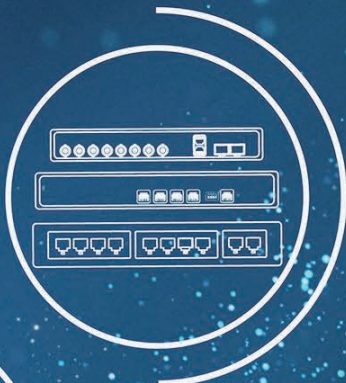
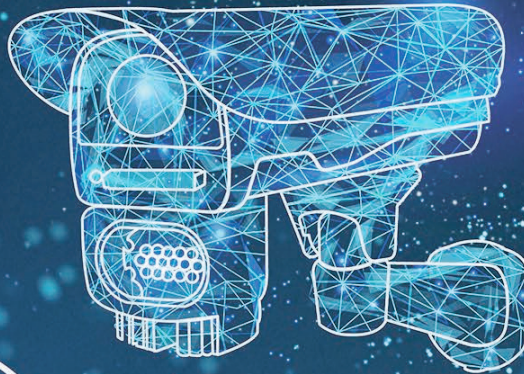
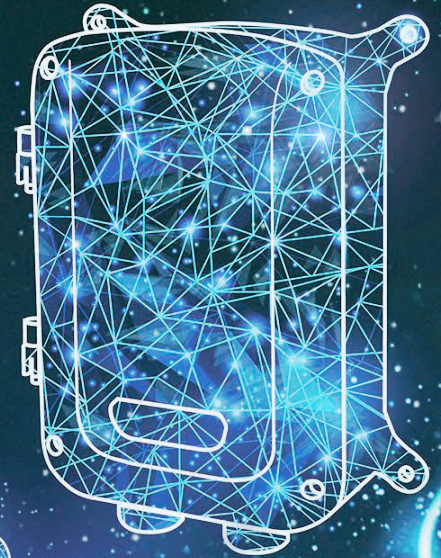




LEADING PoE SOLUTIONS FOR IP SURVEILLANCE

PRODUCT GUIDE



AETEK Product Guide



MAR, 2026

contents

Ceiling PoE Switch Product Guide

- L2 PRO 90W bt PoE Switch
- L2 PRO Ceiling PoE Switch
- 90W bt PoE Switch
- Ceiling PoE Switch

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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)

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PoE Switch Product Guide

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

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L2 PRO PoE Switch Product Guide

- 10G L2 PRO Switch
 - Indoor
- L2 PRO PoE Switch
 - Outdoor IP67/IK10
 - Industrial
 - Indoor
- AETEK NTS Server

P30-40



AETEK NTS (Network Topology System) Integrated with leading VMS

- Genetec Security Center
- Milestone XProtect
- Avigilon Unity Video (formerly ACC)
- Wisenet WAVE
- Nx Witness

P41-43



Gigabit PoE Media Converter Product Guide

- Media Converter
- PoE Media Converter
- PoE PD Media Converter

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Gigabit PoE Injector / Splitter Product Guide

- Indoor Gigabit 60W/90W PoE Injector
- Outdoor IP67/IK10 Gigabit 60W/90W PoE Injector
- Industrial Gigabit 90W PoE Injector
- Industrial Gigabit 90W PoE Splitter

P46-48







Gigabit PoE Extender Product Guide

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

P49-51



contents

<ul style="list-style-type: none"> ● Gigabit PoE Surge Protector Product Guide ● 1-CH Gigabit 802.3 bt/at/af PoE Surge Protectors ● 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 	<hr style="border: 1px solid #00a0e3;"/> <p>P52-54</p>	
<ul style="list-style-type: none"> ● Outdoor Surveillance System ● Backup PoE Cabinet ● IP Backup PoE Cabinet 	<hr style="border: 1px solid #00a0e3;"/> <p>P55-59</p>	
<ul style="list-style-type: none"> ● Camera Housing Product Guide ● AI Camera Housing ● AC24V (Optional DC24V) Camera Housing ● 802.3 bt/at PoE Camera Housing ● AISI 316L Stainless Steel Camera Housing 	<hr style="border: 1px solid #00a0e3;"/> <p>P60-67</p>	
<ul style="list-style-type: none"> ● Illuminator Product Guide ● Manual Adjustable ● Motorized Adjustable ● Affordable 	<hr style="border: 1px solid #00a0e3;"/> <p>P68-70</p>	

Naming Rule

Functions –

40 / 42 = Unmanaged

60 / 62 = L2 PRO Managed

70 = L2+ / L3 PRO Managed

Number of Uplink port –

2 = 2 x uplink data ports

4 = 4 x uplink data ports

Total Power budget –

120 = 120 watts, AC input

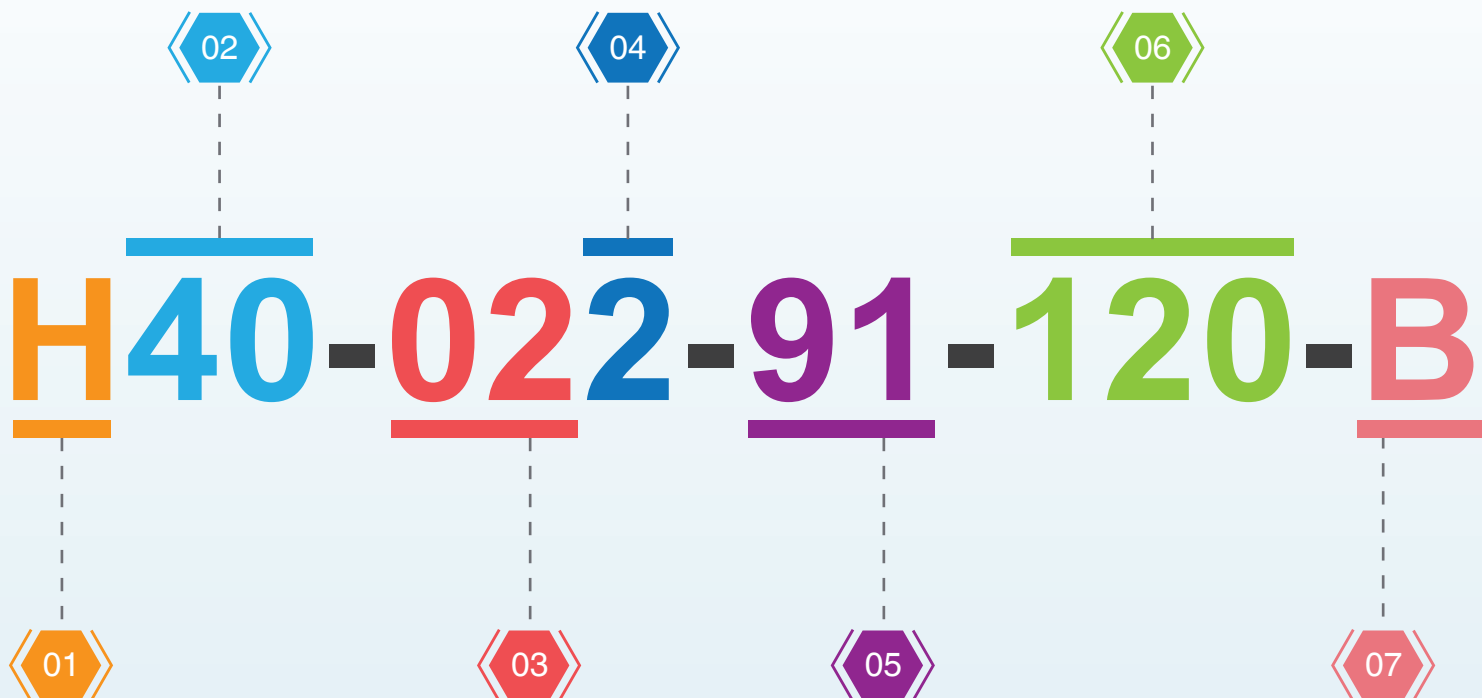
250 = 250 watts, AC input

380 = 380 watts, AC input

770 = 770 watts, AC input

DC = 12~56V DC input

BT= bt PoE input

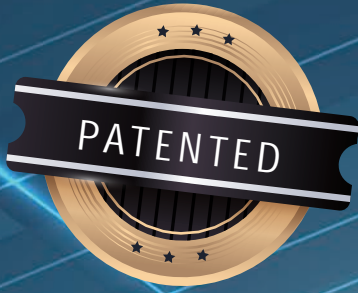


C = Indoor / Commercial Grade
 D = Din-rail / Industrial Grade
 H = Hardened / Outdoor Grade

Number of PoE Port –
 02 = 2 x PoE ports
 04 = 4 x PoE ports
 08 = 8 x PoE ports
 16 = 16 x PoE ports
 24 = 24 x PoE ports

PoE Output Power per port –
 91 = 90 watts 802.3 bt PoE output
 30 = 30 watts 802.3 at PoE output
 90 = 90 watts High PoE (PoH) output
 MX = 90 watts bt / PoH PoE +
 30 watts at PoE output

B = Compatible with Avigilon / Axis / Hanwha camera mounts
 P = Passive PoE output
 U = Battery input for power backup



Ceiling PoE Switch Product Guide

L2 PRO Ceiling PoE Switch
Ceiling PoE Switch



Ceiling PoE Switch

90W bt PoE

Indoor Desktop

GbE

Managed

12-port



C62-084-91-770 P4

8-port



C62-044-91-380 P4

Unmanaged

12-port



C42-084-91-770 P8

6-port



C42-042-91-380 P8

Daisy-Chain

12V/24VDC Output

Daisy-Chain & 12V/24VDC Output unsupported

Indoor Ceiling

GbE

Managed 6-port

C62-050-30-B P4

Unmanaged 6-port

C42-050-30-A P8

C62 Series - L2 PRO 90W bt PoE Switch



C62-044-91-380

Features

- 4-port Gigabit 90W bt PoE
- + 2-port Gigabit RJ45
- + 2-port Gigabit SFP
- 380W Power Budget



C62-084-91-770

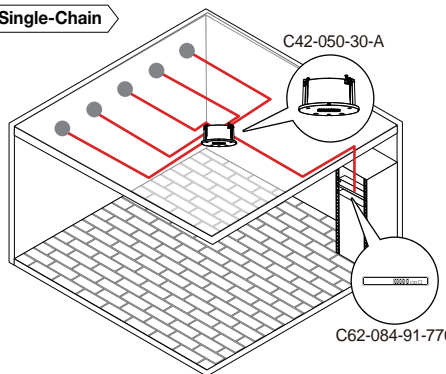
Features

- 8-port Gigabit 90W bt PoE
- + 2-port Gigabit RJ45
- + 2-port Gigabit SFP
- 770W Power Budget

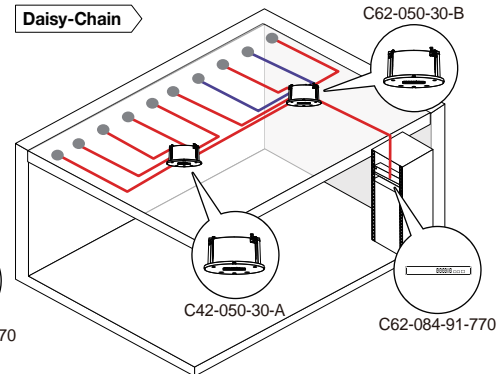
Applications

Ceiling PoE does not require a power supply

Single-Chain



Daisy-Chain



C62 Series - L2 PRO Ceiling PoE Switch

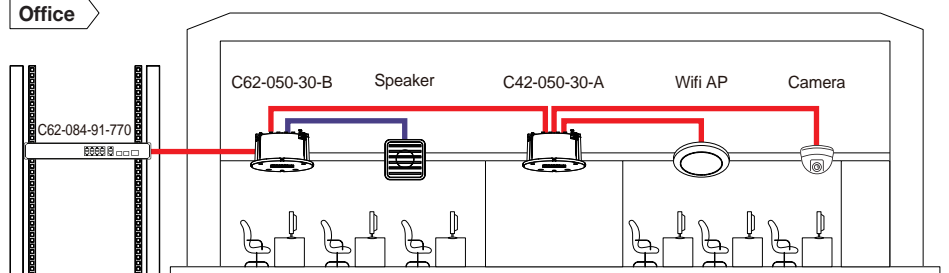


C62-050-30-B

Features

- 1-port Gigabit bt PD PoE Input
- 1-port Gigabit bt PoE
- + 4-port Gigabit at PoE PSE Output
- 12V/24VDC Output
- PoE Booster for Daisy-Chain Topology

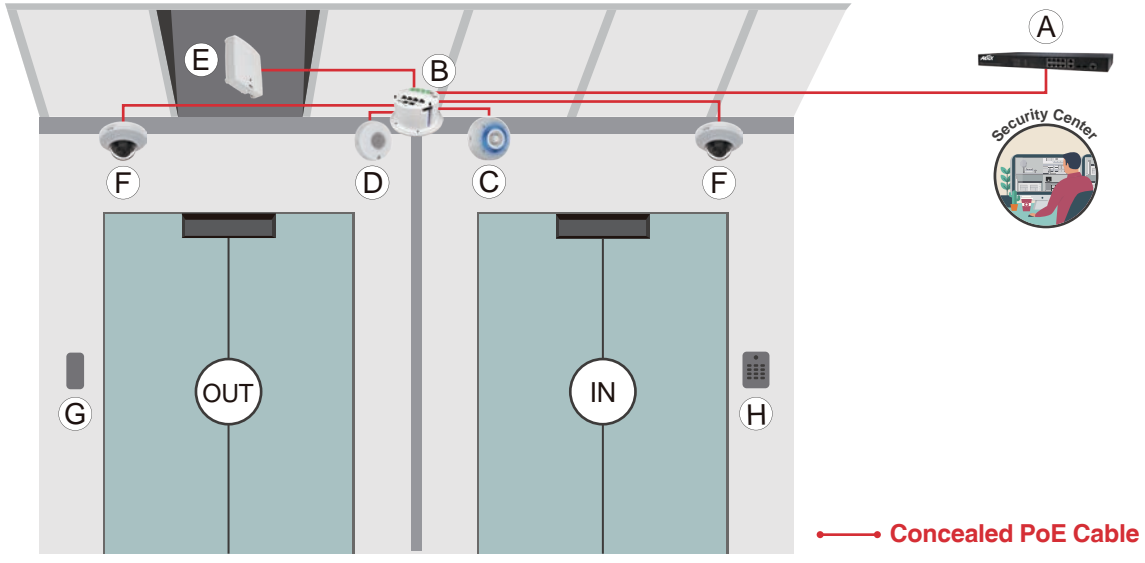
Office



PoE (Data + Power) DC Power

Ceiling PoE Switch

PoE IP Access Control Systems



Genetec

AVIGILON TECHNOLOGY PARTNER
INTEGRATIONS

milestone
TECHNOLOGY PARTNER

STEP TECHNOLOGY PARTNER
Hanuha Vision

n^x

ACEK

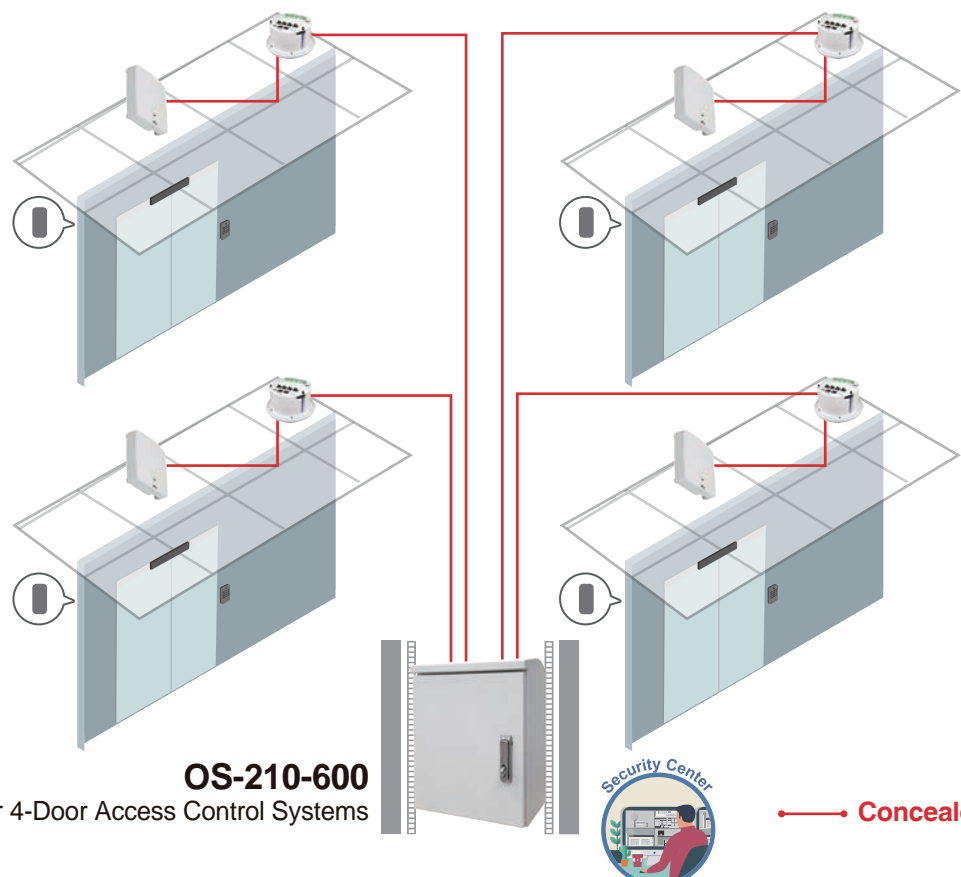
A C62-084-91-770

B C62-050-30-B

AXIS COMMUNICATIONS
ALLEGION **ISONAS**
GALLAGHER **Paxton**
openpath Now part of **AVIGILON ALTA**
Genetec Security Center Synergis.
tyco Kantech **brivo**
Honeywell **MERCURY SECURITY**
TDSi **nedap**
HID **VIMAR** **EDSIX DOOR ENTRY**

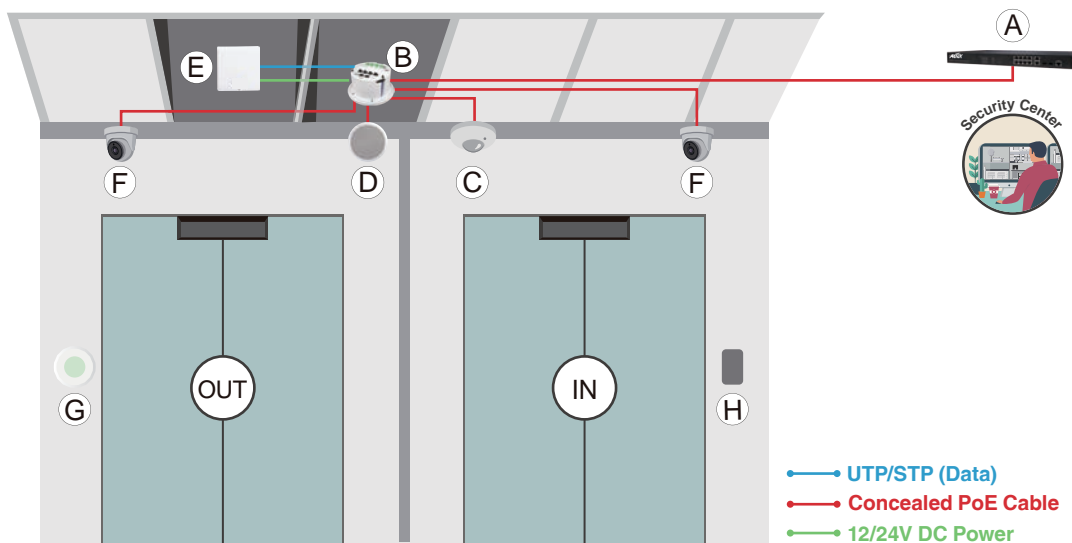
- C Smart Sensor
- D Network Speaker
- E Door Controller
- F Dome Camera
- G Exit Button
- H Card Reader

Up to 4-door Backup PoE Power for PoE IP Access Control Systems



Ceiling PoE Switch

Non-PoE IP Access Control System powered on 12/24V DC



Genetec™

AVIGILON™ | TECHNOLOGY PARTNER
INTEGRATIONS

milestone
TECHNOLOGY PARTNER

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TECHNOLOGY PARTNER
Hanwha Vision

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AEITEK

A C62-084-91-770

B C62-050-30-B

C Smart Sensor

D Network Speaker

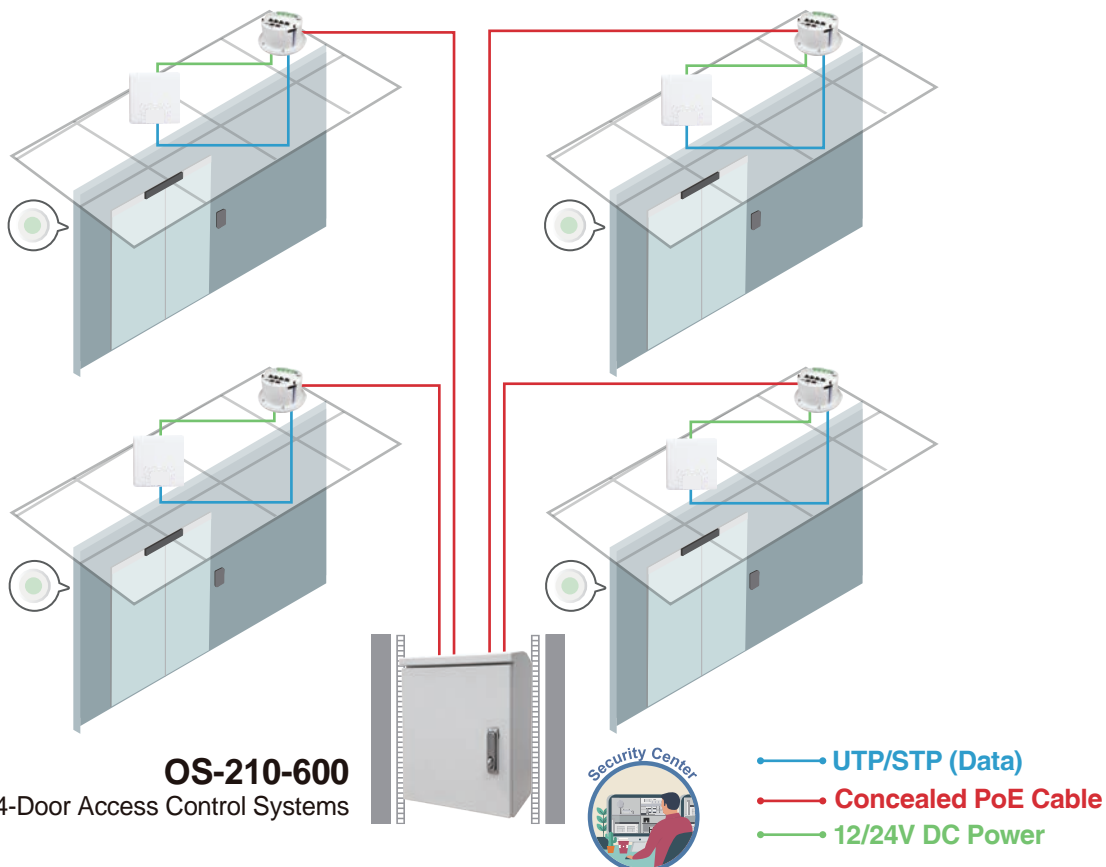
E Door Controller

F Dome Camera

G Exit Button

H Card Reader

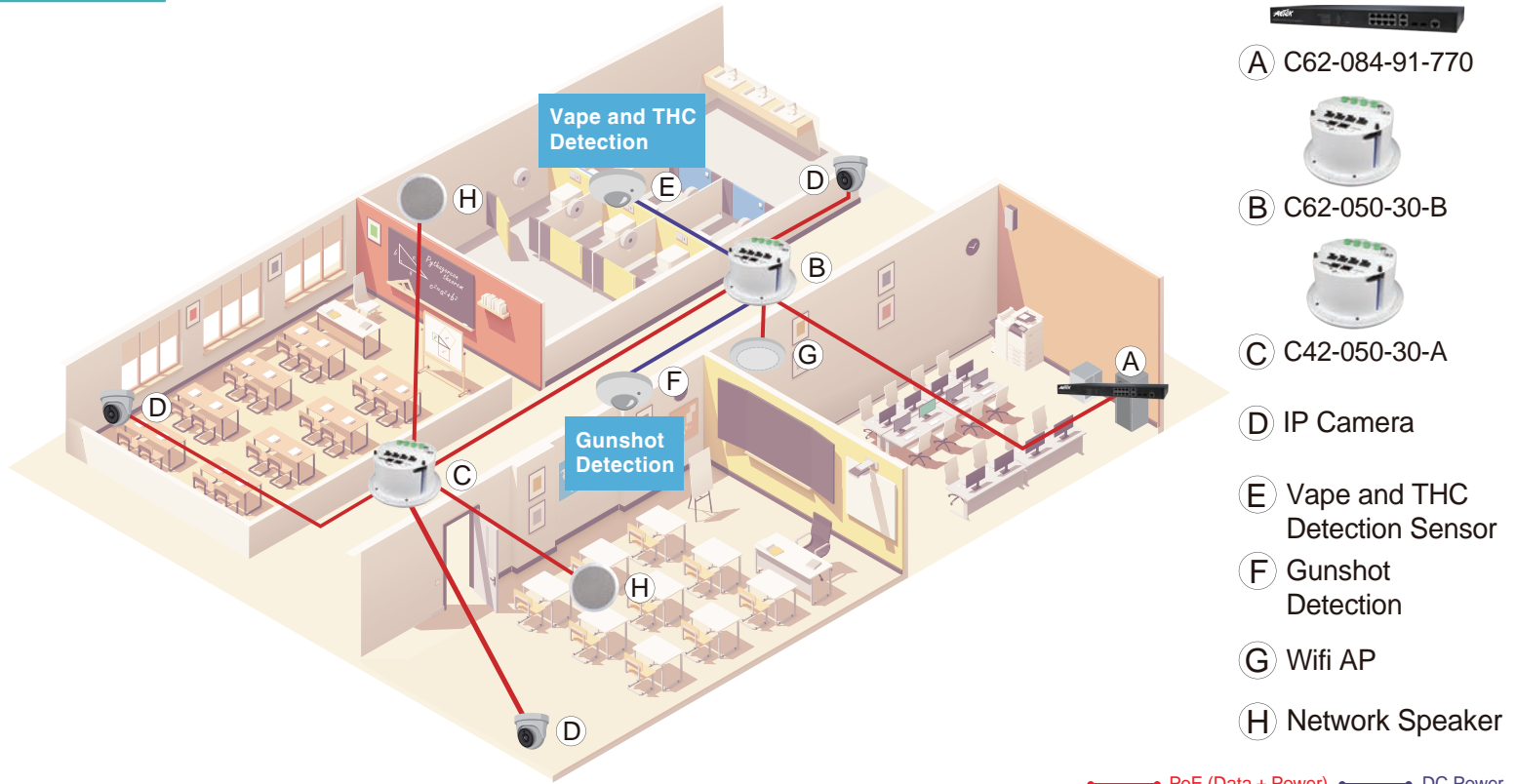
Up to 4-door Backup PoE Power for Non-PoE IP Access Control Systems



