W Fixed IR viewing over White Light 5000K
- Beam angle: 10°
- Capture range: 0~180m (0~590ft)
- IP66 rated, IK10 vandal proof
- 24VAC or 24VDC input power



FW-326-035

Features

- 32W Fixed IR viewing over White Light 5000K
- Beam angle: 35°
- Capture range: 0~60m (0~196ft)
- IP66 rated, IK10 vandal proof
- 24VAC or 24VDC input power



FW-326-070

Features

- 32W Fixed IR viewing over White Light 5000K
- Beam angle: 70°
- Capture range: 0~35m (0~114ft)
- IP66 rated, IK10 vandal proof
- 24VAC or 24VDC input power



FW-326-100

Features

- 32W Fixed IR viewing over White Light 5000K
- Beam angle: 100°
- Capture range: 0~25m (0~85ft)
- IP66 rated, IK10 vandal proof
- 24VAC or 24VDC input power

Security Lighting & LPR Lighting Applications



Long Distance



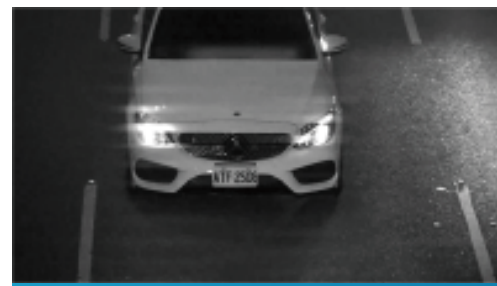
Panoramic Lighting



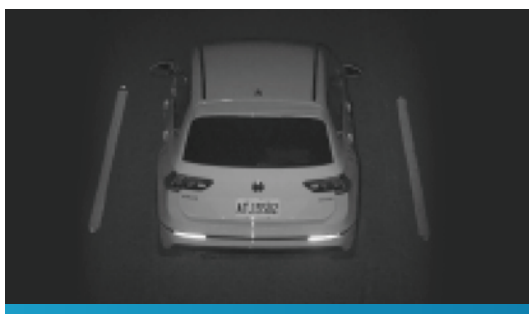
Generic View



LPR Solution



Continuous Mode




Pulse Mode



LEADING PoE SOLUTIONS FOR IP SURVEILLANCE

1 Using all-in-one technology to make outdoor IP connections easy, fast and cost-effective.

 AETEK products are distributed to over 50 countries world-wide, they are reliable and versatile, AETEK solutions are preferred by system integrators.

 Our 1st priority is to bring innovative but practical products to our customers, we will continue roll out unparalleled PoE solutions to our partners.





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