OS-210-600
IP Backup PoE Power for 4-Door Access Control Systems

Ceiling PoE Switch

Application



C42 Series - 90W bt PoE Switch



C42-042-91-380

Features

- 4-port Gigabit 90W bt PoE + 2-port Gigabit RJ45
- 380W Power Budget



C42-084-91-770

Features

- 8-port Gigabit 90W bt PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 770W Power Budget

C42 Series - Ceiling PoE Switch



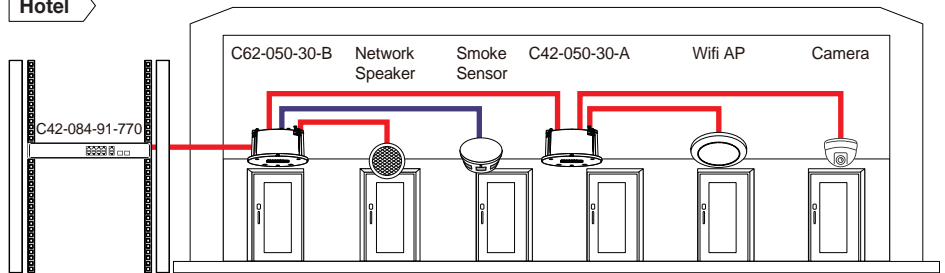
C42-050-30-A

Features

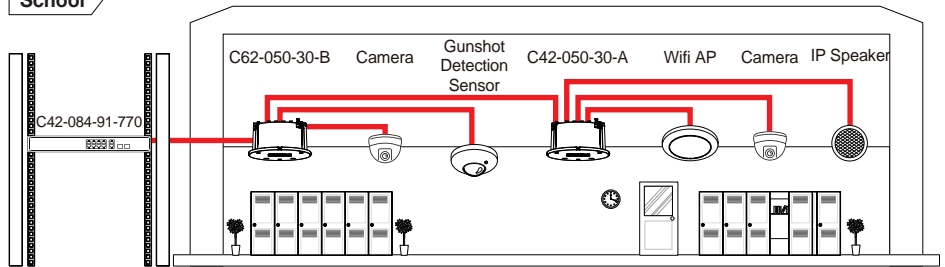
- 1-port Gigabit bt PoE PD Input
- 1-port Gigabit bt PoE + 4-port Gigabit at PoE PSE Output

Applications

Hotel



School



— PoE (Data + Power) — DC Power





Long Range PoE & Ethernet Product Guide

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

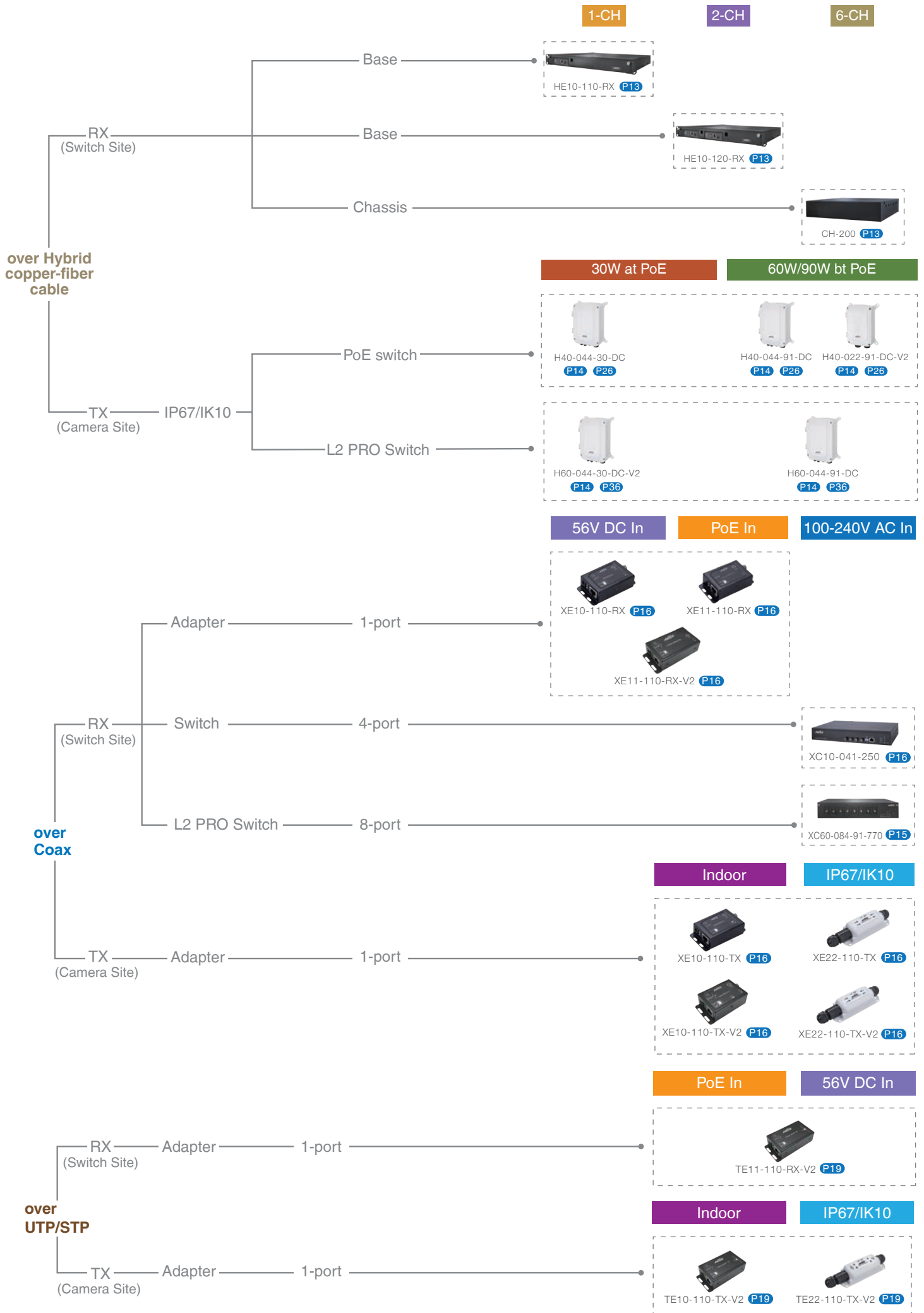
EPoC (Ethernet & Power over Coax)

EPoT (Ethernet & Power over UTP/STP)

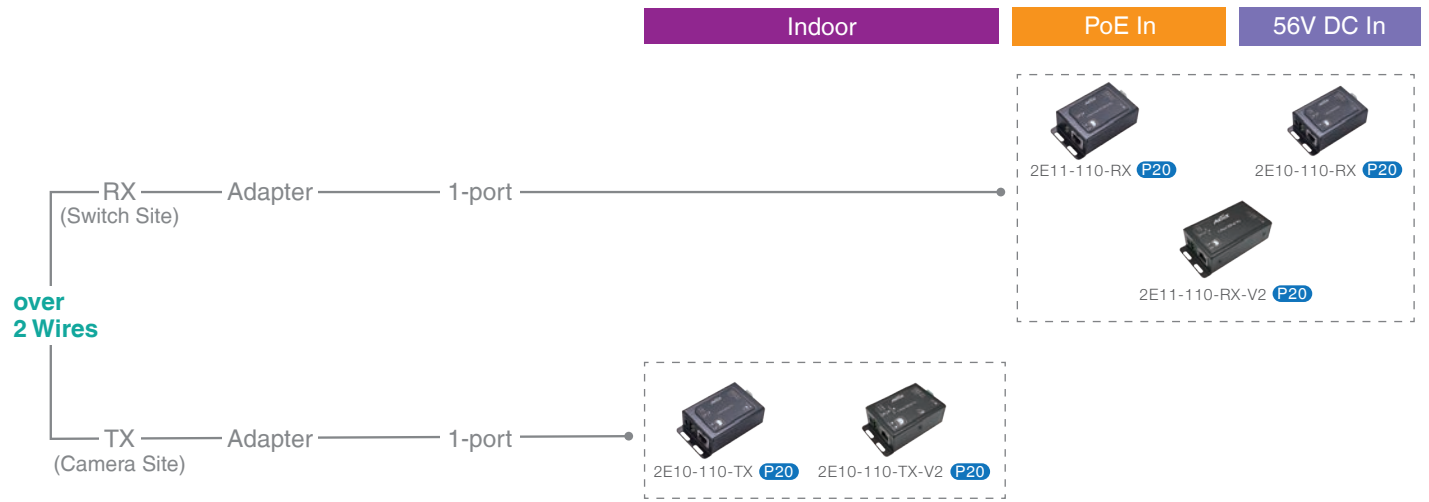
EPo2 (Ethernet & Power over 2 Wires)



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

One Cable, More Possibilities

- The Hybrid cable combines fiber optic cable and copper power cable to extend 17W PoE distance up to 2,400m / 7,874ft.

Fiber Cable

- Long-Distance Data Transmission
- High Bandwidth

Copper Cable

- Long-Distance Power Transmission



Optical fibers SMF or MMF

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



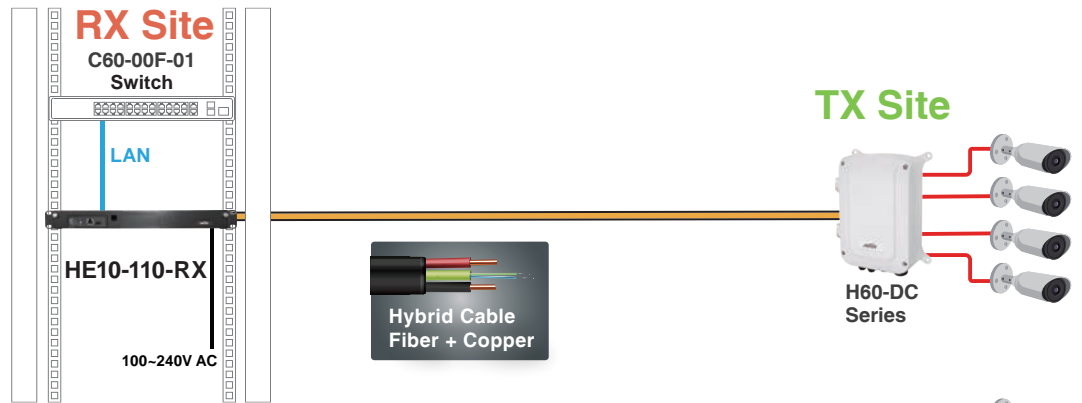
Applications

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

One Channel Solution

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

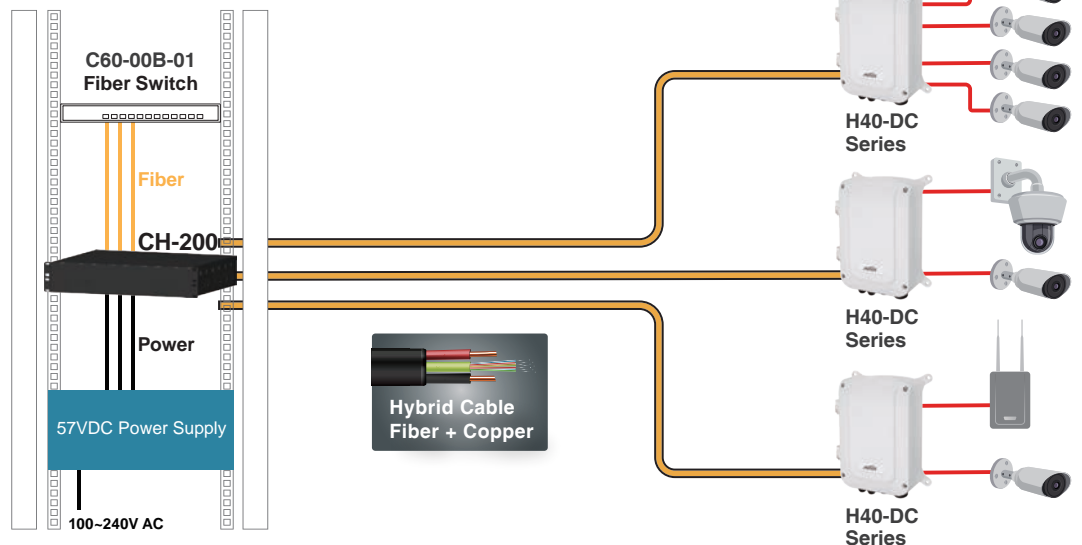
- Hybrid cable (from 3rd party)



Multi-Channel Solution

AETEK CH-200
Power & Fiber Distribution

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



Distance Chart

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

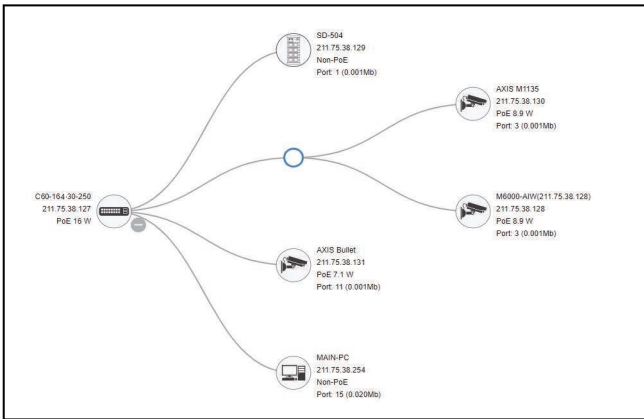
Maximum PoE Power over Cable Distance by Gauge

PSU Output Voltage	Cable Gauge (AWG)	260 W (802.3af/at/bt PoE)	80 W (802.3af/at/bt PoE)	50 W (802.3af/at PoE)	17 W (802.3af PoE)
57V DC	12	250m / 820ft	700m / 2,296ft	1,000m / 3,280ft	2,400m / 7,874ft
	16	100m / 328ft	300m / 984ft	400m / 1,312ft	850m / 2,788ft

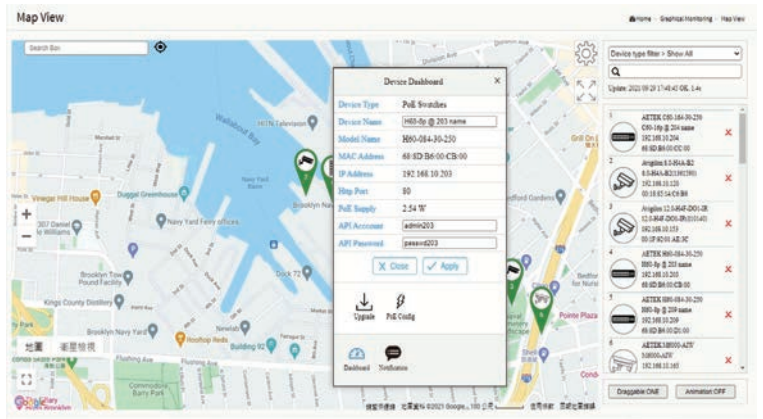
EPoH (Long Range PoE Solution over Hybrid Copper-Fiber Cable)

H60 & D60 L2 PRO PoE Switch: Network Topology System

Topology View



Google Map View



Camera Dashboard

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

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

192.168.1.1

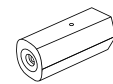
Connection.....

Cable status.....

192.168.1.101



Reboot PoE Camera



TX Site - Outdoor

Outdoor IP67/IK10 Gigabit PoE Switches Type



H40-022-91-DC-V2

- 4xGbE 90W bt PoE
- + 2 x GbE SFP
- 12-56V DC Input
- -40°C~ 65°C (-40°F~ 149°F)

Outdoor IP67/IK10 Gigabit PoE Switches Type



H40-044-30-DC

- 4xGbE 30W at PoE
- + 2xGbE SFP
- + 2xGbE RJ45
- 12-56V DC Input
- -40°C~ 65°C (-40°F~ 149°F)



H40-044-91-DC

- 4xGbE 90W bt PoE
- + 2xGbE SFP
- + 2xGbE RJ45
- 12-56V DC Input
- -40°C~ 65°C (-40°F~ 149°F)

L2 PRO Outdoor IP67/IK10 Gigabit PoE Switches Type



H60-044-30-DC-V2

- 4xGbE 30W at PoE
- + 2xGbE SFP
- + 2xGbE RJ45
- 12-56V DC Input
- -40°C~ 65°C (-40°F~ 149°F)



H60-044-91-DC

- 4xGbE 90W bt PoE
- + 2xGbE SFP
- + 2xGbE RJ45
- 12-56V DC Input
- -40°C~ 65°C (-40°F~ 149°F)

RX Site

Indoor rack-mounted 19" Type



C60-00F-01

- Indoor 24xGbE RJ45 + 4x1G/10G SFP+
- 100-240V AC
- 0°C ~ 50°C (32°F ~ 122°F)



C60-00B-01

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

Accessories



CH-200

- 6-CH Power & Fiber Distribution Chassis



HE10-110-RX

- 1-CH EPoH RX Base

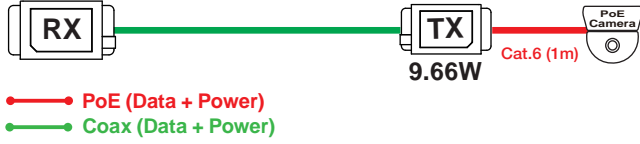


HE10-120-RX

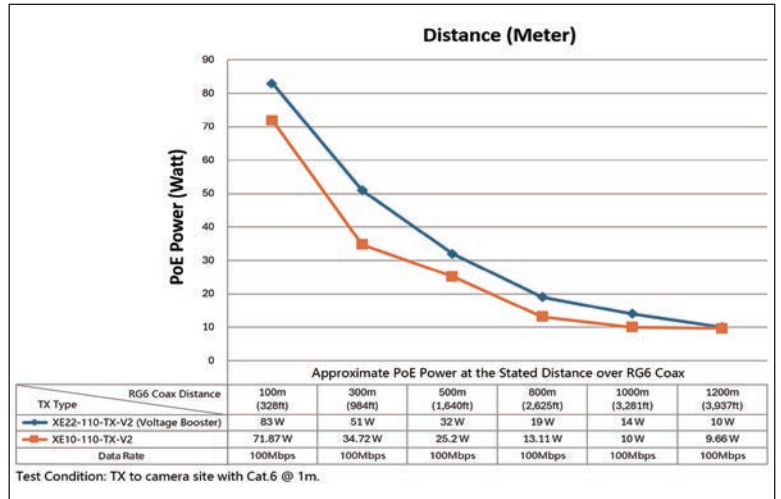
- 2-CH EPoH RX Base

EPoC (Ethernet & Power over Coax)

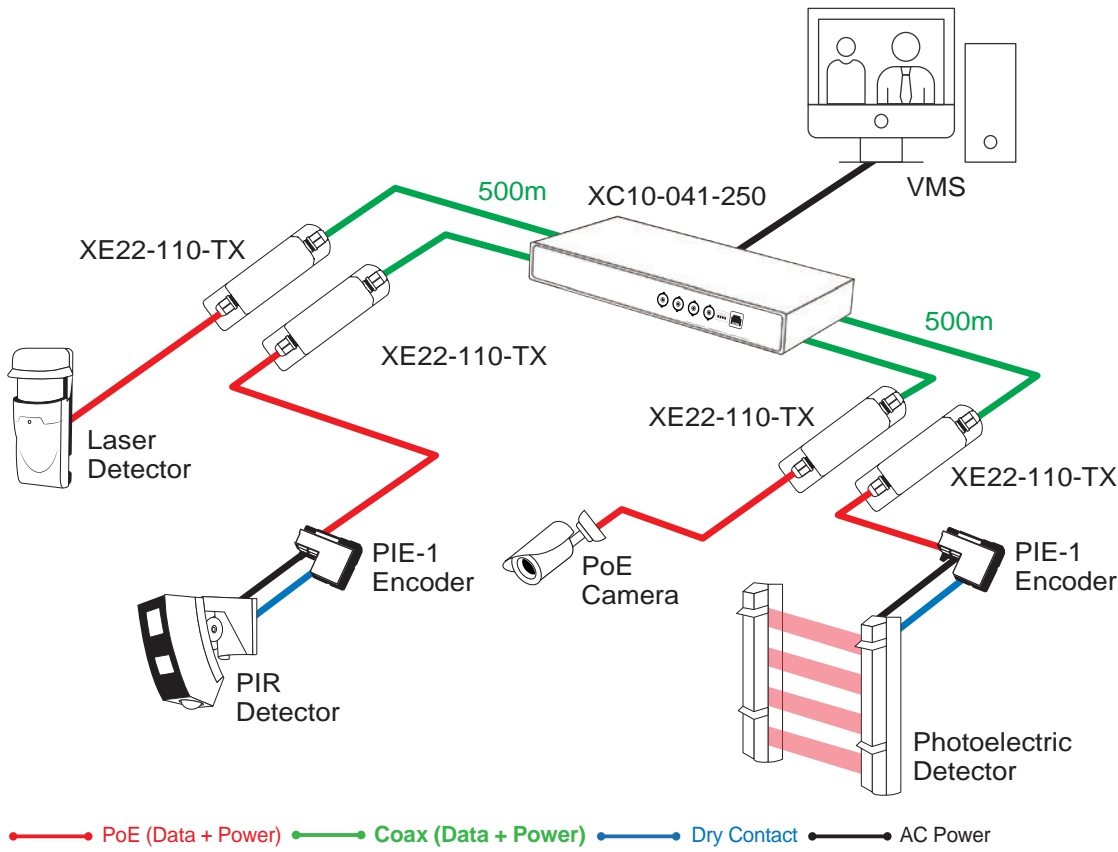
EPoC Power - Distance Chart



Distance Charts (RG6 / Cat6 cable)



Application



EPoC (Ethernet & Power over Coax)



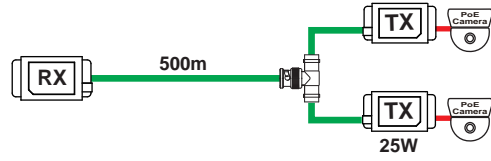
EPoC (Ethernet & Power over Coax) Topology

A: ● 1 - to - 1



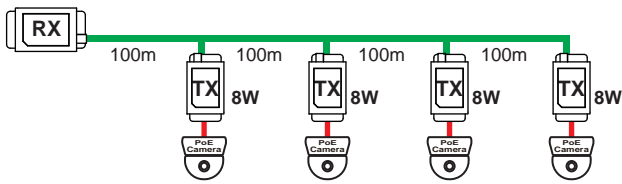
● PoE (Data + Power)
● Coax (Data + Power)
PoE Budget : 9.7W@1,200m / 3,937ft over RG6
Data Rate : 100Mbps

B: ● 1 - to - 2



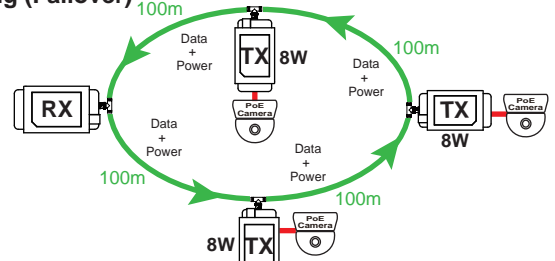
● PoE (Data + Power)
● Coax (Data + Power)
PoE Budget : 25W@500m / 1,640ft over RG6
Data Rate : 100Mbps

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

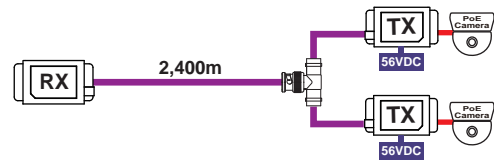
EoC (Ethernet over Coax) Topology

E: ● 1 - to - 1



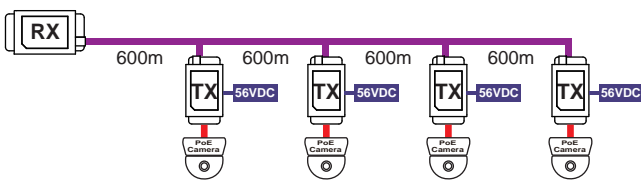
● DC Power
● Coax (Data)
● PoE (Data + Power)
Range : 2,400m / 7,874ft over RG6
Data Rate : 100Mbps

F: ● 1 - to - 2



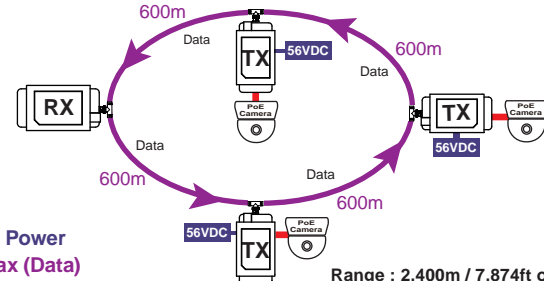
● DC Power
● Coax (Data)
● PoE (Data + Power)
Range : 2,400m / 7,874ft over RG6
Data Rate : 100Mbps

G: ● Daisy - Chain



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

H: ● Ring (Failover)



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

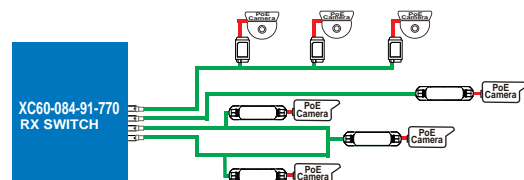
EPoC RX Switch



XC60-084-91-770

Features

- Supports NTS
- 8xBNC coaxial ports, 2xGbE RJ45 port, 2xGbE SFP port
- 720W power budget
- 100-240V AC power input



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)

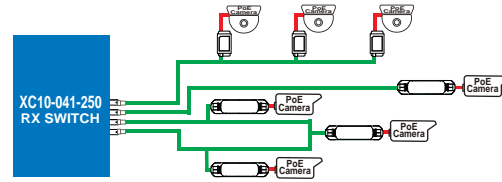
EPoC RX Switch



XC10-041-250

Features

- 4xBNC coaxial ports, 1xGbE RJ45 LAN port
- 250W power budget
- 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



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

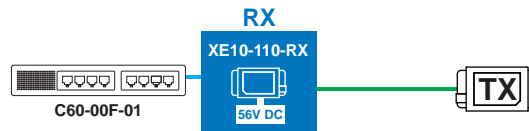
EPoC RX Adapter



XE10-110-RX

Features

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



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



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



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



XE11-110-RX-V2

Features

- One BNC coaxial port & one 10/100Mbps PoE PD port
- 90W@56V DC or 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



EPoC TX Adapter



XE10-110-TX

Features

- One BNC coaxial port & one PoE LAN port
- Re-uses existing coax for a PoE IP camera
- Passive PoE output (IEEE 802.3af compliant)
- Without requiring extra power adapter beside remote PoE IP camera
- PoE Output On/Off control
- Supports 1-to-1, Daisy-chain, Ring Topologies



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



XE10-110-TX-V2

Features

- One BNC coaxial port & one PoE LAN port
- Re-uses existing coax for a PoE IP camera
- IEEE 802.3 af/at/bt PoE Output
- Without requiring extra power adapter beside remote PoE IP camera
- PoE Output On/Off control
- Supports 1-to-1, Daisy-chain, Ring Topologies



IP67/IK10 EPoC TX Adapter



XE22-110-TX

Features

- IP67, IK10, -30°C~60°C
- Built-in 6KV EPoC surge protection
- One BNC coaxial port & one PoE LAN port
- Re-uses existing coax for a PoE IP camera
- Passive PoE output (IEEE 802.3af compliant)
- PoE Output On/Off control
- Supports 1-to-1, Daisy-chain, Ring Topologies



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



XE22-110-TX-V2

Features

- IP67, IK10, -30°C~60°C
- Built-in 6KV EPoC surge protection
- One BNC coaxial port & one PoE LAN port
- Re-uses existing coax for a PoE IP camera
- IEEE 802.3 af/at/bt PoE Output
- PoE Output On/Off control
- Supports 1-to-1, Daisy-chain, Ring Topologies

EPoC (Ethernet & Power over Coax)

EPoC Related Product

CH-100-V2

- 19", 1U 4-bay Rack Mount Chassis
- For 4 sets of XE10-110-RX / XE11-110-RX-V2 & 65W power adapter



CH-110-V2

- 19", 1U 8-bay rack mount chassis
- For 8 pieces of XE11-110-RX / XE11-110-RX-V2



SD-301

- BNC Surge Protector
- 6KV Surge Protection



BNC-T

- T-Type BNC Adapter



BNC-YC

- Outdoor Y-Type BNC Cable



BNC-Y

- Y-Type BNC Adapter



BNC-2P

- 2-pin terminal block adapter



PA-150-065

- 100 ~ 240 VAC input 56VDC/65W output



PA-150-120

- 100 ~ 240 VAC input 56VDC/120W output



XE10-110-TX-V2
XE11-110-RX-V2

Long Range Ethernet & Power over Coax

Extending Your Reach
Empowering Your Network



EPoT (Ethernet & Power over UTP/STP)



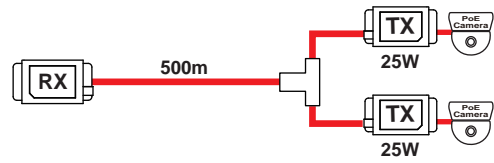
EPoT (Ethernet & Power over UTP/STP) Topology

A: ● 1 - to - 1



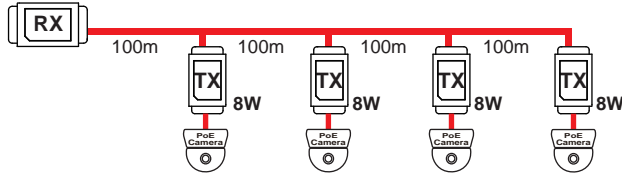
PoE (Data + Power) PoE Budget : 9.7W@1,200m / 3,937ft over Cat6
Data Rate : 100Mbps

B: ● 1 - to - 2



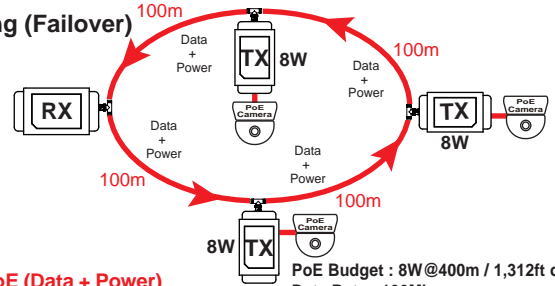
PoE (Data + Power) PoE Budget : 25W@500m / 1,640ft over Cat6
Data Rate : 100Mbps

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

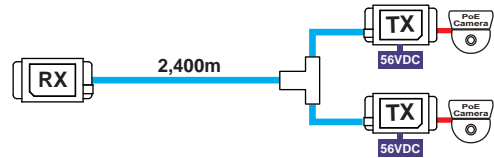
EoT (Ethernet over UTP/STP) Topology

E: ● 1 - to - 1



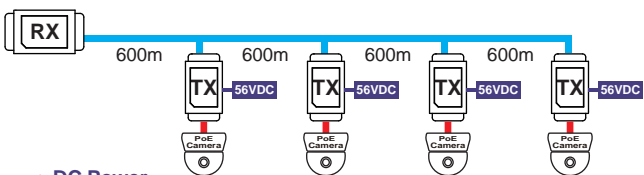
DC Power UTP/STP (Data) PoE (Data + Power)
Range : 2,400m / 7,874ft over Cat6
Data Rate : 100Mbps

F: ● 1 - to - 2



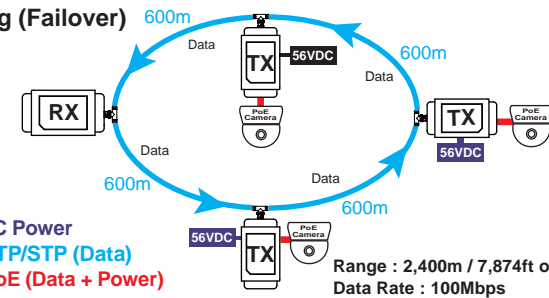
DC Power UTP/STP (Data) PoE (Data + Power)
Range : 2,400m / 7,874ft over Cat6
Data Rate : 100Mbps

G: ● Daisy - Chain



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

H: ● Ring (Failover)



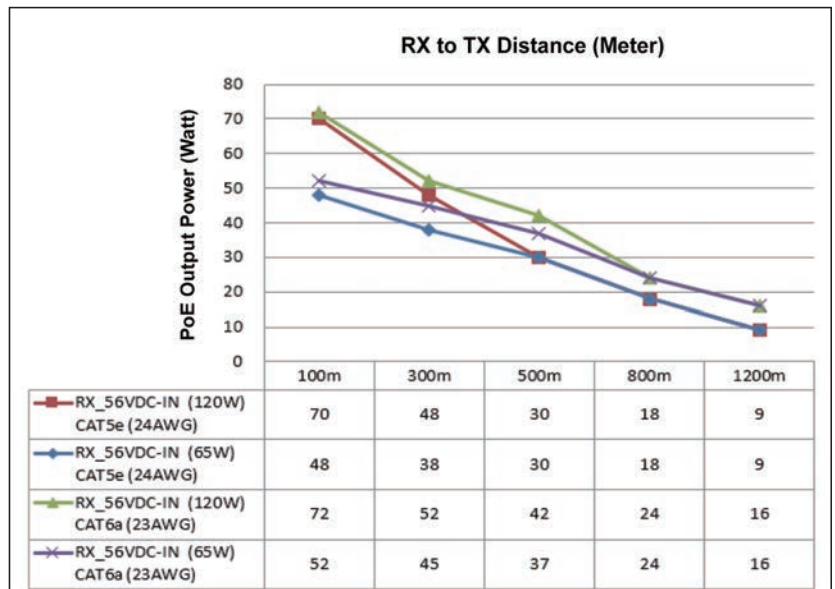
DC Power UTP/STP (Data) PoE (Data + Power)
Range : 2,400m / 7,874ft over Cat6
Data Rate : 100Mbps

EPoT Power - Distance Chart



PoE (Data + Power)

Power / Distance Chart



EPoT (Ethernet & Power over UTP/STP)

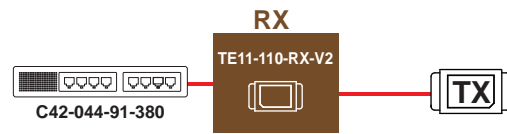
EPoT RX Adapter



TE11-110-RX-V2

Features

- One EPoT RJ45 port & one 10/100Mbps PoE PD port
- 90W@56V DC or 30W/60W/90W PoE input
- Without requiring extra power adapter
- PoE pass through STP to remote PoE IP camera
- Supports 1-to-1, 1-to-2, Daisy-chain, Ring Topologies



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-V2

Features

- One EPoT RJ45 port & one PoE LAN port
- Without requiring extra power adapter beside remote PoE IP camera
- IEEE 802.3 af/at/bt PoE Output
- PoE Output On/Off control
- Supports 1-to-1, Daisy-chain, Ring Topologies



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

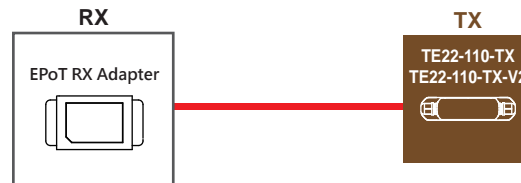
IP67/IK10 EPoT TX Adapter



TE22-110-TX-V2

Features

- IP67, IK10, -30°C~60°C
- Built-in 6KV EPoT surge protection
- One EPoT RJ45 port & one PoE LAN port
- IEEE 802.3 af/at/bt PoE Output
- Without requiring extra power adapter beside remote PoE IP camera
- PoE Output On/Off control
- Supports 1-to-1, Daisy-chain, Ring Topologies



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

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-BNC

- RJ45 to BNC adapter



UTP-2P

- RJ45 to 2 Pin terminal block adapter



STP-YC cable

- Outdoor Y type RJ45 Cable



PA-150-065

- 100 ~ 240V AC input 56V DC/65W output



PA-150-120

- 100 ~ 240V AC input 56V DC/120W output



EPo2 (Ethernet & Power over 2 Wires)



EPo2 (Ethernet & Power over 2 Wires) Topology

EPo2 RX Adapter



2E10-110-RX

Features

- One EPo2 terminal block port & one 10/100Mbps LAN port
- 65W@56V DC power input
- 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



2E11-110-RX-V2

Features

- One EPo2 Terminal block port & one 10/100Mbps PoE PD port
- 90W@56V DC or 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

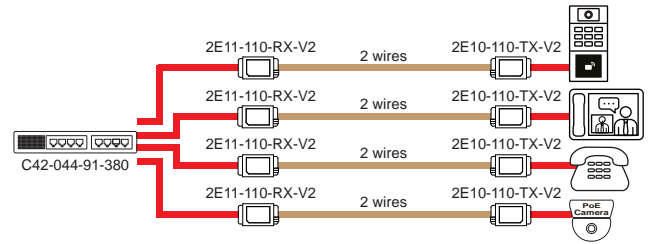
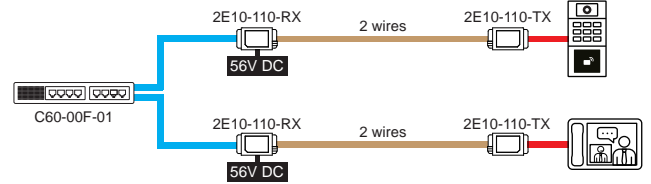
- One EPo2 Terminal block port & one 10/100Mbps PoE port
- Passive PoE output (IEEE 802.3af compliant)
- Without requiring extra power adapter beside remote PoE IP device
- Uses telephone line, doorbell wire or 1-pair UTP/STP to connect PoE IP devices
- PoE Output On/Off control



2E10-110-TX-V2

Features

- One EPo2 Terminal block port & one 10/100Mbps PoE port
- IEEE 802.3 af/at/bt PoE Output
- 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



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



EPo2 Related Product



CH-100-V2

- 19", 1U 4-bay rack mount chassis
- For 4 sets of 2E10-110-RX & 65W power adapter



CH-110-V2

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



PA-150-065

- 100 ~ 240V AC input 56V DC/65W output



PA-150-120

- 100 ~ 240V AC input 56V DC/120W output

Distance Charts

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



PoE Extender Topology

Indoor/Outdoor Gigabit 90W PoE Extender



E59-101



E69-101

Features

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



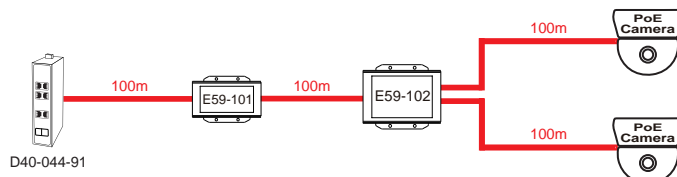
E59-102



E69-102

Features

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



Indoor IEEE 802.3bt PoE++ to IEEE 802.3af/at/bt PoE++ Extender



E59-201



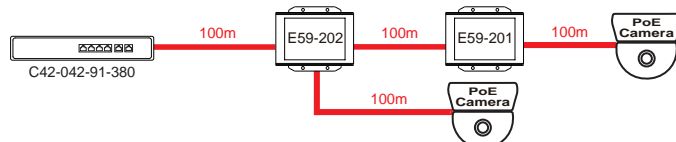
E59-202

Features

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

Features

- 1-port Gigabit 30W/60W/90W bt PoE++ input + 2-port Gigabit 802.3af/at/bt PoE++ output
- 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



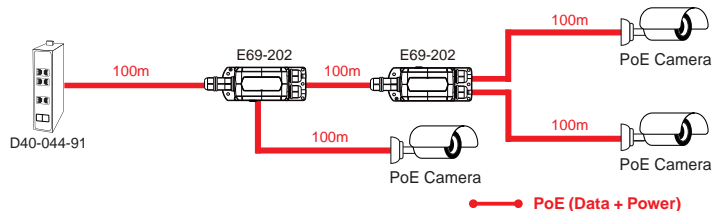
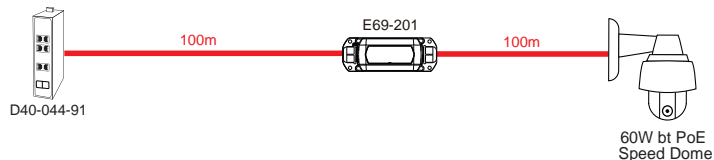
E69-202

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

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



— PoE (Data + Power)

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



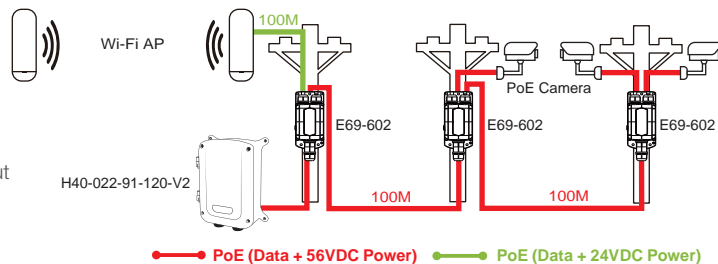
E59-602



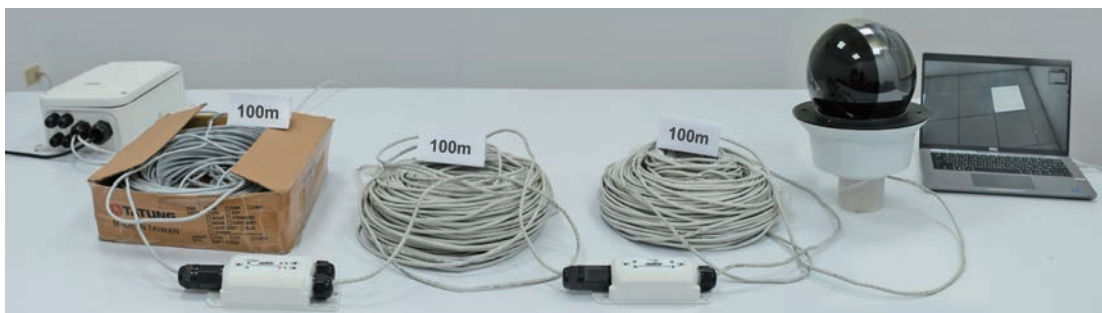
E69-602

Features

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



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





PoE Switch Product Guide

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



Outdoor / Indoor PoE Switch Product Selection

30W at PoE

60W/90W bt PoE

60W/95W PoH PoE

Outdoor
IP67 / IK10

Fast Ethernet

- 5-port
- 10-port



Gigabit Ethernet

- 4-port
- 8-port
- 10-port



-DC:12~56VDC Input Power
Others:100~240VAC Input Power

Passive PoE

30W at PoE

90W bt PoE

Outdoor
IP67 / IK10

Gigabit Ethernet

- 6-port

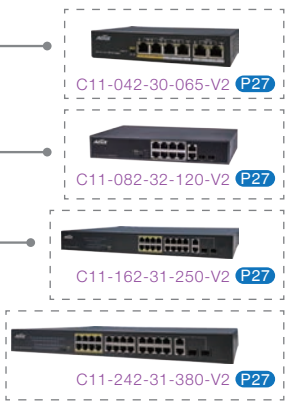


30W at PoE

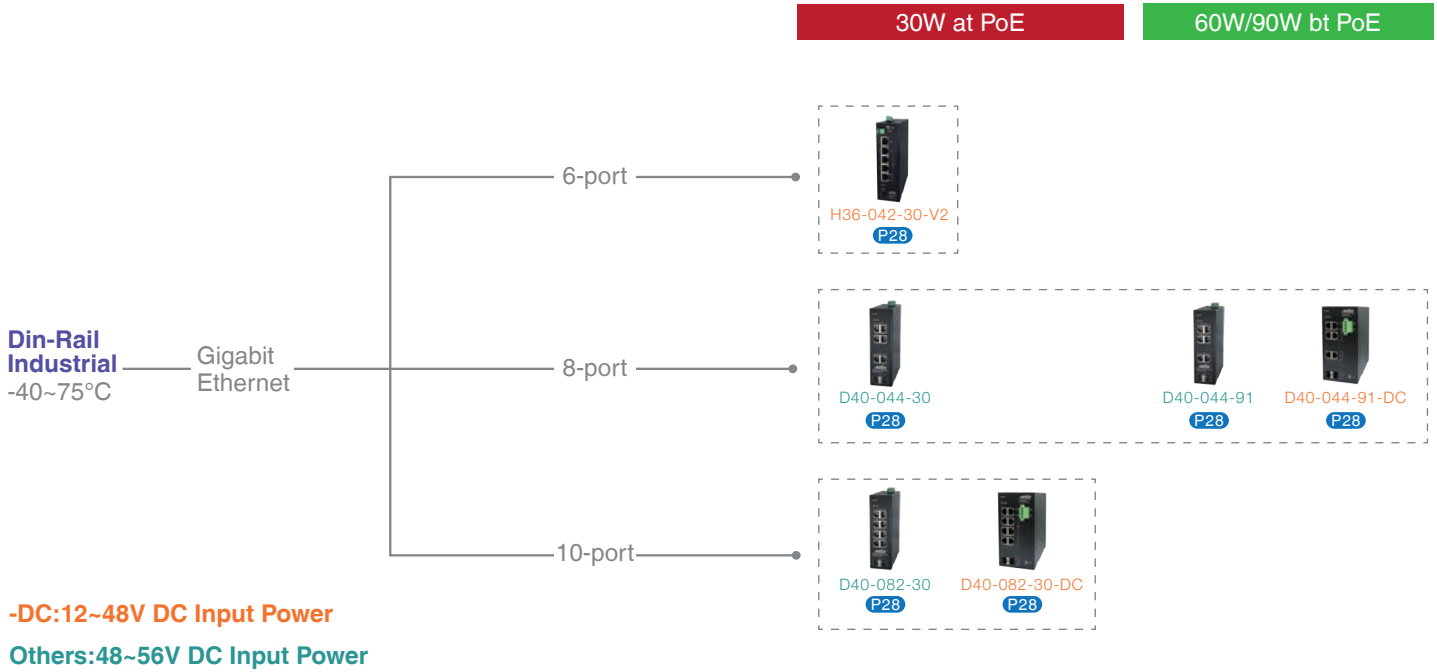
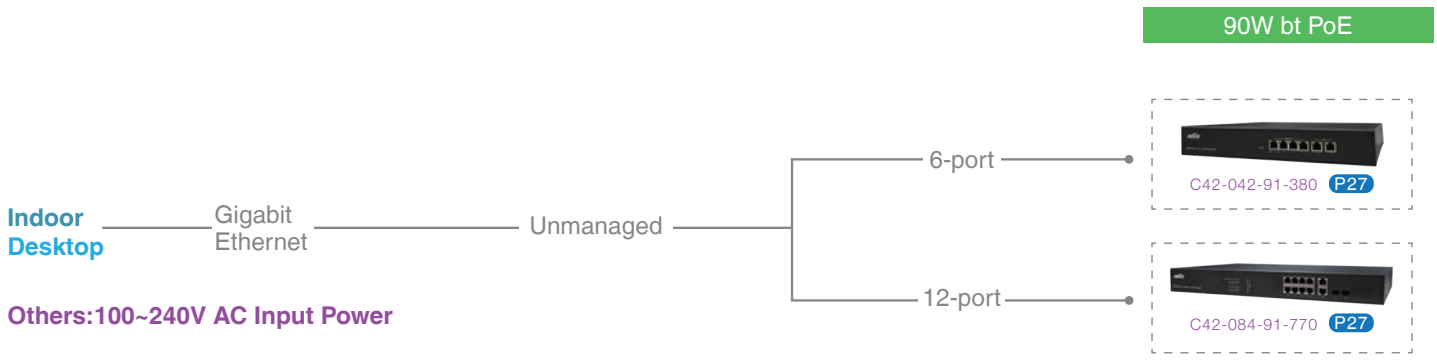
Indoor

Fast Ethernet

- 6-port
- 10-port
- 18-port
- 26-port



Indoor PoE Switch / Industrial PoE Switch Product Selection



Outdoor IP67/IK10 PoE Switch

Outdoor IP67/IK10

H21 Series - Outdoor IP67/IK10 Fast Ethernet EXPoE Switch



H21-041-30-075

Features

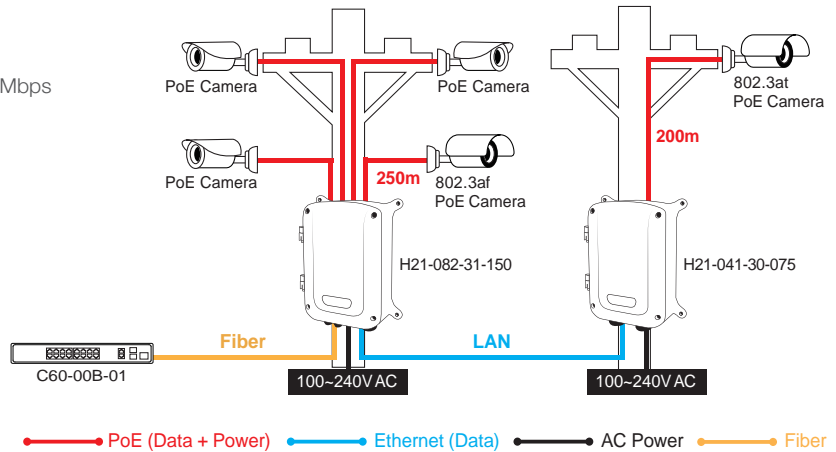
- IP67, IK10, -40°C ~ 65°C
- 4-port 10/100Mbps 30W at PoE + 1-port 10/100Mbps
- 6KV PoE surge protection
- EX mode "on" reaches 802.3af PoE up to 250m@10Mbps
- 100~240V AC input power



H21-082-31-150

Features

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



H40 Series - Outdoor IP67/IK10 Gigabit Ethernet PoE Switch



H40-022-90-120

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
- 100~240V AC input power



H40-022-91-120-V2

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
- 100~240V AC input power



H40-022-91-120-B

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
- Compatible with Avigilon / Axis / Hanwha camera mounts
- 100~240V AC input power



H40-044-30-150-V3

Features

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



H40-044-90-250

Features

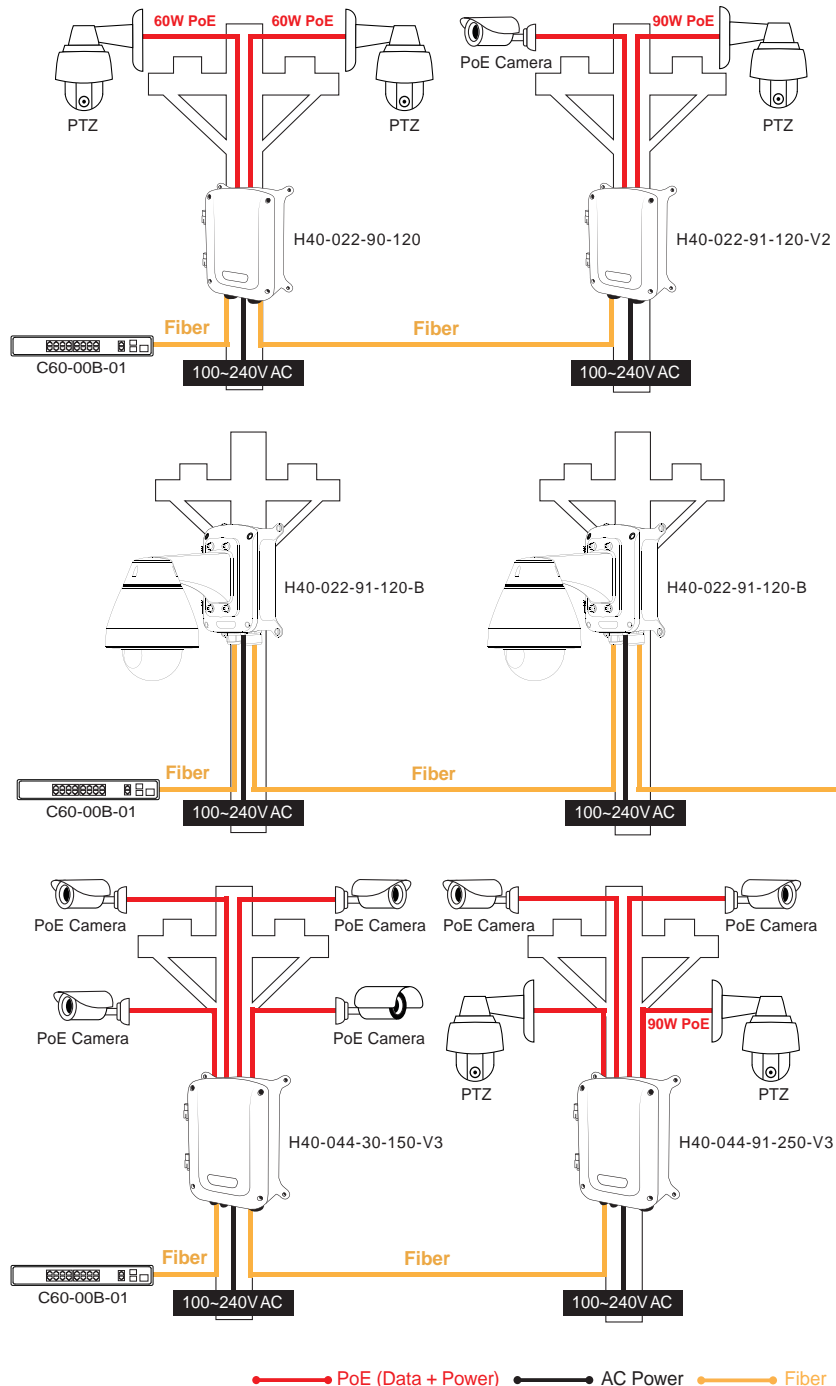
- IP67, IK10, -40°C~ 65°C
- 30W at, 60W/95W PoH PoE output
- 4-port Gigabit 95W PoH PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 6KV PoE surge protection
- 100~240V AC input power



H40-044-91-250-V3

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
- 100~240V AC input power



Outdoor IP67 / IK10 PoE Switch



H40 Series - Outdoor IP67/IK10 Gigabit Ethernet PoE Switch



Features

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

H40-082-30-250-V3



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



Features

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

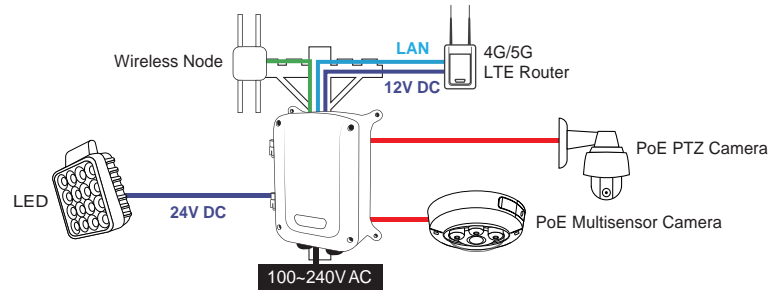
H42-042-30-075-V2



Features

- IP67, IK10, -40°C~ 65°C
- 2-port Gigabit 90W bt PoE + 2-port Gigabit (24V DC/56V DC) Passive PoE + 2-port Gigabit SFP
- 12V DC/24V DC output power
- 6KV PoE surge protection
- 100~240V AC input power

H42-042-91-150



—●— PoE (Data + 56VDC Power) —●— Passive PoE 24VDC/56VDC —●— DC Power —●— LAN

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



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
- 12~56V DC input power

H40-022-91-DC-V2



Features

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

H40-044-30-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
- 12~56V DC input power

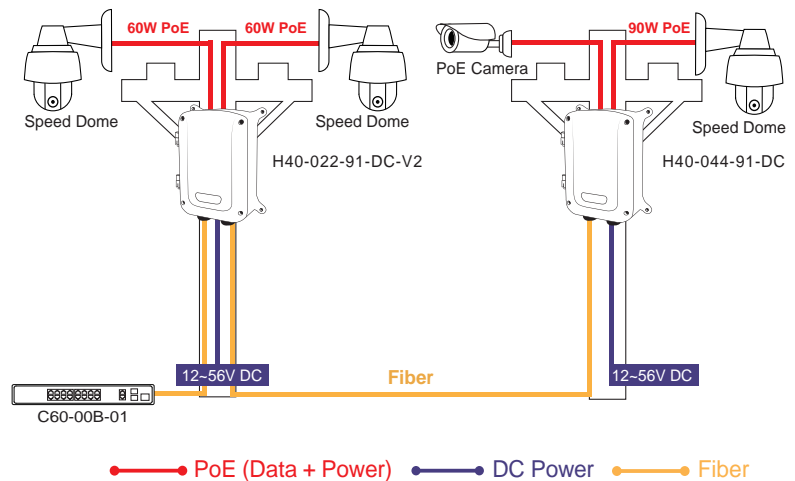
H40-044-91-DC



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
- For Avigilon PTZ/IR PTZ/Multisensor
- 12~56VDC input power

H40-022-91-DC-A-V2



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



Indoor / Industrial PoE Switch

Indoor

C11 Series - EXPoE Switch



C11-042-30-065-V2

Features

- 4-port 10/100Mbps 30W at PoE + 2-port 10/100Mbps
- 6KV PoE surge protection
- EX mode "on" reaches 802.3af PoE up to 250m@10Mbps
- 100~240V AC input power

Features

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

Features

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

Features

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



C11-082-32-120-V2



C11-162-31-250-V2

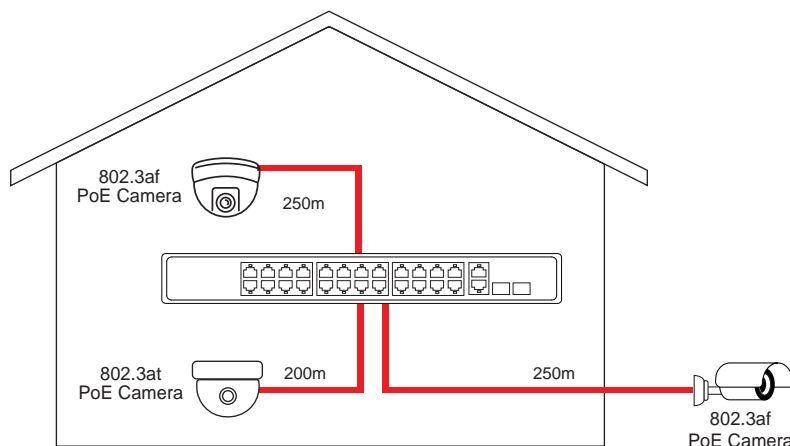
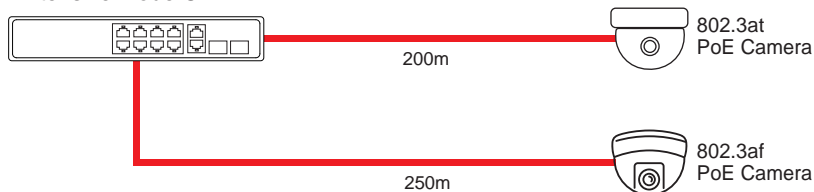


C11-242-31-380-V2

EXtensive Mode OFF



EXtensive Mode ON



— PoE (Data + Power)

C42 Series - 90W bt PoE Switch



C42-042-91-380

Features

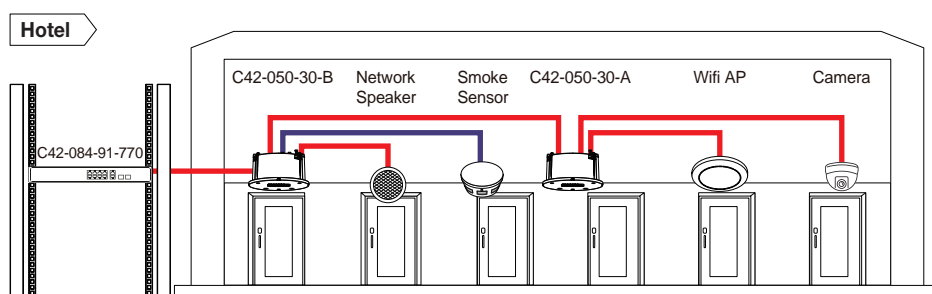
- 4-port Gigabit 90W bt PoE + 2-port Gigabit RJ45
- 380W Power Budget

Features

- 8-port Gigabit 90W bt PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 770W Power Budget



C42-084-91-770



Industrial

Industrial Gigabit Ethernet PoE Switch w/ Adjustable PoE Output



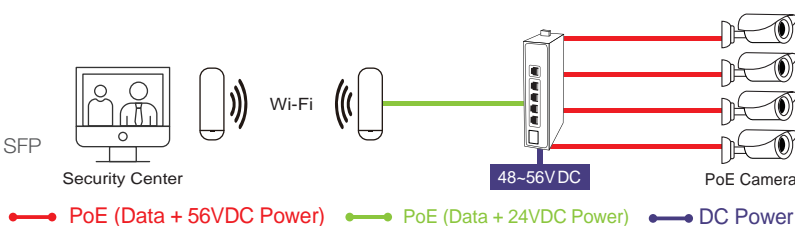
H32-042-30-V2

Features

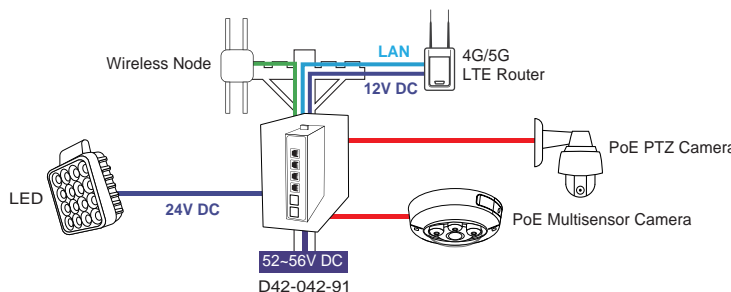
- 4-port Gigabit 30W at PoE + 1-port Gigabit (24V DC/56V DC) Passive PoE + 1-port Gigabit SFP
- 6KV PoE surge protection
- -40°C~75°C operating temperature
- 48~56V DC input power

Features

- 2-port 802.3af/at/bt PoE + 2-port Gigabit (24V DC/56V DC) Passive PoE + 2-port Gigabit SFP
- 6KV PoE surge protection
- -40°C~75°C operating temperature
- 52~56V DC input power



— PoE (Data + 56VDC Power) — PoE (Data + 24VDC Power) — DC Power



— PoE (Data + 56VDC Power) — Passive PoE 24VDC/56VDC — DC Power — LAN

Industrial PoE Switch

Industrial

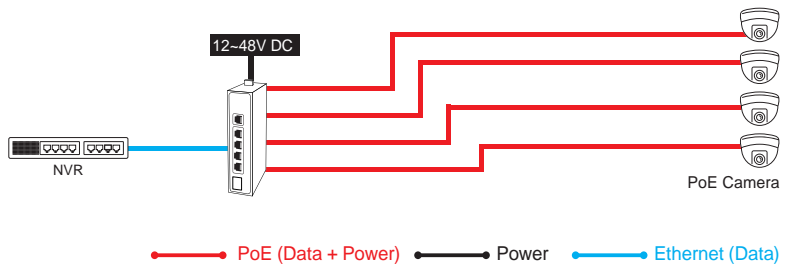
Industrial Gigabit Ethernet PoE Switch w/ 12V~48V DC Input



H36-042-30-V2

Features

- 4-port Gigabit 30W at PoE + 1-port Gigabit RJ45 + 1-port Gigabit SFP
- 6KV PoE surge protection
- -40°C ~ 75°C operating temperature
- 12~48V DC input power



D40 Series - Industrial Gigabit Ethernet PoE Switch



D40-044-30

Features

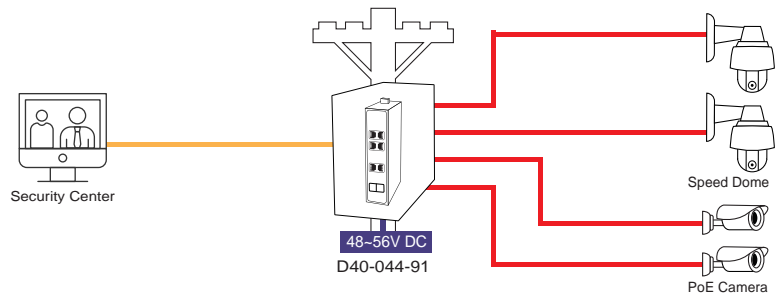
- 4-port Gigabit 30W at PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 6KV PoE surge protection
- -40°C ~ 75°C operating temperature
- 48~56V DC input power



D40-044-91

Features

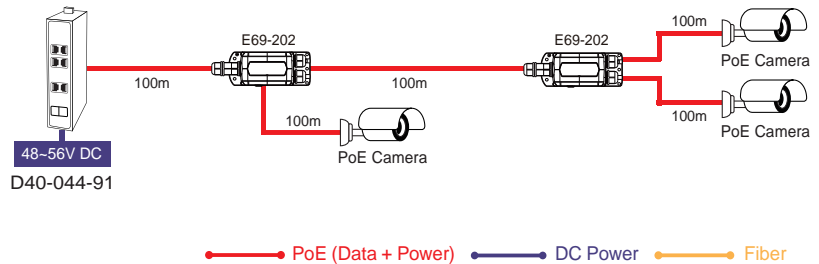
- 30W at, 60W/90W bt PoE output
- 4-port Gigabit 90W bt PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 6KV PoE surge protection
- -40°C ~ 75°C operating temperature
- 48~56V DC input power



D40-082-30

Features

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



D40-DC Series - Din-Rail Industrial Gigabit Ethernet PoE Switch Powered by 12-48V DC



D40-044-91-DC

Features

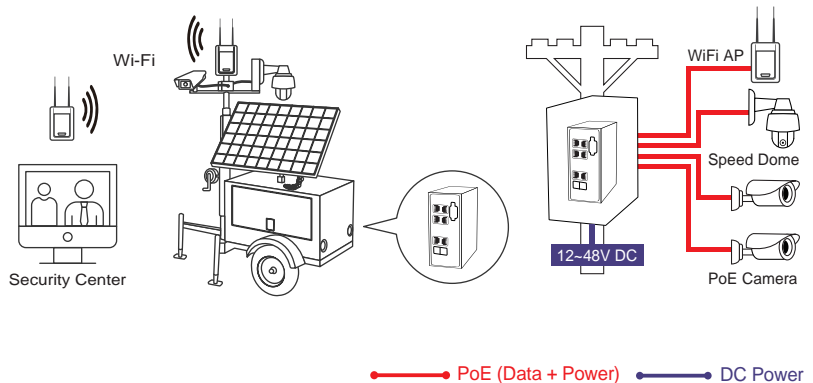
- 30W at, 60W/90W bt PoE output
- 4-port Gigabit 90W bt PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 6KV PoE surge protection
- -40°C ~ 75°C operating temperature
- 12~48V DC input power






D40-082-30-DC



Features





- 8-port Gigabit 30W at PoE + 2-port Gigabit SFP
- 6KV PoE surge protection
- -40°C ~ 75°C operating temperature
- 12~48V DC input power






Related Products



					
SFP Transceiver		Industrial SFP Transceiver		Industrial SFP+ Transceiver	
SFP-SX-X5	1.25G Multi-Mode SFP 850nm, 0.5KM, 0°C ~ 70°C	SFP-ISX-X5	1.25G Multi-Mode SFP 850nm, 0.5KM, -40°C ~ 85°C	SFPP-ISR-X3	IND 10G SFP+, MMF, 850NM, 300M
SFP-SX-02	1.25G Multi-Mode SFP, LC 1310nm, 2KM, 0°C ~ 70°C	SFP-ISX-02	1.25G Multi-Mode SFP, LC 1310nm, 2KM, -40°C ~ 85°C	SFPP-ILR-10	IND 10G SFP+, SMF, 1310NM, 10KM
SFP-LX-10	1.25G Single-Mode SFP, LC 1310nm, 10KM, 0°C ~ 70°C	SFP-ILX-10	1.25G Single-Mode SFP, LC 1310nm, 10KM, -40°C ~ 85°C	SFPP-IER-40	IND 10G SFP+, SMF, 1550NM, 40KM
SFP-LX-40	1.25G Single-Mode SFP, LC 1310nm, 40KM, 0°C ~ 70°C	SFP-ILX-40	1.25G Single-Mode SFP, LC 1310nm, 40KM, -40°C ~ 85°C		
SFP-LX-80	1.25G Single-Mode SFP, LC 1310nm, 80KM, 0°C ~ 70°C	SFP-ILX-80	1.25G Single-Mode SFP, LC 1310nm, 80KM, -40°C ~ 85°C		
SFP-TX-X1	1000BaseT, SFP to RJ45 100M, 0°C ~ 70°C	SFP-ITX-X1	1000BaseT, SFP to RJ45 100M, -40°C ~ 85°C		



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

Pole Mount	
AT-100	 Pole Mount Adapter
AT-101	 Pole Mount Adapter
Corner Mount	
AT-200	 Corner Mount Adapter
Junction Box	
JB-200	 Junction Box

Industrial Power Supply	
DRL-48V120W1EN	 Industrial Din-Rail Power Supply, 48V DC, 120W, -30°C ~ 70°C
DRL-48V240W1EN	 Industrial Din-Rail Power Supply, 48V DC, 240W, -30°C ~ 70°C
DRL-48V480W1EN	 Industrial Din-Rail Power Supply, 48V DC, 480W, -30°C ~ 70°C

Fiber Splice Tray	
AT-302	 Supported Models: H60-022 Series, H40-022 Series
AT-303-V2	 Supported Models: H40-044 Series, H40-082 Series, H60-044 Series, H60-084 Series

Adapter for Axis / Hanwha Mount Bracket	
AT-401	 Adapter for Axis Mount Bracket
AT-402	 Adapter for Hanwha Mount Bracket

Side opening alarm switch kit	
BK-402	 Supported Models: H60-044 Series, H60-084 Series
BK-404	 Supported Models: H60-022 Series



L2 PRO PoE Switch Product Guide

10G L2 PRO Switch
- Indoor

L2 PRO PoE Switch

- Outdoor IP67/IK10

- Industrial

- Indoor

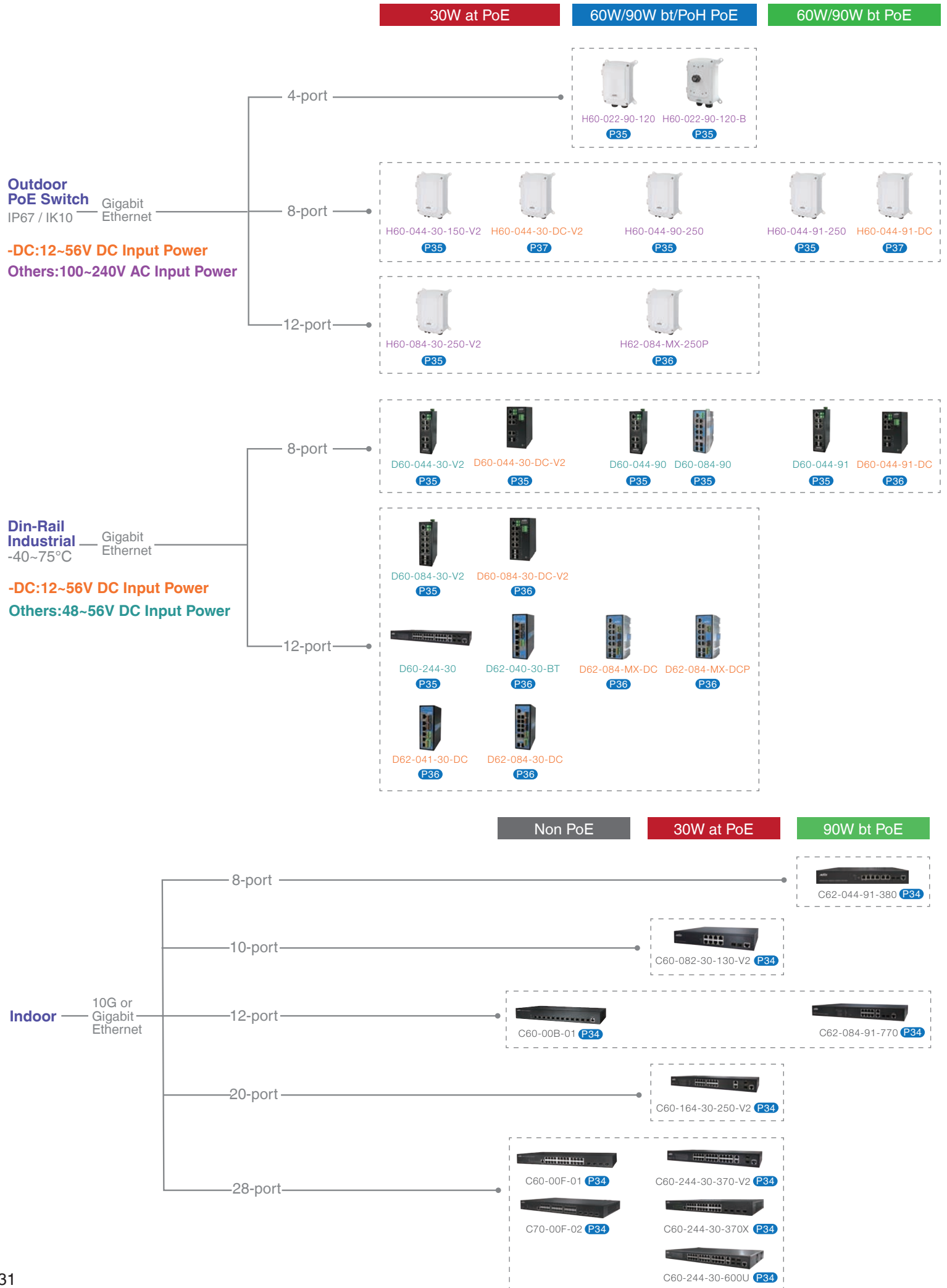


Genetec™

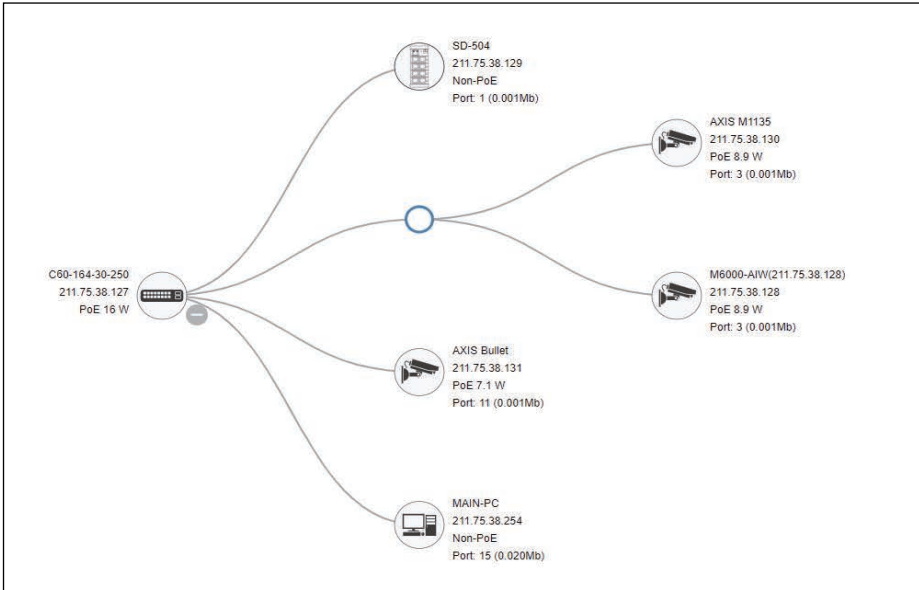
AVIGILON TECHNOLOGY
INTEGRATIONS PARTNER



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



Network Topology System



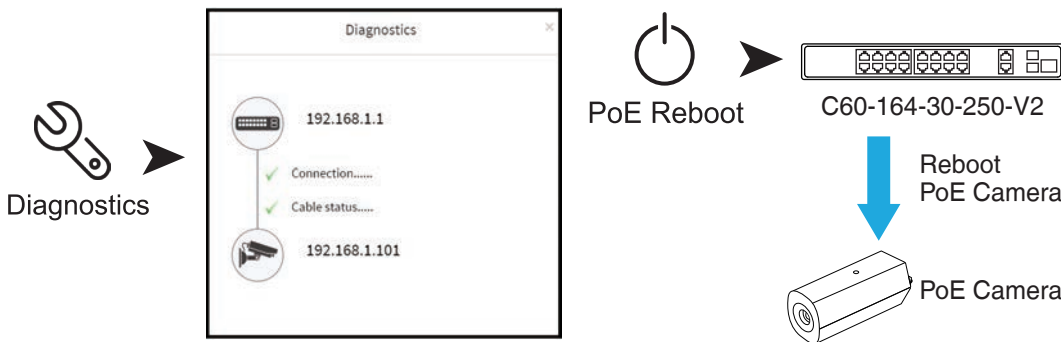
Camera Dashboard

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



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

1	AETEK C60-164-30-250 C60-16p @ 204 name 192.168.10.204 68:8D:B6:00:CC:00	X
2	Avigilon 8.0-H4A-B2 8.0-H4A-B2(1361590) 192.168.10.120 00:18:85:14:C6:B6	X
3	Avigilon 12.0-H4F-DO1-IR 12.0-H4F-DO1-IR(110140) 192.168.10.153 00:1F:92:01:AE:3C	X
4	AETEK H60-084-30-250 H60-8p @ 203 name 192.168.10.203 68:8D:B6:00:CB:00	
5	AETEK H60-084-30-250 H60-8p @ 209 name 192.168.10.209 68:8D:B6:00:D1:00	
6	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

Close Apply

Upgrade PoE Config

Dashboard Notification

1 AETEK C60-164-30-250 C60-16p @ 204 name 192.168.10.204 68:8D:B6:00:CC:00
 2 Arviglen 8.0-H4A-B2 8.0-H4A-B2(1361590) 192.168.10.120 00:18:85:14:C6:B4
 3 Arviglen 12.0-H4F-DO1-IR 12.0-H4F-DO1-IR(110140) 192.168.10.153 00:1F:92:01:AE:3C
 4 AETEK H60-084-30-250 H60-8p @ 203 name 192.168.10.203 68:8D:B6:00:CB:00
 5 AETEK H60-084-30-250 H60-8p @ 209 name 192.168.10.209 68:8D:B6:00:D1:00
 6 AETEK M6000-AIW M6000-AIW 192.168.10.165

Draggable: ONE Animation: OFF

L2 PRO Gigabit PoE Switch Dashboard

PoE Config

Device Type: PoE Switches
 Device Name: D60-044-90
 Model Name: D60-044-90
 MAC Address: 68:8D:B6:00:00:87
 IP Address: 211.75.38.130
 PoE Supply: 3 W
 PoE Auto Checking: DISABLE

Port	PoE Mode
1	BT
2	PoH
3	BT
4	BT

Back Apply

SD-504 AETEK SD-504 68:8D:B6:04:6A:52 211.75.38.132 Port 3
 OS-200 AETEK OS-200 68:8D:B6:00:00:80 211.75.38.128 Port 6

Device type filter > Show All

Update: 2024-09-16 17:12:23 OK: 0.7s

4 AETEK SD-504 SD-504 211.75.38.132 68:8D:B6:04:6A:52
 5 AETEK OS-200 OS-200 211.75.38.128 68:8D:B6:00:00:80
 6 AXIS C1210-E AXIS C1210-E 169.254.205.86 B8:A4:4F:55:F0:3D
 7 VIVOTEK FDS36B-HVF2 VIVOTEK 169.254.243.52 00:02:D1:38:F3:34
 8 Unknown model GPON 211.75.38.17 C0:14:B8:4B:26:FE
 9 Unknown model

Device List

Device List

Show 10 entries Search:

Status	Device Type	Model Name	Device Name	MAC	IP Address
Online	PoE Switches	C62-084-91-770	C62-084-91-770	68:8D:B6:00:CB:00	192.168.10.203
Online	PoE Switches	H60-084-30-250	H60-084-30-250	68:8D:B6:00:D1:00	192.168.10.209
Online	Smart Camera Housings	M6000-AIW	M6000-AIW	68:8D:B6:01:E1:B1	192.168.10.165
Online	IP Cameras	SNC-VB635	Sony	D8:D4:3C:DD:F5:C7	192.168.10.122
Online	IP Cameras	WV-S1131	Panasonic_WV-S1131	BC:C3:42:71:79:D0	192.168.10.104
Online	Modular Surge Protectors	SD-504	SD-504	68:8D:B6:00:00:01	192.168.10.108
Online	General Computers	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	General Computers	General Computer	MIS-TEMP-NB4	A0:A8:CD:26:FE:FD	192.168.10.192

Showing 1 to 10 of 29 entries

Previous 1 2 3 Next

Edit

Indoor L2 PRO Gigabit Ethernet PoE Switch

C70 Series - Indoor L2+ PRO 10G Ethernet Switch



C70-00F-02

Features

- Indoor 24-port Gigabit SFP + 4-port 1G/10G SFP+
- 0°C~40°C (32°F ~ -40°F)
- Dual 100~240V AC input power

C60 Series - Indoor L2 PRO 10G Ethernet Switch



C60-00B-01

Features

- Full 10G Solution
- Indoor 12-port 1G/10G SFP+
- 0°C ~ 50°C (32°F ~ 122°F)
- 100~240V AC input power



C60-00F-01

Features

- Indoor 24-port Gigabit RJ45 + 4-port 1G/10G SFP+
- 0°C~40°C (32°F ~ -40°F)
- 100~240V AC input power



C60-244-30-370X

Features

- Supports NTS
- 24-port Gigabit 30W at PoE + 2-port Gigabit Combo (RJ45 / SFP)
- 2-port Gigabit SFP
- 100~240V AC input power

C60 Series - Indoor L2 PRO Gigabit Ethernet PoE Switch



C60-082-30-130-V2

Features

- Supports NTS
- 8-port Gigabit 30W at PoE + 2-port Gigabit SFP
- 6KV PoE surge protection
- 100~240V AC input power



C60-164-30-250-V2

Features

- Supports NTS
- 16-port Gigabit 30W at PoE + 2-port Gigabit Combo (RJ45 / SFP)
- 2-port Gigabit SFP
- 6KV PoE surge protection
- 100~240V AC input power



C60-244-30-370-V2

Features

- Supports NTS
- 24-port Gigabit 30W at PoE + 2-port Gigabit Combo (RJ45 / SFP)
- 2-port Gigabit SFP
- 6KV PoE surge protection
- 100~240V AC input power

C62 Series - Indoor L2 PRO Gigabit Ethernet 90W bt PoE Switch



C62-044-91-380

Features

- Supports NTS
- 4-port Gigabit 90W bt PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 380W Power Budget



C62-084-91-770

Features

- Supports NTS
- 8-port Gigabit 90W bt PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 770W Power Budget

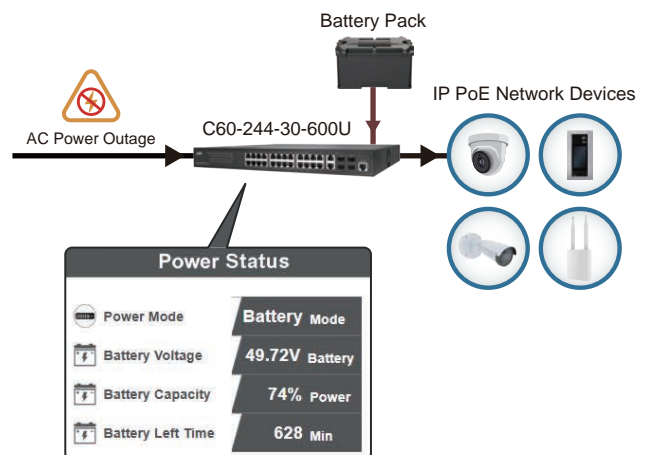
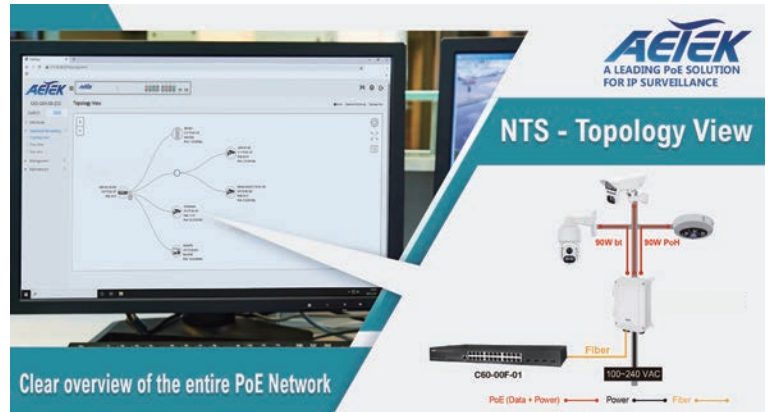
C60 Series - Indoor Uninterruptible PoE L2 PRO Gigabit Ethernet PoE Switch



C60-244-30-600U

Features

- Supports NTS
- 24-port Gigabit 30W at PoE + 2-port Gigabit RJ45/SFP(Combo) + 2-port Gigabit SFP
- AC Power Input: 90-132VAC or 180-264VAC (by region)
- PoE Backup:
 - Built-in UPS PoE Board for PoE backup
 - Charges 48V Sealed Lead Acid or Li-ion battery sets
- 6KV PoE surge protection



Outdoor / Industrial L2 PRO Gigabit Ethernet PoE Switch

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



D60-044-30-V2

Features

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



D60-084-30-V2

Features

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



D60-084-90

Features

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



D60-244-30

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
- 48~56V DC input power

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



H60-022-90-120

Features

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



H60-022-90-120-B

Features

- Supports NTS
- IP67, IK10, -40°C~ 65°C
- 2-port Gigabit 90W bt/PoH PoE + 2-port Gigabit SFP
- 6KV PoE surge protection
- Compatible with Avigilon / Axis / Hanwha camera mounts
- 100~240V AC input power



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
- 100~240V AC input power



H60-044-30-150-V2

Features

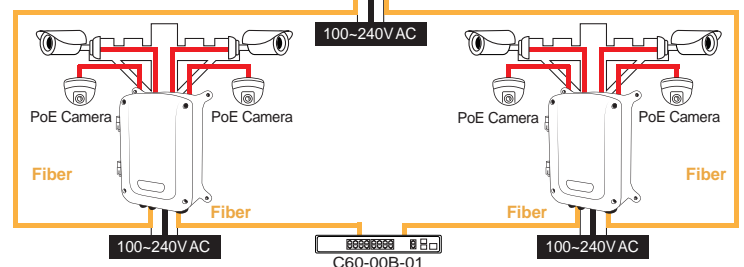
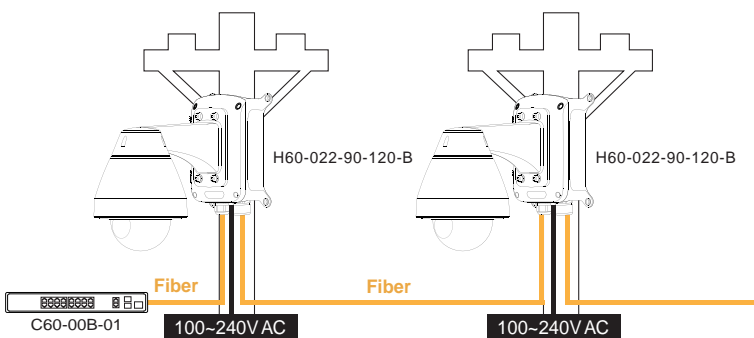
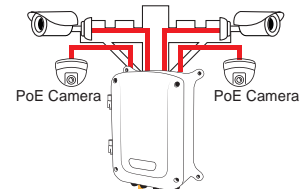
- Supports NTS
- IP67, IK10, -40°C~ 65°C
- 4-port Gigabit 30W at PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 6KV PoE surge protection
- 100~240V AC input power



H60-084-30-250-V2

Features

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



Outdoor / Industrial L2 PRO Gigabit Ethernet PoE Switch

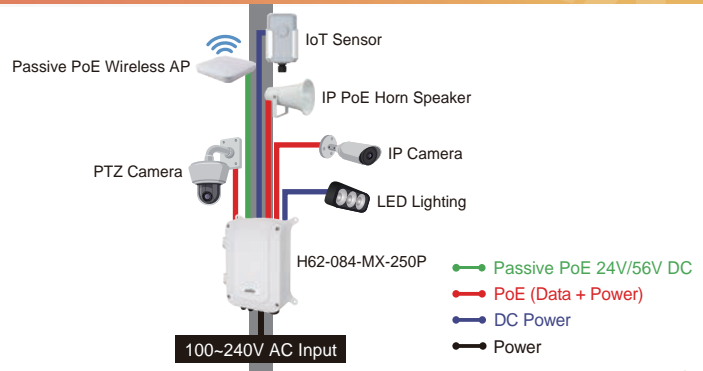
H62 Series - Outdoor IP67/IK10 L2 PRO Gigabit Ethernet Passive PoE Switch



H62-084-MX-250P

Features

- Supports NTS
- IP67, IK10, -40°C~ 65°C
- 4-port Gigabit 90W bt/PoH PoE + 2-port Gigabit 30W at PoE + 2-port Gigabit Adjustable 24V or 56V DC Passive PoE + 4-port Gigabit SFP
- 6KV PoE surge protection
- 100~240V AC input power



D60-DC Series - Din-Rail Industrial L2 PRO Gigabit Ethernet PoE Switch Powered by 12-48V DC



D60-044-30-DC-V2

Features

- Supports NTS
- 4-port Gigabit 30W at PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 6KV PoE surge protection
- -40°C ~ 75°C operating temperature
- 12~48V DC 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
- 12~48V DC input power



D60-084-30-DC-V2

Features

- Supports NTS
- 8-port Gigabit 30W at PoE + 4-port Gigabit SFP
- 6KV PoE surge protection
- -40°C ~ 75°C operating temperature
- 12~48V DC input power

D62 Series - Din-Rail Industrial L2 PRO Gigabit Ethernet PoE Switch



D62-040-30-BT

Features

- Supports NTS
- 4-port Gigabit 30W at PoE + 1-port Gigabit RJ45
- 6KV PoE surge protection
- -40°C ~ 75°C operating temperature
- bt PoE input



D62-041-30-DC

Features

- Supports NTS
- 4-port Gigabit 30W at PoE + 1-port Gigabit RJ45
- 6KV PoE surge protection
- -40°C ~ 75°C operating temperature
- 12~48V DC input power



D62-084-30-DC

Features

- Supports NTS
- 8-port Gigabit 30W at PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 6KV PoE surge protection
- -40°C ~ 75°C operating temperature
- 12~48V DC input power



D62-084-MX-DC

Features

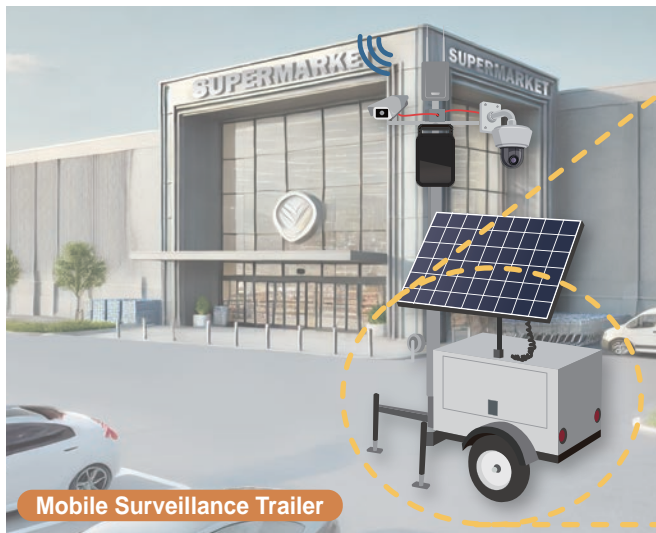
- Supports NTS
- Supports Perpetual PoE (Supported from FW v3.05.02+)
- 4-port Gigabit 90W bt/PoH PoE + 4-port Gigabit 30W at PoE + 4-port Gigabit SFP
- 6KV PoE surge protection
- -40°C ~ 75°C operating temperature
- 12~48V DC input power



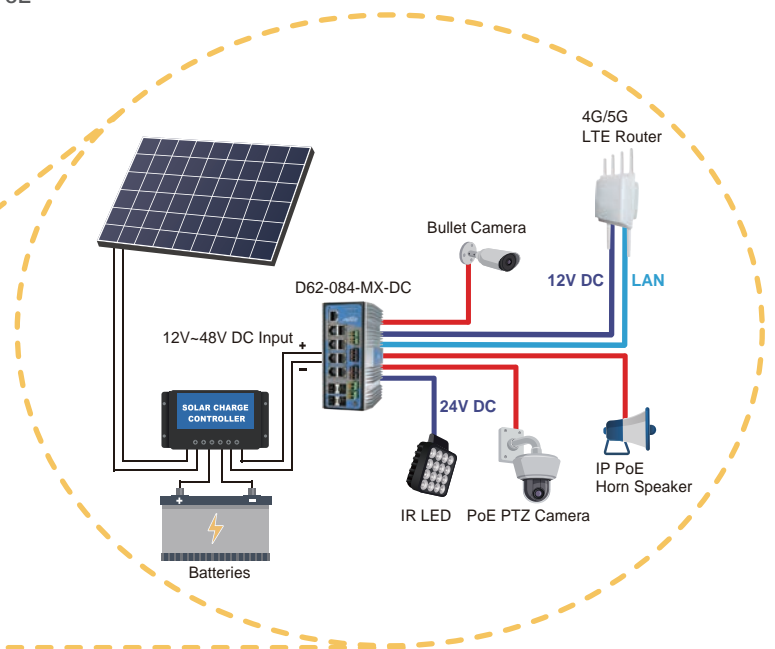
D62-084-MX-DCP

Features

- Supports NTS
- 4-port Gigabit 90W bt/PoH PoE + 2-port Gigabit 30W at PoE + 2-port Gigabit Adjustable 24V or 56V DC Passive PoE + 4-port Gigabit SFP
- 6KV PoE surge protection
- -40°C ~ 75°C operating temperature
- 12~48V DC input power



Mobile Surveillance Trailer



Outdoor Gigabit Ethernet PoE Switch & Related Products

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



H60-044-30-DC-V2

Features

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

Related Products

SFP Transceiver		Industrial SFP Transceiver		SFP+ Transceiver		Industrial SFP+ Transceiver	
SFP-SX-X5	1.25G Multi-Mode SFP, 850nm, 0.5KM, 0°C ~ 70°C	SFP-ISX-X5	1.25G Multi-Mode SFP, 850nm, 0.5KM, -40°C ~ 85°C	SFP-SR-X3	10G Multi-Mode SFP+LC, 850nm, 0.3KM, 0°C ~ 70°C	SFP-SR-X3	IND 10G SFP+, MMF, 850NM, 300M
SFP-SX-02	1.25G Multi-Mode SFP, LC, 1310nm, 2KM, 0°C ~ 70°C	SFP-ISX-02	1.25G Multi-Mode SFP, LC, 1310nm, 2KM, -40°C ~ 85°C	SFP-LR-10	10G Single-Mode SFP+LC, 1310nm, 10KM, 0°C ~ 70°C	SFP-LR-10	IND 10G SFP+, SMF, 1310NM, 10KM
SFP-LX-10	1.25G Single-Mode SFP, LC, 1310nm, 10KM, 0°C ~ 70°C	SFP-ILX-10	1.25G Single-Mode SFP, LC, 1310nm, 10KM, -40°C ~ 85°C	SFP-ER-40	10G Single-Mode SFP+LC, 1310nm, 40KM, 0°C ~ 70°C	SFP-ER-40	IND 10G SFP+, SMF, 1550NM, 40KM
SFP-LX-40	1.25G Single-Mode SFP, LC, 1310nm, 40KM, 0°C ~ 70°C	SFP-ILX-40	1.25G Single-Mode SFP, LC, 1310nm, 40KM, -40°C ~ 85°C	SFP-ZR-80	10G Single-Mode SFP+LC, 1310nm, 80KM, 0°C ~ 70°C		
SFP-LX-80	1.25G Single-Mode SFP, LC, 1310nm, 80KM, 0°C ~ 70°C	SFP-ILX-80	1.25G Single-Mode SFP, LC, 1310nm, 80KM, -40°C ~ 85°C	SFP-TX-X03	10G, SFP+ to RJ45, 30M, 0°C ~ 70°C		
SFP-TX-X1	1000BaseT, SFP to RJ45, 100M, 0°C ~ 70°C	SFP-ITX-X1	1000BaseT, SFP to RJ45, 100M, -40°C ~ 85°C				

BiDi SFP Transceiver		BiDi SFP+ Transceiver		Industrial BiDi SFP Transceiver	
SFP-ALX-02	1.25G SFP,MMF Bi-Di, TX:1310NM / RX:1550NM,2KM	SFP-ALR-02	10G SFP,MMF Bi-Di, TX:1270NM / RX:1330NM,2KM	SFP-IALX-02	IND 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-BLR-02	10G SFP,MMF Bi-Di, TX:1330NM / RX:1270NM,2KM	SFP-IBLX-02	IND 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-ALR-20	10G SFP,SMF Bi-Di, TX:1270NM / RX:1330NM,20KM	SFP-IALX-20	IND 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-BLR-20	10G SFP,SMF Bi-Di, TX:1330NM / RX:1270NM,20KM	SFP-IBLX-20	IND 1.25G SFP,SMF Bi-Di, TX:1550NM / RX:1310NM,20KM
SFP-ALX-40	1.25G SFP,SMF Bi-Di, TX:1310NM / RX:1550NM,40KM	SFP-ALR-40	10G SFP,SMF Bi-Di, TX:1270NM / RX:1330NM,40KM	SFP-IALX-40	IND 1.25G SFP,SMF Bi-Di, TX:1310NM / RX:1550NM,40KM
SFP-BLX-40	1.25G SFP,SMF Bi-Di, TX:1550NM / RX:1310NM,40KM	SFP-BLR-40	10G SFP,SMF Bi-Di, TX:1330NM / RX:1270NM,40KM	SFP-IBLX-40	IND 1.25G SFP,SMF Bi-Di, TX:1550NM / RX:1310NM,40KM

Pole Mount	
AT-100	Pole Mount Adapter
AT-101	Pole Mount Adapter
Corner Mount	
AT-200	Corner Mount Adapter
Junction Box	
JB-200	Junction Box

Industrial Power Supply	
MDR-10-12	Industrial Din-Rail Power Supply, 12V DC, 10W, -20°C ~ 70°C
MDR-40-48	Industrial Din-Rail Power Supply, 48V DC, 40W, -20°C ~ 70°C
DRL-48V120W1EN	Industrial Din-Rail Power Supply, 48V DC, 120W, -30°C ~ 70°C
DRL-48V240W1EN	Industrial Din-Rail Power Supply, 48V DC, 240W, -30°C ~ 70°C
DRL-48V480W1EN	Industrial Din-Rail Power Supply, 48V DC, 480W, -30°C ~ 70°C

Fiber Splice Tray	
AT-302	Supported Models: H60-022 Series, H40-022 Series
AT-303-V2	Supported Models: H40-044 Series, H40-082 Series, H60-044 Series, H60-084 Series
Side opening alarm switch kit	
BK-402	Supported Models: H60-044 Series, H60-084 Series
BK-404	Supported Models: H60-022 Series

Adapter for Axis / Hanwha Mount Bracket	
AT-401	Adapter for Axis Mount Bracket
AT-402	Adapter for Hanwha Mount Bracket

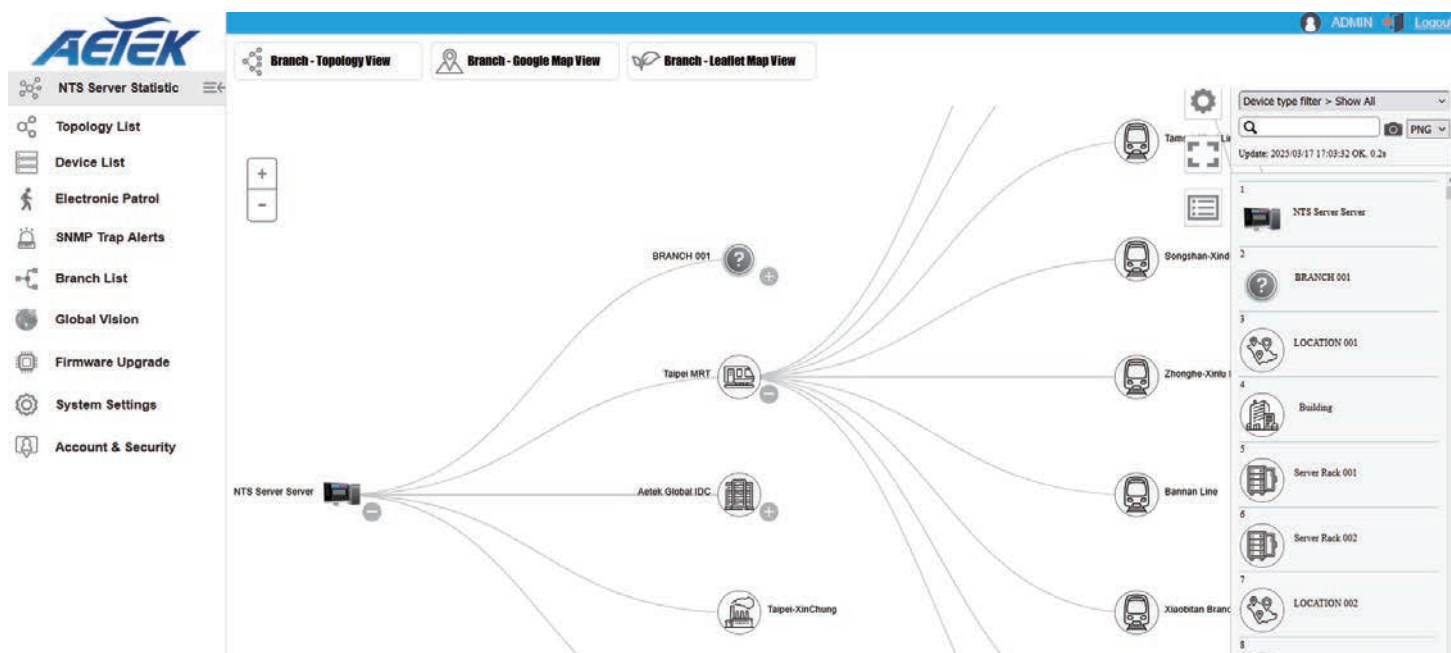
AETEK NTS (Network Topology System) Server is a centralized management platform designed to enhance the efficiency and security of IP-based networks. Running on a PC, it enables seamless monitoring and control of AETEK L2 PRO PoE switches, and other SNMP- or ONVIF-compliant network devices. By providing real-time visibility, automated network topology mapping, and proactive monitoring, NTS Server simplifies network configuration, operation, and troubleshooting, reducing operational complexity and downtime.

With AETEK NTS Server, operators gain centralized network control, improved security, and streamlined management for optimal network performance.

Features and Benefits

Network Topology View – Global Vision Across Multiple Branches

- Automatically generates a graphical topology of deployed network devices, streamlining setup and configuration.
- Provides a customizable branch list with multiple visualization options, including Topology View, Leaflet Map View, and Google Map View, for a comprehensive network structure overview.



Batch Firmware Upgrade for Multiple Devices – Simplified & Efficient Management

- Allow operators to check for and apply the latest firmware updates with ease.
- Supports batch firmware upgrades across multiple AETEK devices in a single operation, ensuring consistency and reducing update-related risks.



Event-Triggered Alerts – Real-Time SNMP Trap Notifications

- Sends instant SNMP Trap Alerts for abnormal network behavior, enabling quick responses to potential issues.
- Provides detailed event records to help operators locate affected devices efficiently, improving troubleshooting speed.



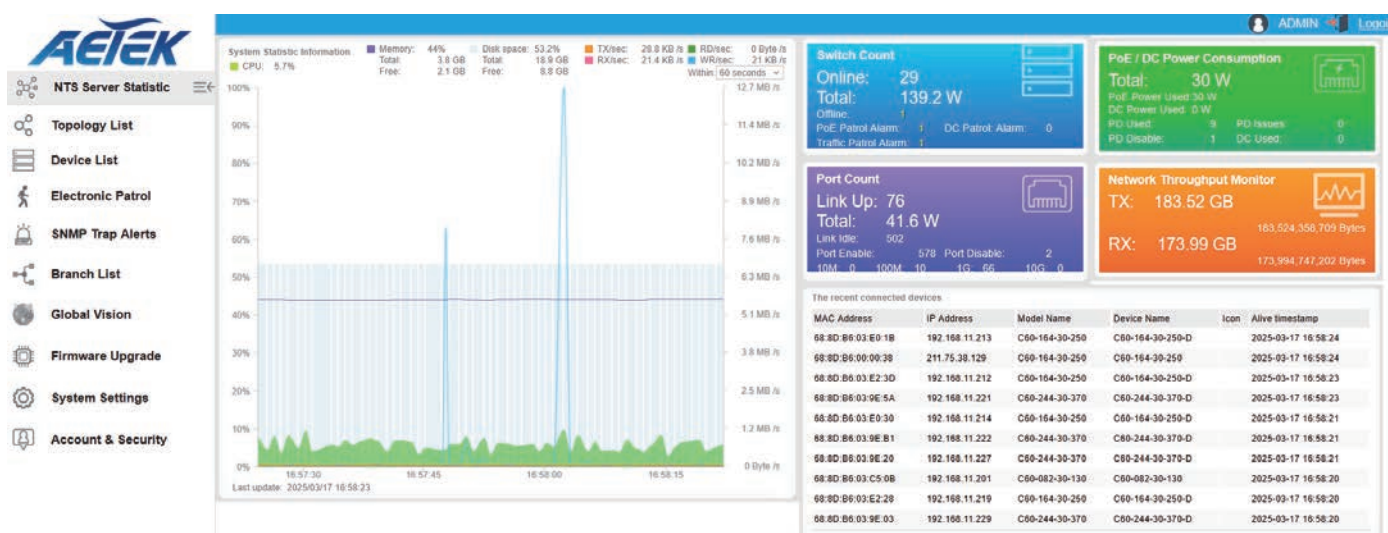
Electrical Patrol – Proactive Network Health Monitoring

- Monitors PoE ports, DC output ports, and network throughput to detect abnormal power consumption patterns or traffic flows.
- Prevents network failures by proactively identifying and restricting potential issues, ensuring long-term network stability.



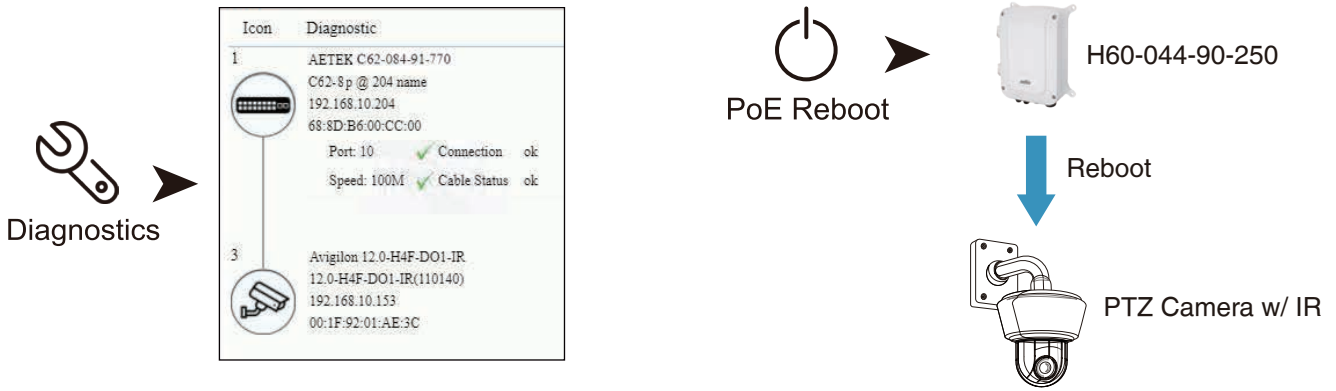
At-A-Glance Chart and Network Summary – Effortless Data Analysis

Provides visually engaging dashboard, at-a-glance charts and network summaries with key data in a clear and easy-to-understand format, enabling instant network status overview and quick information analysis.

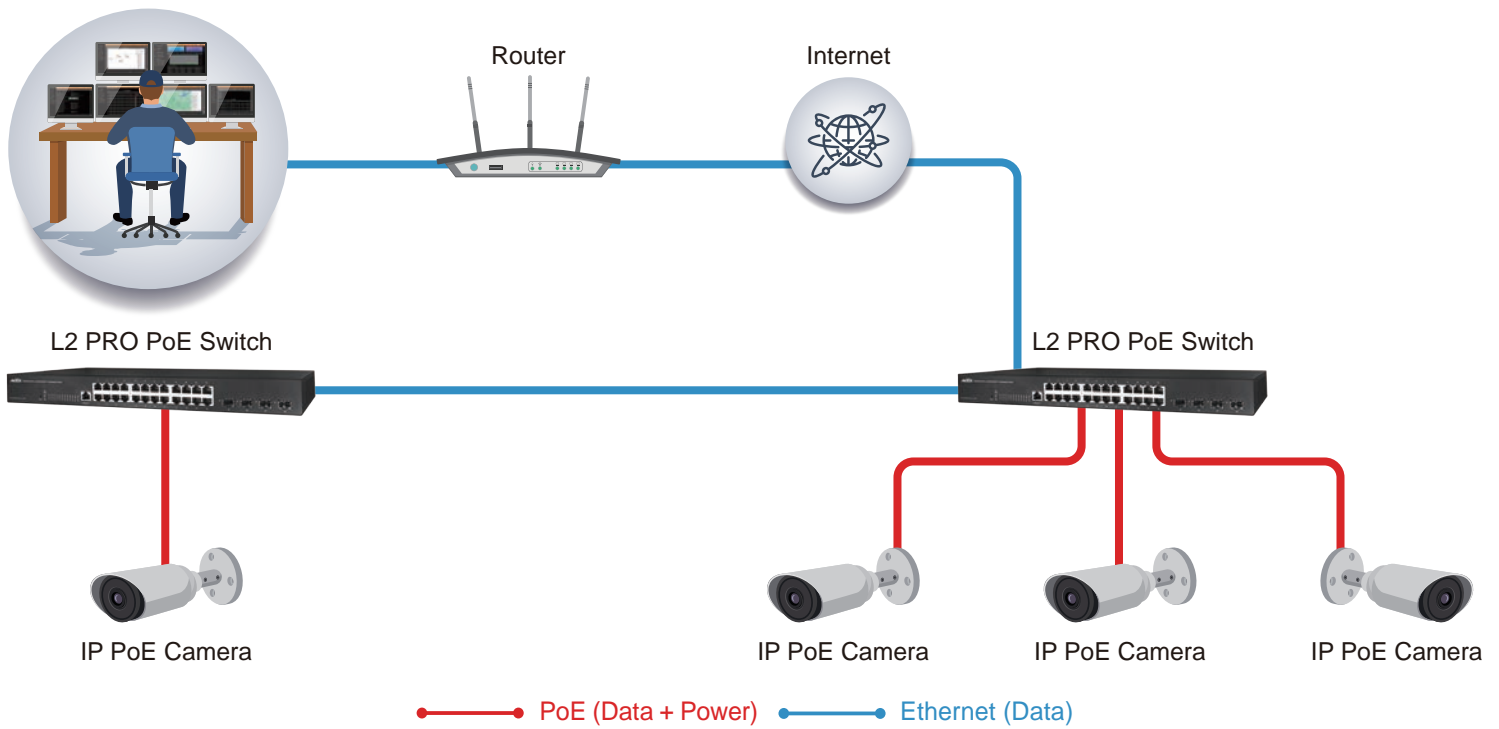


Effective Diagnostics & Remote Troubleshooting

- A user-friendly web-based dashboard with PoE configuration, PoE reboot, and Cable Diagnostics tools, simplifying complex troubleshooting tasks, minimizing downtime and reducing the need for on-site maintenance.

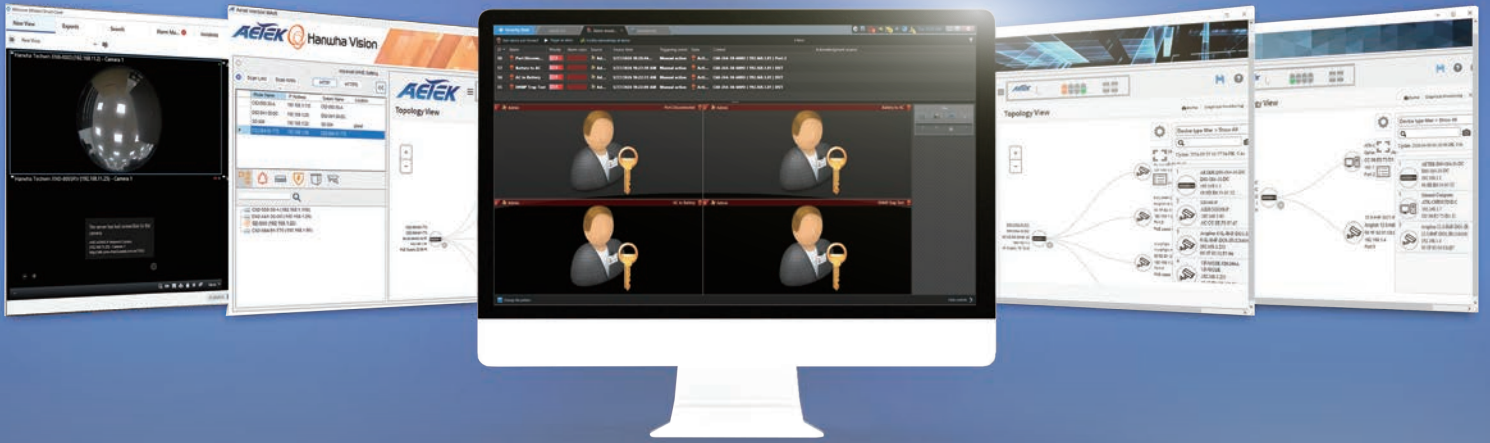


Application



AETEK NTS (Network Topology System) Integrated with leading VMS

Certified. Connected. Compatible.



Genetec™



AVIGILON | TECHNOLOGY
INTEGRATIONS | PARTNER



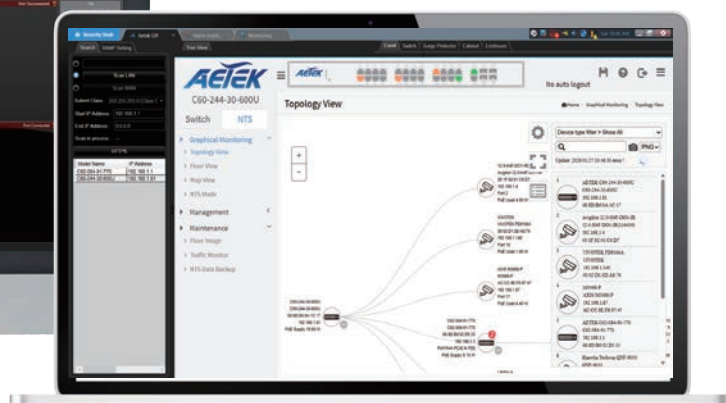
- Genetec Security Center • Milestone XProtect • Avigilon Unity Video (formerly ACC)
- Wisenet WAVE • Nx Witness

Genetec™ | AETEK

Certified AETEK Plugin Integration with Genetec Security Center



Genetec™
Security Center.



Genetec™
Certified Partner
and Integration

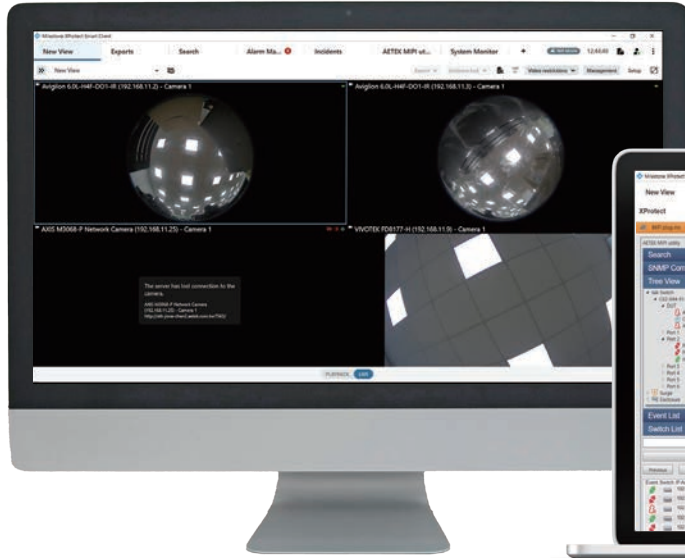




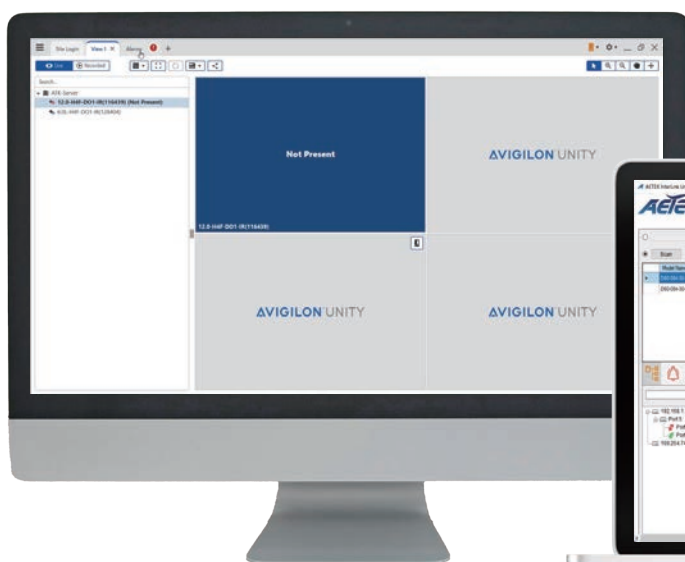
X



Integrate AETEK PoE Solutions with Milestone XProtect



AETEK Integration with Avigilon Unity Video (formerly ACC) — InterLink Unity— Smart Network Management and Real-Time Alarm Monitoring for Security Systems



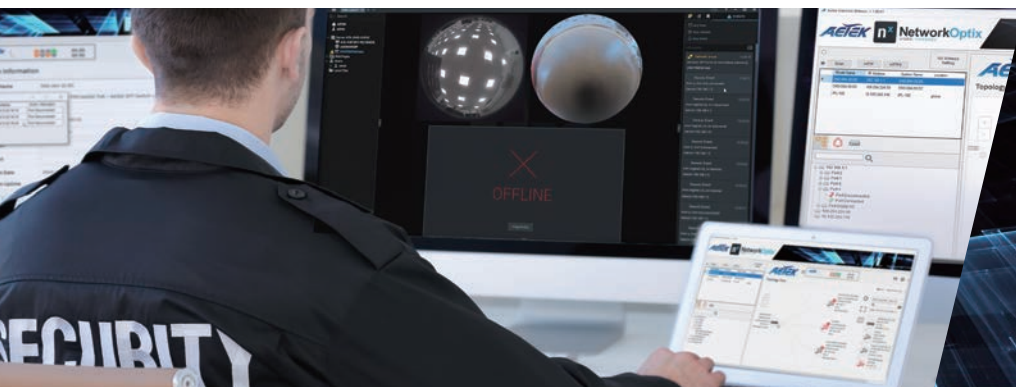
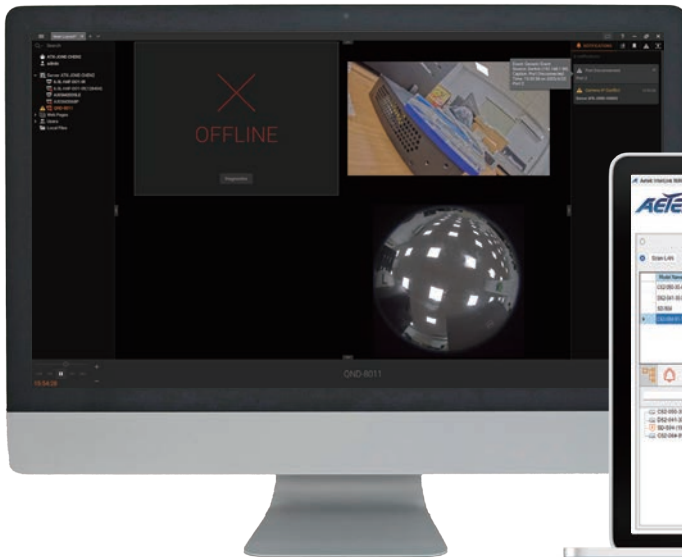


AETEK
LEADING PoE SOLUTIONS
FOR IP SURVEILLANCE

AETEK NTS – Smarter Network & Alarm Management for Wisenet WAVE VMS



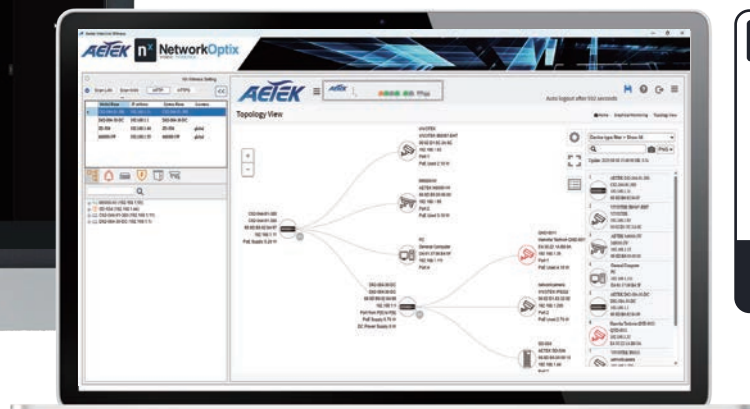
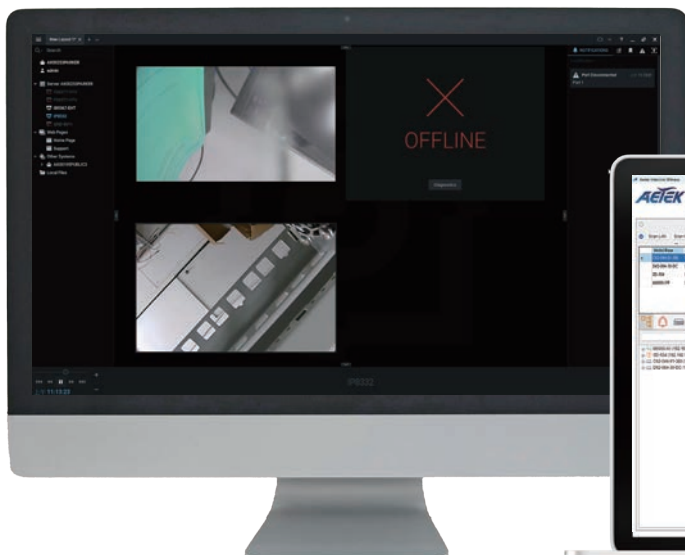
Supported on *Microsoft Windows & Ubuntu Linux* Operating Systems



AETEK
LEADING PoE SOLUTIONS
FOR IP SURVEILLANCE



AETEK NTS – Smarter Network & Alarm Management for Nx Witness VMS



Nx Tech Partner

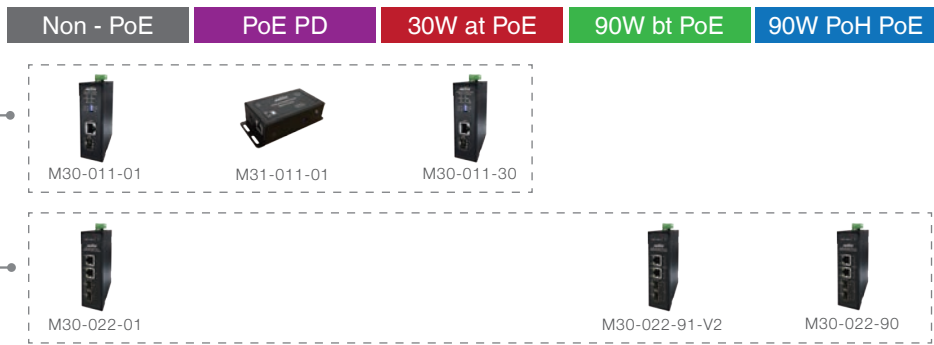


PoE Media Converter Product Guide

Media Converter
PoE Media Converter
PoE PD Media Converter



Industrial Gigabit PoE Media Converter



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 Pass Through)
- 6KV surge protection
- -40°C ~ 75°C operating temperature
- 12~56V DC or 24V AC Input Power



M30-022-01

Features

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

M30 Series - Industrial Gigabit PoE Media Converter



M30-011-30

Features

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



M30-022-90

Features

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



M30-022-91-V2

Features

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

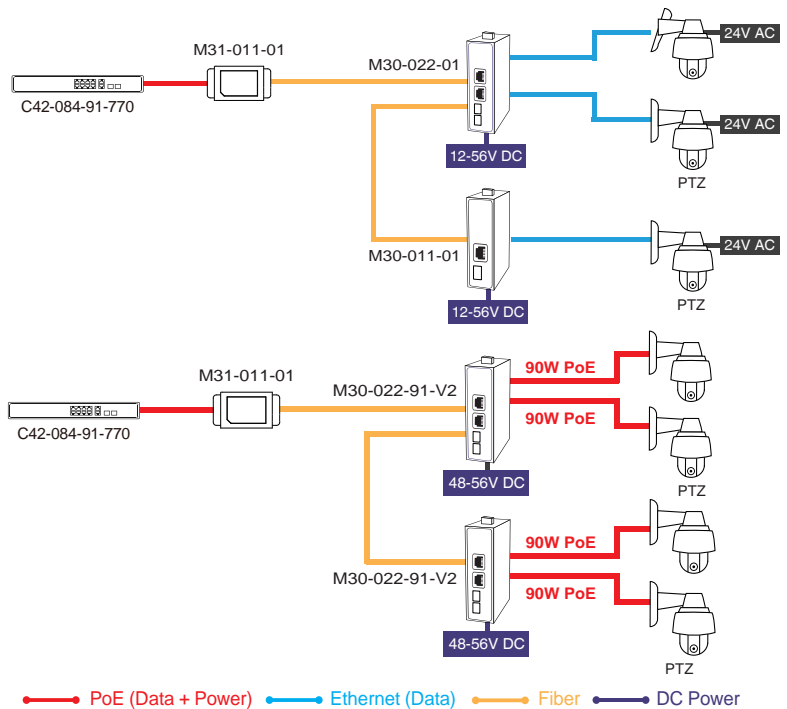
M31 Series - Industrial Gigabit PoE PD Media Converter



M31-011-01

Features

- 1-port Gigabit 30W at PoE PD + 1-port Gigabit SFP
- Support LFP(Link Fault Pass Through)
- -40°C ~ 75°C operating temperature
- 30W at PoE or 12V DC Input Power



Related Products

SFP Transceiver	Industrial SFP Transceiver	SFP+ Transceiver	BiDi SFP Transceiver
SFP-SX-X5 1.25G Multi-Mode SFP 850nm, 0.5KM, 0°C ~ 70°C	SFP-ISX-X5 1.25G Multi-Mode SFP 850nm, 0.5KM, -40°C ~ 85°C	SFP-SR-X3 10G Multi-Mode SFP+LC 850nm, 0.3KM, 0°C ~ 70°C	SFP-ALX-02 1.25G SFP,MMF Bi-Di, TX:1310NM / RX:1550NM,2KM
SFP-SX-02 1.25G Multi-Mode SFP, LC 1310nm, 2KM, 0°C ~ 70°C	SFP-ISX-02 1.25G Multi-Mode SFP, LC 1310nm, 2KM, -40°C ~ 70°C	SFP-LR-10 10G Single-Mode SFP+LC 1310nm, 10KM, 0°C ~ 70°C	SFP-BLX-02 1.25G SFP,MMF Bi-Di, TX:1550NM / RX:1310NM,2KM
SFP-LX-10 1.25G Single-Mode SFP, LC 1310nm, 10KM, 0°C ~ 70°C	SFP-ILX-10 1.25G Single-Mode SFP, LC 1310nm, 10KM, -40°C ~ 85°C	SFP-ER-40 10G Single-Mode SFP+LC 1310nm, 40KM, 0°C ~ 70°C	SFP-ALX-20 1.25G SFP,SMF Bi-Di, TX:1310NM / RX:1550NM,20KM
SFP-LX-40 1.25G Single-Mode SFP, LC 1310nm, 40KM, 0°C ~ 70°C	SFP-ILX-40 1.25G Single-Mode SFP, LC 1310nm, 40KM, -40°C ~ 85°C	SFP-ZR-80 10G Single-Mode SFP+LC 1310nm, 80KM, 0°C ~ 70°C	SFP-BLX-20 1.25G SFP,SMF Bi-Di, TX:1550NM / RX:1310NM,20KM
SFP-LX-80 1.25G Single-Mode SFP, LC 1310nm, 80KM, 0°C ~ 70°C	SFP-ILX-80 1.25G Single-Mode SFP, LC 1310nm, 80KM, -40°C ~ 85°C	SFP-TX-X03 10G, SFP+ to RJ45, 30M 0°C ~ 70°C	SFP-ALX-40 1.25G SFP,SMF Bi-Di, TX:1310NM / RX:1550NM,40KM
SFP-TX-X1 1000BaseT, SFP to RJ45 100M, 0°C ~ 70°C	SFP-ITX-X1 1000BaseT, SFP to RJ45 100M, -40°C ~ 85°C		SFP-BLX-40 1.25G SFP,SMF Bi-Di, TX:1550NM / RX:1310NM,40KM

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
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

Industrial Power Supply	
MDR-10-12	Industrial Din-Rail Power Supply, 12V DC, 10W, -20°C ~ 70°C
MDR-40-48	Industrial Din-Rail Power Supply, 48V DC, 40W, -20°C ~ 70°C
DRL-48V120W1EN	Industrial Din-Rail Power Supply, 48V DC, 120W, -30°C ~ 70°C
DRL-48V240W1EN	Industrial Din-Rail Power Supply, 48V DC, 240W, -30°C ~ 70°C
DRL-48V480W1EN	Industrial Din-Rail Power Supply, 48V DC, 480W, -30°C ~ 70°C

Accessories
<p>CH-110-V2</p> <ul style="list-style-type: none"> • 19", 1U 8-bay rack mount chassis • For M31-011-01 use



Gigabit PoE Injector / Splitter

Indoor Gigabit 60W/90W PoE Injector

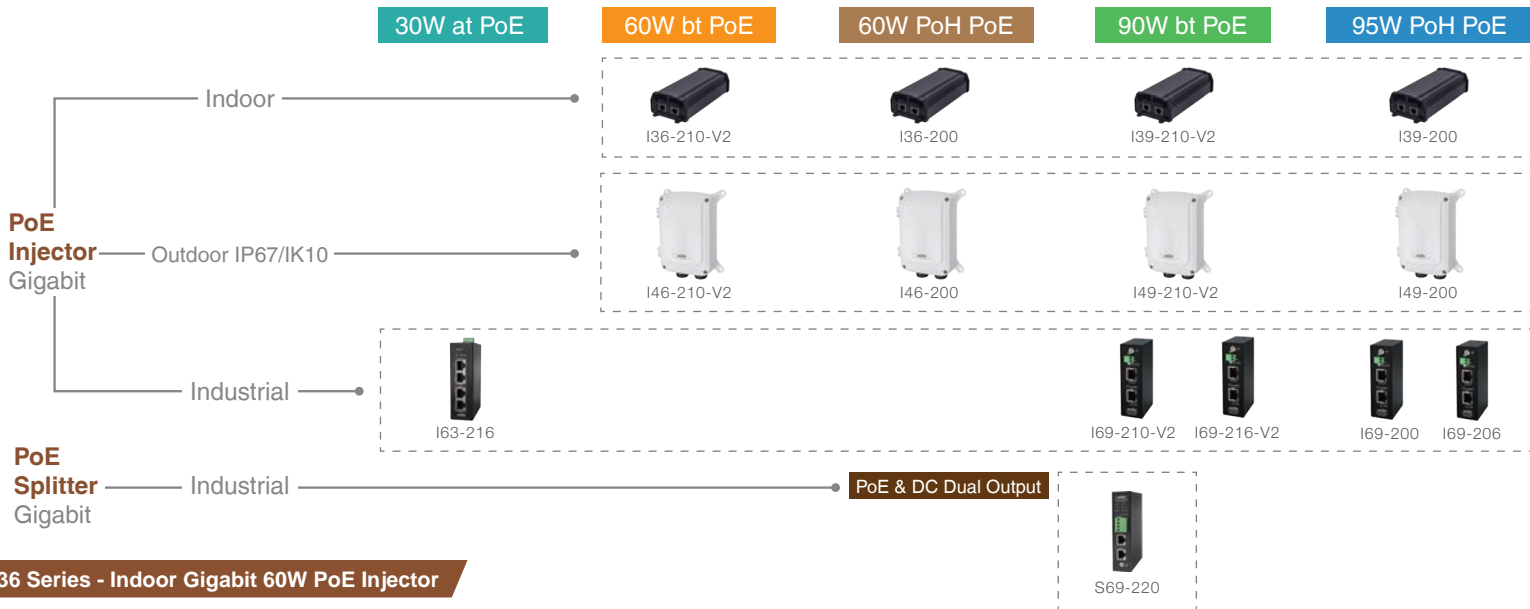
Outdoor IP67/IK10 Gigabit 60W/90W PoE Injector

Industrial Gigabit 90W PoE Injector

Industrial Gigabit 90W PoE Splitter



Gigabit PoE Injector



I36 Series - Indoor Gigabit 60W PoE Injector



I36-200

Features

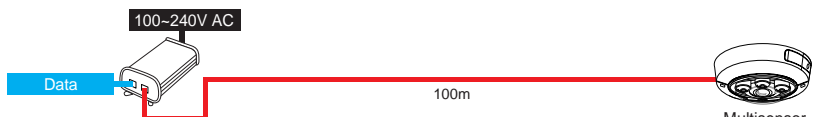
- 60W PoH PoE output
- 6KV PoE surge protection
- Supports 10/100/1000Mbps data rates
- 100~240V AC input power



I36-210-V2

Features

- 60W bt PoE output
- 6KV PoE surge protection
- Supports 10/100/1000Mbps data rates
- 100~240V AC input power



I39 Series - Indoor Gigabit 90W PoE Injector



I39-200

Features

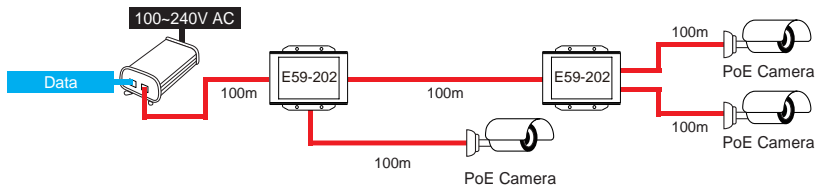
- 95W PoH PoE output
- 6KV PoE surge protection
- Supports 10/100/1000Mbps data rates
- 100~240V AC input power



I39-210-V2

Features

- 90W bt PoE output
- 6KV PoE surge protection
- Supports 10/100/1000Mbps data rates
- 100~240V AC input power



I46 Series - IP67/IK10 Gigabit 60W PoE Injector



I46-200

Features

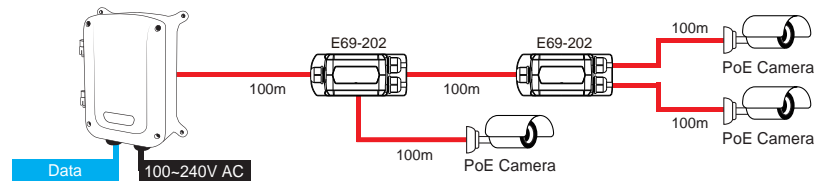
- IP67, IK10, -40°C~65°C
- 60W PoH PoE output
- 6KV PoE surge protection
- Supports 10/100/1000Mbps data rates
- 100~240V AC input power



I46-210-V2

Features

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



I49 Series - IP67/IK10 Gigabit 90W PoE Injector



I49-200

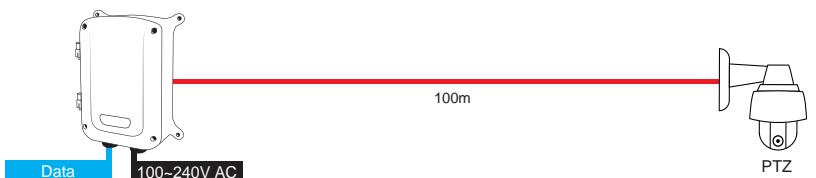
Features

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



Features

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



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

Gigabit PoE Injector / Splitter

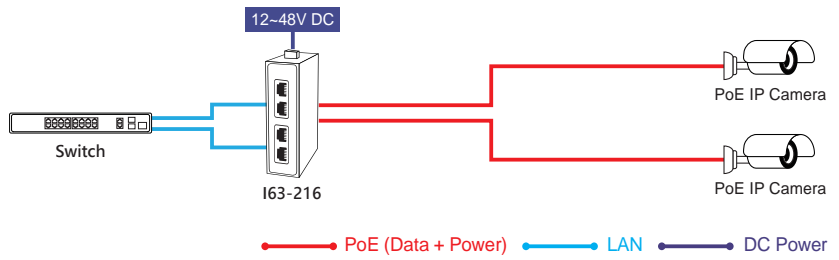
I63 Series – Industrial Gigabit 30W PoE Injector



I63-216

Features

- -40°C ~ 75°C operating temperature
- **2-port 30W at PoE** output
- 6KV PoE surge protection
- Supports 10/100/1000Mbps data rates
- 12~48V DC input power



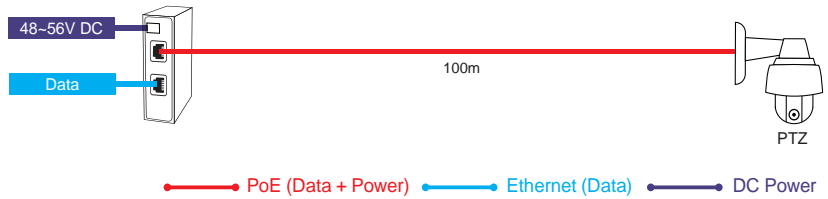
I69 Series - Industrial Gigabit 90W PoE Injector



I69-200

Features

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



I69-210-V2

Features

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

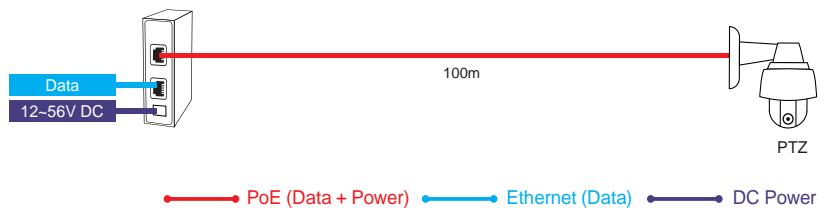
I69 Series - Industrial Gigabit 90W PoE Injector w/ 12~56VDC Input



I69-206

Features

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



I69-216-V2

Features

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

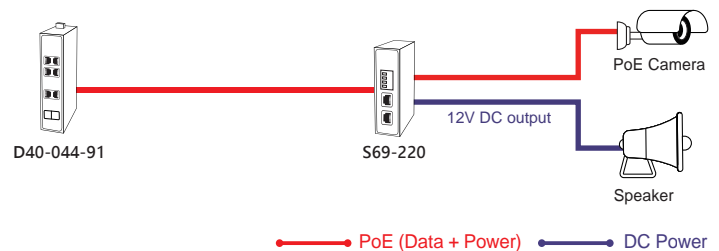
Industrial Gigabit 90W PoE Splitter w/ 802.3 bt PoE input



S69-220

Features

- -40°C ~ 75°C operating temperature
- **Dual power** output
 - 30W at, 60W/90W bt PoE output
 - 5V/9V/12V/24V DC output
- 6KV PoE surge protection
- Supports 10/100/1000Mbps data rates
- 48~56V DC or 30W/60W/90W PoE input



Related Products

Pole Mount		Corner Mount	Junction Box	Industrial Power Supply
AT-100 Pole Mount Adapter	AT-101 Pole Mount Adapter	AT-200 Corner Mount Adapter	JB-200 Junction Box	DRL-48V120W1EN Indoor Industrial Din-Rail Power Supply 48V, 120W



Gigabit PoE Extender

Indoor Gigabit 90W PoE Extender

Outdoor IP67/IK10 Gigabit 90W PoE Extender

Indoor 802.3bt PoE++ to 802.3af/at/bt PoE++ Extender

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

Indoor Gigabit 90W PoE Extender Plus

Outdoor IP67/IK10 Gigabit 90W PoE Extender Plus

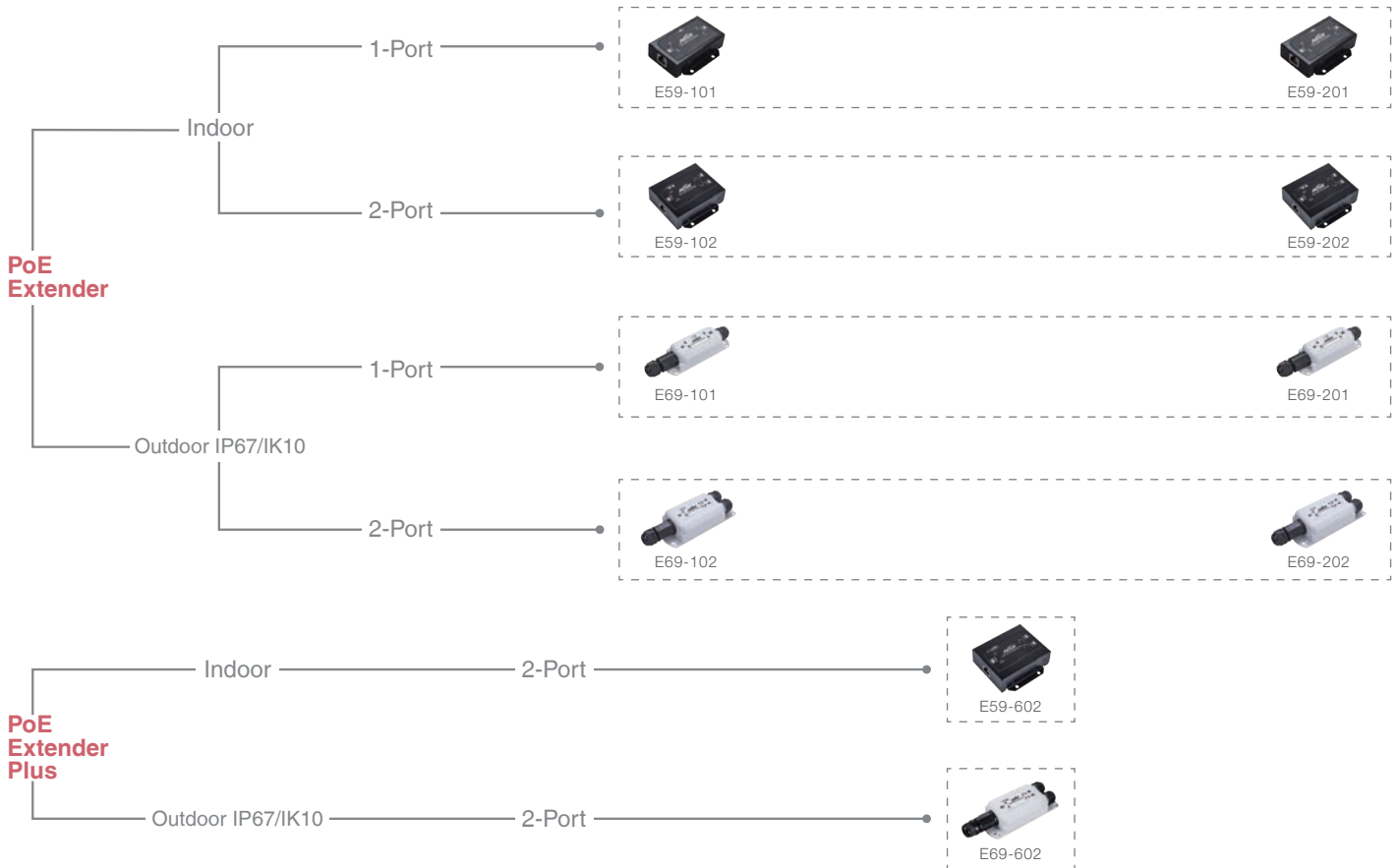


Gigabit PoE Extender

af PoE output

af PoE output w/ Voltage Booster

af / at / bt PoE output



E59 Series - Indoor Gigabit 90W PoE Extender



E59-101

Features

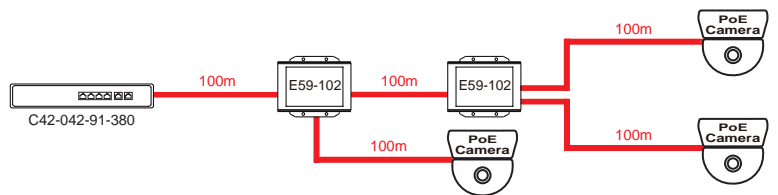
- 1-port Gigabit 30W/60W/90W bt PoE++ input + 1-port Gigabit Passive PoE output (Compliant 802.3af)
- 6KV Surge protection
- Drives the reach beyond restricted 100m Ethernet distance



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



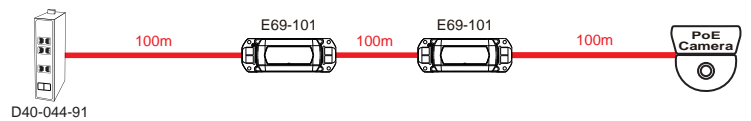
E69 Series - Outdoor IP67/IK10 Gigabit 90W PoE Extender



E69-101

Features

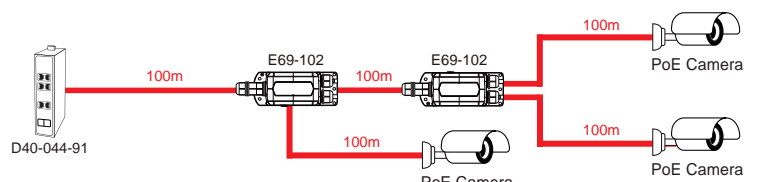
- IP67, IK10, -40°C ~ 65°C
- 1-port Gigabit 30W/60W/90W bt PoE++ input + 1-port Gigabit Passive PoE output (Compliant 802.3af)
- 6KV Surge protection
- Drives the reach beyond restricted 100m Ethernet distance



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
- Drives the reach beyond restricted 100m Ethernet distance



— PoE (Data + Power)

Gigabit PoE Extender

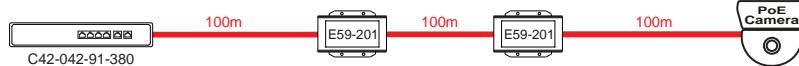
E59 Series - Indoor 802.3bt PoE++ to 802.3af/at/bt PoE++ Extender



E59-201

Features

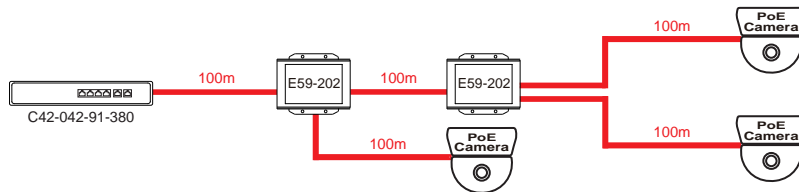
- 1-port Gigabit 30W/60W/90W PoE input + 1-port Gigabit 802.3af/at/bt PoE++ output
- IEEE 802.3af/at/bt compliant
- 6KV Surge protection
- Drives the reach beyond restricted 100m Ethernet distance



E59-202

Features

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



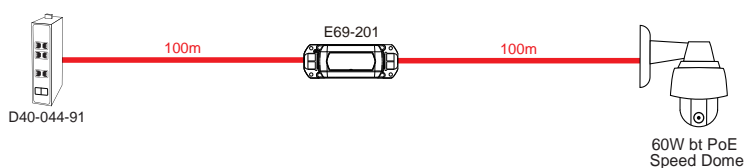
E69 Series - Outdoor IP67/IK10 IEEE 802.3bt PoE++ to IEEE 802.3af/at/bt PoE++ Extender



E69-201

Features

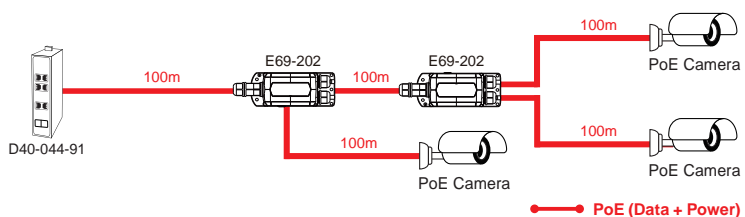
- IP67, IK10, -40°C~65°C
- 1-port Gigabit 30W/60W/90W bt PoE++ input + 1-port Gigabit 802.3af/at/bt PoE++ output
- IEEE 802.3af/at/bt compliant
- 6KV Surge protection
- Drives the reach beyond restricted 100m Ethernet distance



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
- Drives the reach beyond restricted 100m Ethernet distance



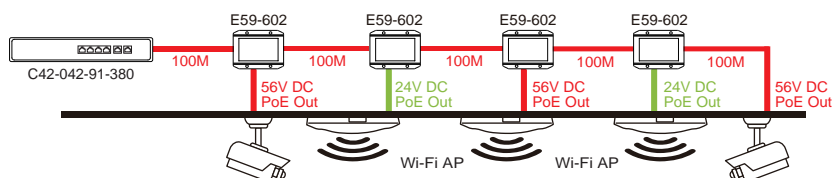
E59 Series - Indoor Gigabit 90W PoE Extender Plus



E59-602

Features

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



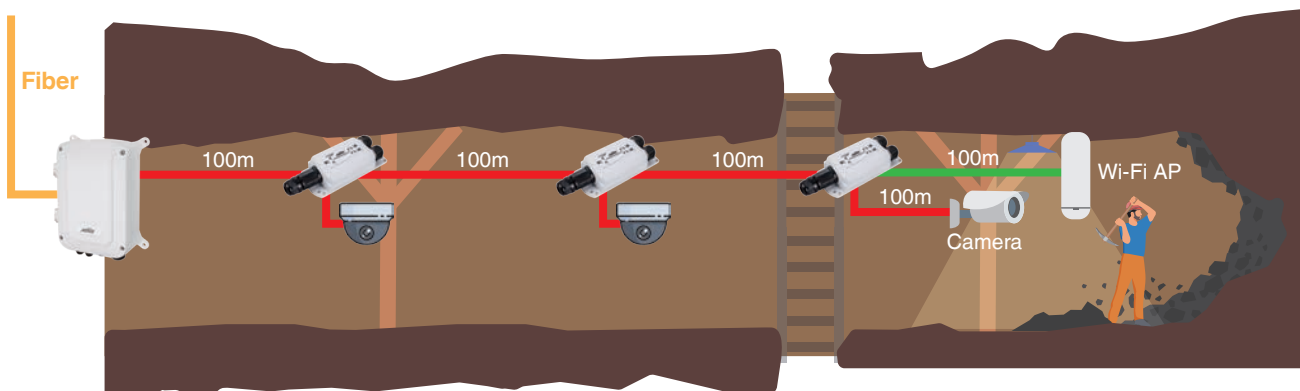
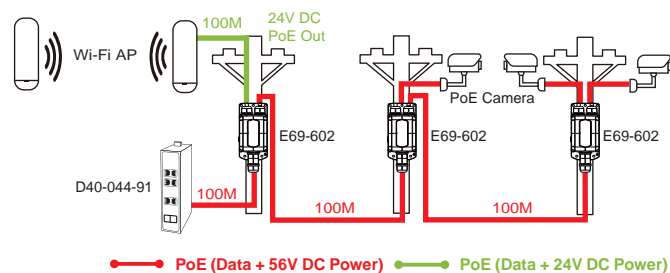
E69 Series - Outdoor IP67/IK10 Gigabit 90W PoE Extender Plus



E69-602

Features

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



—●— Fiber —●— PoE (Data + Power) —●— 24V DC PoE (Data + Power)



Gigabit PoE Surge Protector

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

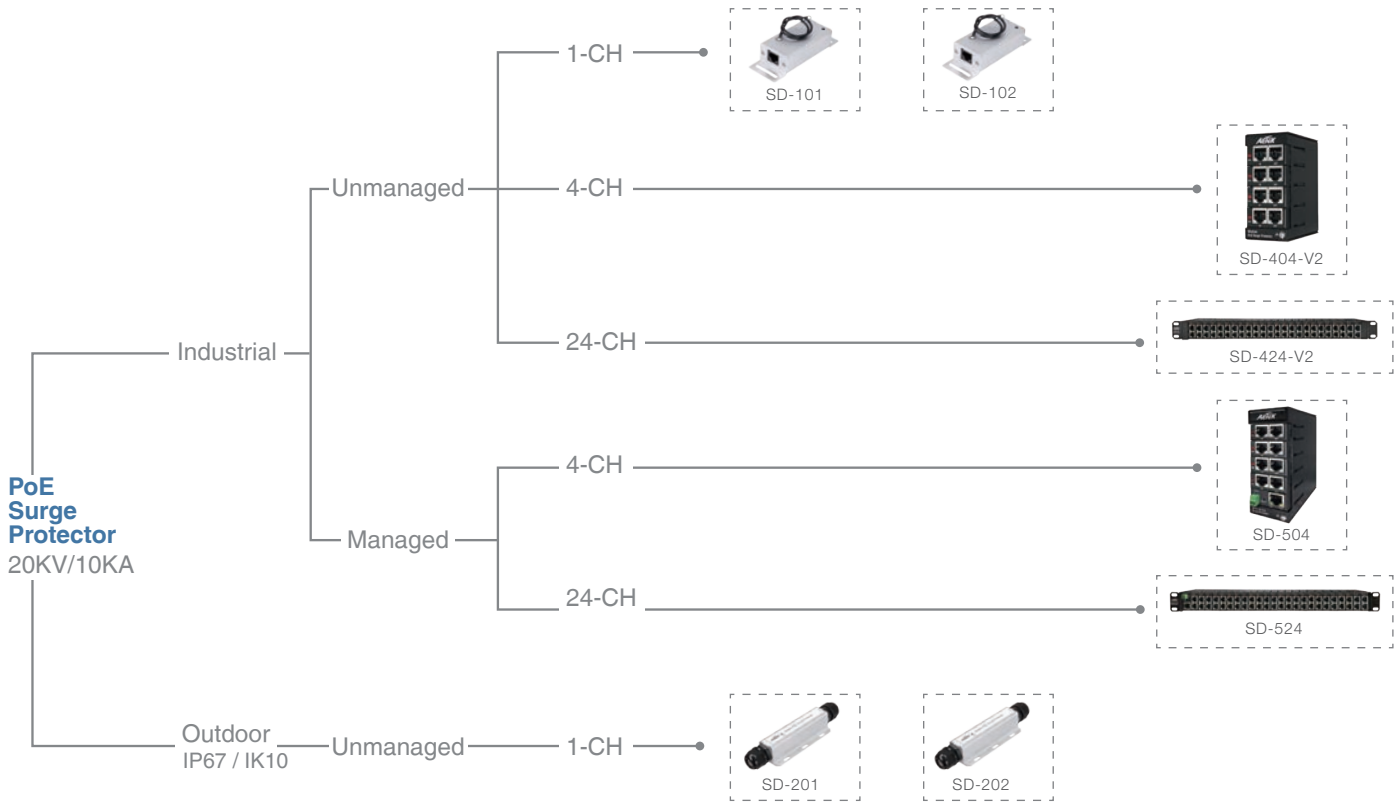
4-CH/24-CH Gigabit 802.3 bt/at/af PoE Surge Protectors

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 - Gigabit 90W PoE Surge Protector



SD-101

Features

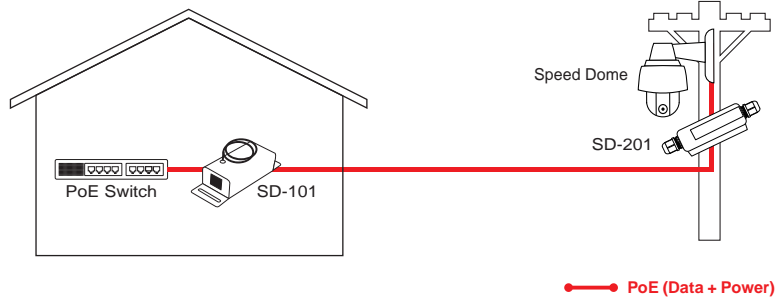
- Supports 10M/100M/1G/2.5G bps Ethernet
- Supports 802.3af / 802.3at / 802.3bt
- Protects up to 20KV / 10KA surge
- Failure LED indicator
- Operating temperature between -40°C to 85 °C



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



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



SD-201

Features

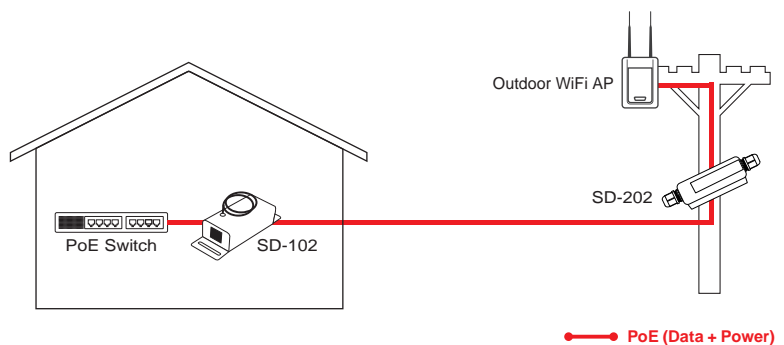
- IP67, IK10, -40°C ~ 85°C
- Supports 10M/100M/1G/2.5G bps Ethernet
- Supports 802.3af / 802.3at / 802.3bt
- Protects up to 20KV / 10KA surge
- Failure LED indicator



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



Gigabit PoE Surge Protector

SD Series - Modular Gigabit 90W PoE Surge Protector



SD-404-V2

Features

- 4-CH PoE Surge Protectors
- Din-rail installation, Slide-in modular design
- Hot 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
- Hot swap when Lifetime of single PoE surge module is expired
- Supports 10M/100M/1G/2.5G/10G 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-V2

SD Series - IP Managed Modular Gigabit 90W PoE Surge Protector



SD-504

Features

- Web UI Setup & lifetime detection
- Alarm log event
- 4-CH PoE Surge Protectors
- Hot 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
- Hot swap when life time of single PoE surge module is expired
- Supports 10M/100M/1G/2.5G/10G 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

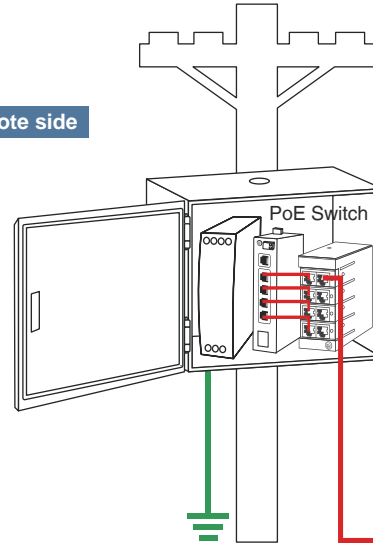
Module Status

Surge protector module status

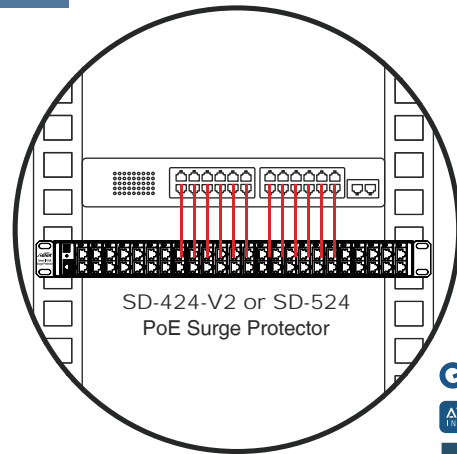
Channel	Surge Module Life Time	Surge Count	Module Status
1-CH	100%	60	Alarm
2-CH	100%	100	FAIL
3-CH	100%	10	NORMAL
4-CH	100%	0	NORMAL

Surge Settings

Channel	Module Life Time	Surge Counter	Reset Counter	Status	Alarm Log Trigger	Location
1	100%	0	Reset / Accumulate	NORMAL (5%)	SURGE0	
2	100%	0	Reset / Accumulate	NORMAL (5%)	SURGE1	
3	100%	0	Reset / Accumulate	NORMAL (5%)	SURGE2	
4	100%	0	Reset / Accumulate	NORMAL (5%)	SURGE3	
5	100%	0	Reset / Accumulate	NORMAL (5%)	SURGE4	
6	100%	0	Reset / Accumulate	NORMAL (5%)	SURGE5	
7	100%	0	Reset / Accumulate	NORMAL (5%)	SURGE6	
8	100%	0	Reset / Accumulate	NORMAL (5%)	SURGE7	
9	100%	0	Reset / Accumulate	NORMAL (5%)	SURGE8	
10	100%	0	Reset / Accumulate	NORMAL (5%)	SURGE9	
11	100%	0	Reset / Accumulate	NORMAL (5%)	SURGE0	
12	100%	0	Reset / Accumulate	NORMAL (5%)	SURGE1	
13	100%	0	Reset / Accumulate	NORMAL (5%)	SURGE2	
14	100%	0	Reset / Accumulate	NORMAL (5%)	SURGE3	
15	100%	0	Reset / Accumulate	NORMAL (5%)	SURGE4	
16	100%	0	Reset / Accumulate	NORMAL (5%)	SURGE5	
17	100%	0	Reset / Accumulate	NORMAL (5%)	SURGE6	
18	100%	0	Reset / Accumulate	NORMAL (5%)	SURGE7	
19	100%	0	Reset / Accumulate	NORMAL (5%)	SURGE8	
20	100%	0	Reset / Accumulate	NORMAL (5%)	SURGE9	
21	100%	0	Reset / Accumulate	NORMAL (5%)	SURGE0	
22	100%	0	Reset / Accumulate	NORMAL (5%)	SURGE1	
23	100%	0	Reset / Accumulate	NORMAL (5%)	SURGE2	
24	100%	0	Reset / Accumulate	NORMAL (5%)	SURGE3	



Center Side



Related Product



CH-110-V2

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



SD-401-M-V2

- 1-CH PoE Surge Protector Modular
- 10/100/1000M/2.5Gbps, 20KV Surge Protector



SD-501-M

- 1-CH PoE Surge Protector Modular
- 10/100/1000M/2.5Gbps, 20KV Surge Protector



Outdoor Surveillance System Product Guide

Backup PoE Cabinet
IP Backup PoE Cabinet

Outdoor Backup PoE Cabinet

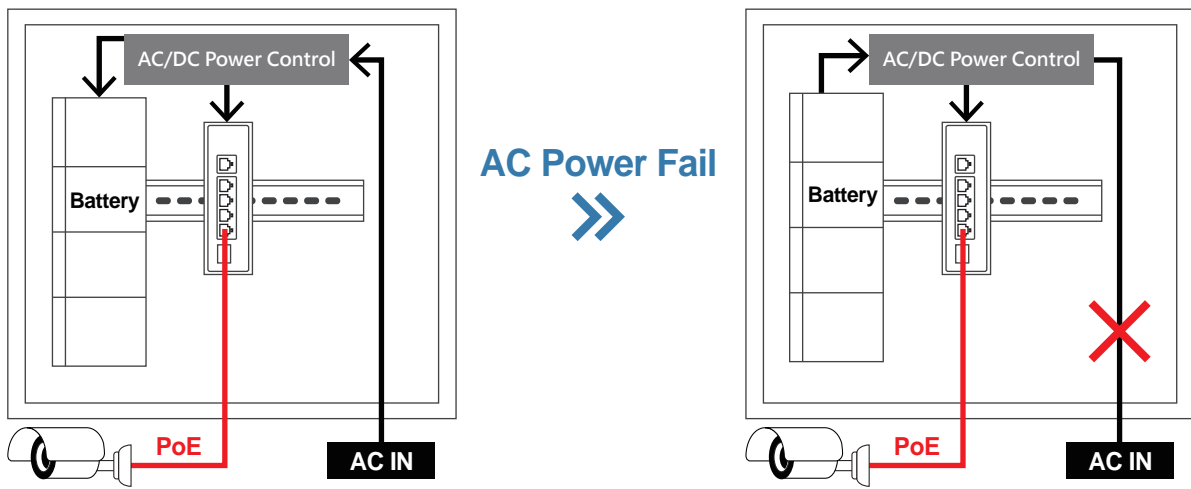
Backup PoE Cabinet - OS-110-360

Features

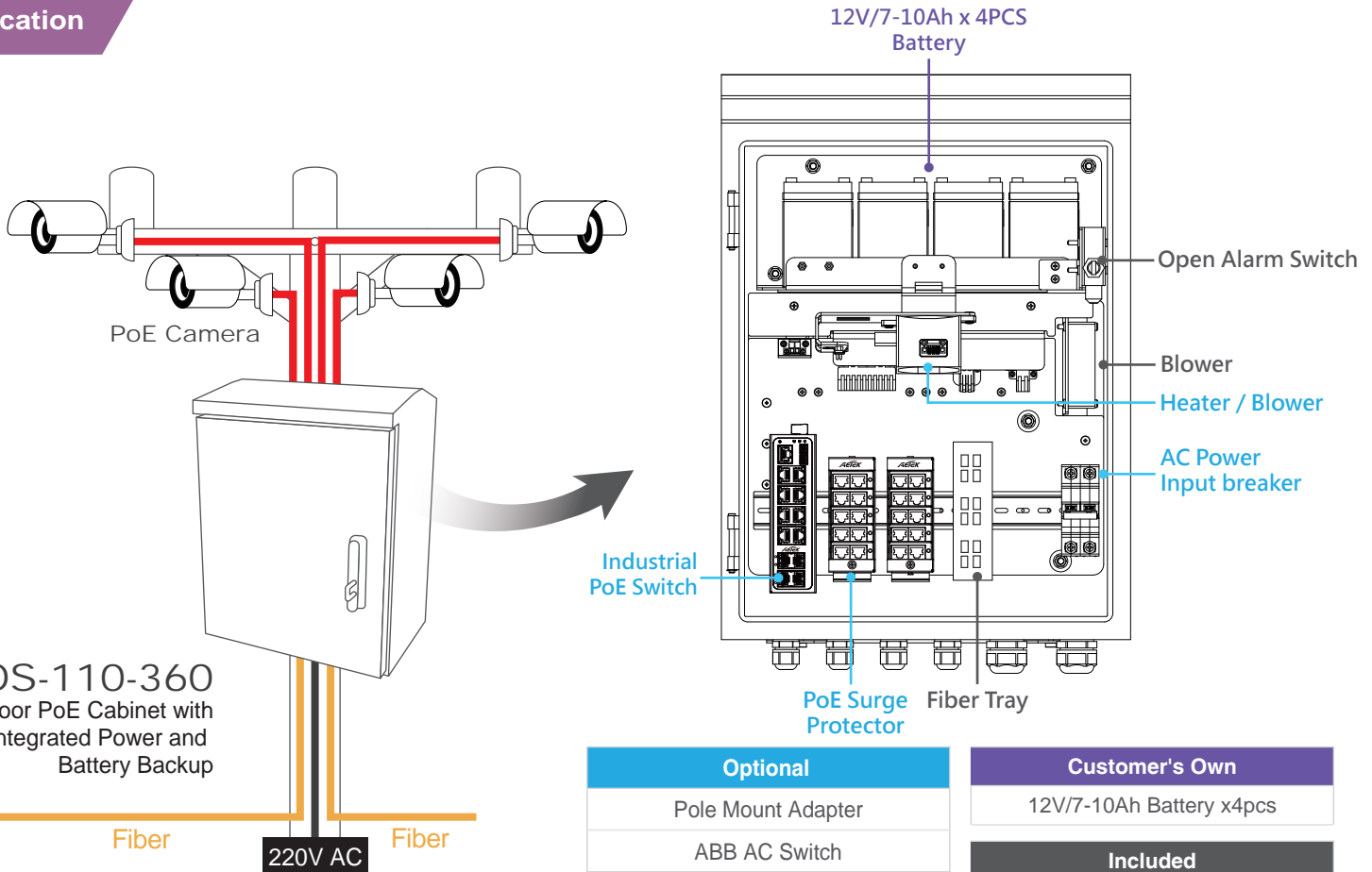
- Space for din-rail PoE switch, PoE surge protector & 12V/7A 4 sealed lead acid batteries.
- Automatic control heater and blower.
- Built-in 360W power supply with battery charger.

Redundant Battery Backup Power System

OS-110-360 has a 360W power supply that supports the battery charger function, providing PoE backup system for IP PoE device.



Application



OS-110-360
Outdoor PoE Cabinet with
Integrated Power and
Battery Backup

Fiber 220V AC Fiber

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

Optional	Customer's Own
Pole Mount Adapter	12V/7-10Ah Battery x4pcs
ABB AC Switch	
Heater / Blower Module	Included
Industrial PoE Switch	Open Alarm Switch
PoE Surge Protector	Blower
	Fiber Tray

Outdoor IP Backup PoE Cabinet

IP Backup PoE Cabinet - OS-210 Series

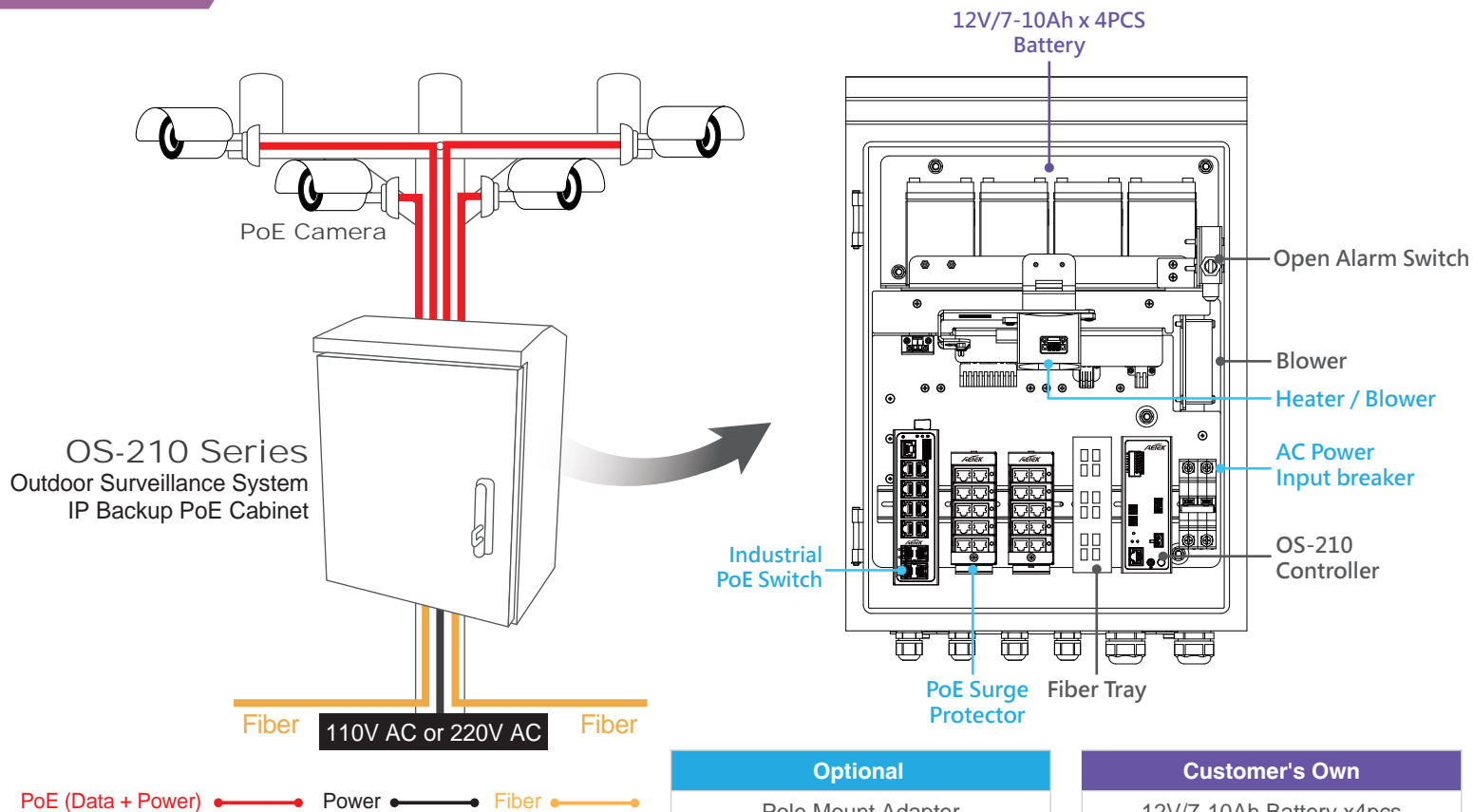
H/W Features

- Supports 110V AC or 220V AC input voltage
- Delivers 55V DC output power
- Maintains continuous 55V DC output even during AC input failure
- Built-in battery charging function for backup support
- Includes an open alarm switch for SNMP notifications
- Simple wall-mounted installations
- IP66-rated, offering reliable protection against dust and water

S/W Features

- Unified Management Platform: Enables monitoring of critical parameters, including:
 - Power Status
 - Battery Status
 - Interior Environmental Conditions: Temperature and humidity levels
 - GPS Status
- SNMP Notifications: Sends instant alerts for any abnormal conditions.
- Advanced Network Management: Integrates seamlessly with the D60 Series DIN-Rail Industrial L2 PRO PoE Switch to provide:
 - Network Overview: Topology View and Google Map View
 - Remote Troubleshooting: PoE Reboot and Cable Diagnostics
- Enhanced Surge Protection: Compatible with the SD-504 Modular IP PoE Surge Protector, offering:
 - Surge Module Lifetime Monitoring
 - Alarm Setup and Notifications

Application



Optional
Pole Mount Adapter
ABB AC Switch
Heater / Blower Module
Industrial PoE Switch
PoE Surge Protector

Customer's Own
12V/7-10Ah Battery x4pcs
Included
Open Alarm Switch
Blower
OS-210 Controller
Fiber Tray



Outdoor IP Backup PoE Cabinet

Backup Duration by Load and Battery Configuration

AETEK Model	Charging Current	Battery Type	Battery	Full Charge Time	Approximate Backup Time at Full Load					
					60W	120W	180W	240W	300W	360W
OS-210-360 with D60	1.5A	Sealed Lead Acid	48V / 7Ah	4 hr 56 mn	3 hr 7 mn	1 hr 24 mn	46 mn	27 mn	-	-
			48V / 10Ah	7 hr 4 mn	4 hr 20 mn	2 hr 8 mn	1 hr 18 mn	51 mn	-	-
		LiFePO4	48V / 10Ah	7 hr 5 mn	5 hr 36 mn	2 hr 56 mn	1 hr 57 mn	1 hr 27 mn	-	-
			48V / 15Ah	10 hr 34 mn	8 hr 29 mn	4 hr 28 mn	2 hr 42 mn	2 hr 15 mn	-	-
OS-210-600 with D60	3A	Sealed Lead Acid	48V / 7Ah	2 hr 28 mn	3 hr 7 mn	1 hr 24 mn	46 mn	27 mn	15 mn	7 mn
			48V / 10Ah	3 hr 32 mn	4 hr 20 mn	2 hr 8 mn	1 hr 18 mn	51 mn	35 mn	24 mn
		LiFePO4	48V / 10Ah	3 hr 32 mn	5 hr 36 mn	2 hr 56 mn	1 hr 57 mn	1 hr 27 mn	1 hr 8 mn	55 mn
			48V / 15Ah	5 hr 20 mn	8 hr 29 mn	4 hr 28 mn	2 hr 42 mn	2 hr 15 mn	1 hr 47 mn	1 hr 28 mn

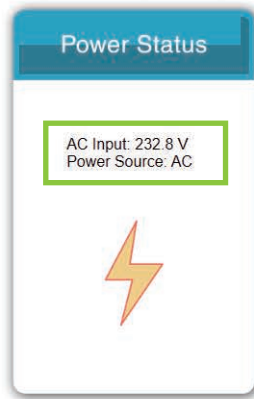
*Note: Calculations are based on Yuasa NP7-12/NP10-12 sealed lead-acid batteries (48V 4S1P) and LiFePO4 batteries (48V 16S1P) under standard conditions at 25°C.

OS-210 Series System information

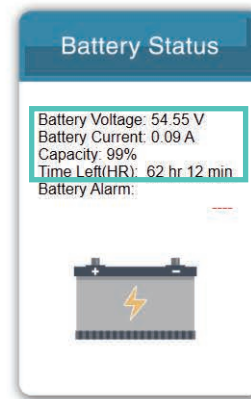
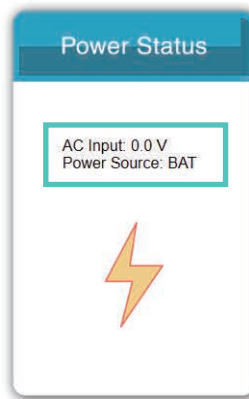
Real-Time Monitoring

Monitors power output mode, battery voltage, and estimated runtime through an intuitive Web UI for complete visibility.

AC Power Mode



Battery Input Mode



Advanced Management and Protection

When paired with AETEK L2 PRO PoE Switches and Modular Surge Protectors, unlock advanced features including real-time topology visualization, remote PoE reboot, and cable diagnostics through centralized management.

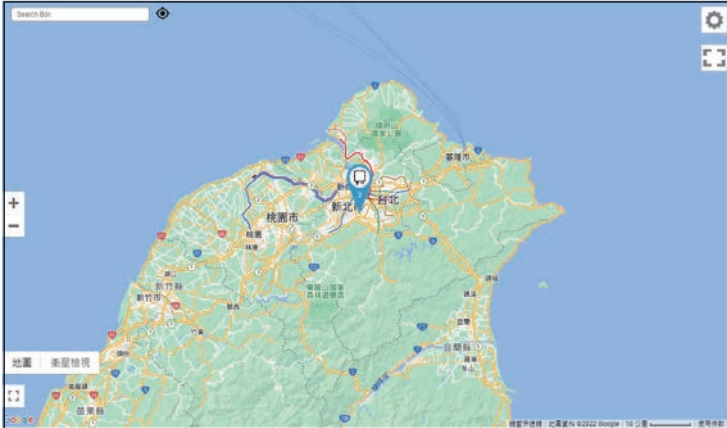
NTS (Network Topology System): OS-210 Series with DIN-Rail Industrial L2 PRO PoE Switches



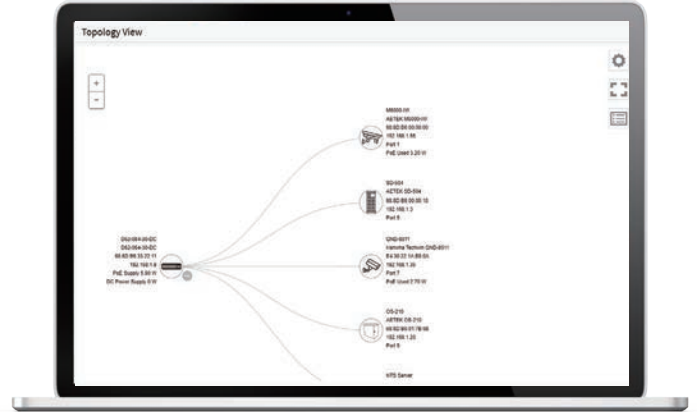
Outdoor IP Backup PoE Cabinet

NTS (Network Topology System): OS-210-360 with D60 DIN-Rail Industrial L2 PRO PoE Switch Series



Google Map



Topology View



Ordering information


Outdoor Surveillance System	
	<p>OS-210-360</p> <ul style="list-style-type: none"> • Supports Web UI • Support 10/100Mbps Ethernet • AC Power Input: 110V or 220V AC (by region) • 12V, 24V, and 55V DC output • Power Backup: <ul style="list-style-type: none"> - Integrated backup power system for power backup - Charges 48V Sealed Lead Acid or Lithium (LiFePO4) batteries • IP66, 304L stainless steel • Padlockable swing handle • 360W power budget
	<p>OS-210-600</p> <ul style="list-style-type: none"> • Supports Web UI • Support 10/100Mbps Ethernet • AC Power Input: 110V or 220V AC (by region) • 12V, 24V, and 55V DC output • Power Backup: <ul style="list-style-type: none"> - Integrated backup power system for power backup - Charges 48V Sealed Lead Acid or Lithium (LiFePO4) batteries • IP66, 304L stainless steel • Padlockable swing handle • 600W power budget

Related Product

Din-Rail Industrial L2 PRO Gigabit Ethernet PoE Switch				
 <p>D60-044-30-DC-V2</p> <ul style="list-style-type: none"> • 4xGbE 30W at PoE + 2xGbE SFP + 2xGbE RJ45 • 12~48V DC Input 	 <p>D60-044-91-DC</p> <ul style="list-style-type: none"> • 4xGbE 90W bt PoE + 2xGbE SFP + 2xGbE RJ45 • 12~48V DC Input 	 <p>D60-084-30-DC-V2</p> <ul style="list-style-type: none"> • 8xGbE 30W at PoE + 4xGbE SFP • 12~48V DC Input 	 <p>D62-041-30-DC</p> <ul style="list-style-type: none"> • 4xGbE 30W at PoE + 1xGbE RJ45 • 12~48V DC Input 	 <p>D62-084-30-DC</p> <ul style="list-style-type: none"> • 8xGbE 30W at PoE + 2xGbE RJ45 + 2xGbE SFP • 12~48V DC Input

Din-Rail Industrial L2 PRO Gigabit Ethernet PoE Switch	
 <p>D62-084-MX-DC</p> <ul style="list-style-type: none"> • 4xGbE 90W bt/PoH PoE + 4xGbE 30W at PoE + 4xGbE SFP • 12~48V DC Input 	 <p>D62-084-MX-DCP</p> <ul style="list-style-type: none"> • 4xGbE 90W bt/PoH PoE + 2xGbE 30W at PoE + 2xGbE Adjustable 24V or 56V DC Passive PoE + 4xGbE SFP • 12~48V DC Input

IP PoE Surge Protector	OS-210-360 Parts		
 <p>SD-504</p> <ul style="list-style-type: none"> • 802.3af/802.3at/802.3bt • 4-CH PoE Surge Protectors 	 <p>ABB S201-C10</p> <ul style="list-style-type: none"> • Miniature Circuit Breaker 	 <p>HM-400</p> <ul style="list-style-type: none"> • 300W Heater/Blower Module • 30°C < off / 15°C > on • 110V AC or 220V AC 	

Pole Mount		Corner Mount	
 <p>AT-100</p> <ul style="list-style-type: none"> • Pole Mount Adapter 	 <p>AT-101</p> <ul style="list-style-type: none"> • Pole Mount Adapter 	 <p>AT-200</p> <ul style="list-style-type: none"> • Corner Mount Adapter 	



Camera Housing Product Guide

AI Camera Housing
AC24V(Optional DC24V)Camera Housing
802.3 bt/at PoE Camera Housing
AISI 316L Stainless Steel Camera Housing



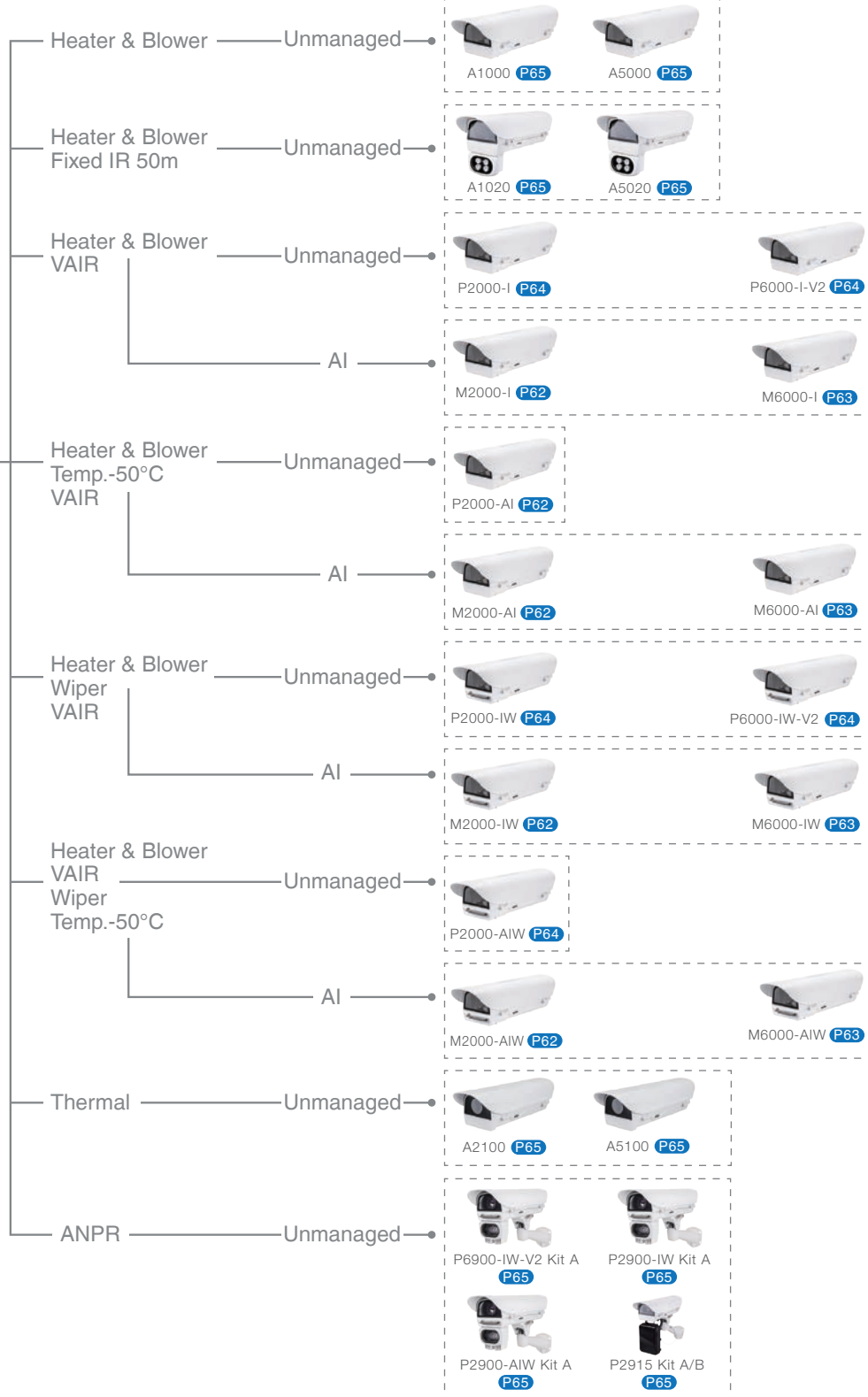
Camera Housing Product Selection

AC24V

30W at PoE

90W bt PoE

**Aluminum
IP66 / 68
IK10**



**316L
Stainless
Steel
IP66 / IP68
IK10**



AI Camera Housing – AC24V input

M2000 AI Camera Housing – AC24V input



M2000-I

Features

- IP68 rated, IK10 vandal proof
- Web UI Control
- Window heater & blower
- Adjustable sunshield
- Optional VAIR illuminator
- AC24V input
- Aluminum die casting body



M2000-IW

Features

- Built-in wiper
- IP66 rated, IK10 vandal proof
- Web UI Control
- Window heater & blower
- Adjustable sunshield
- Optional VAIR illuminator
- AC24V input
- Aluminum die casting body



M2000-AI

Features

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

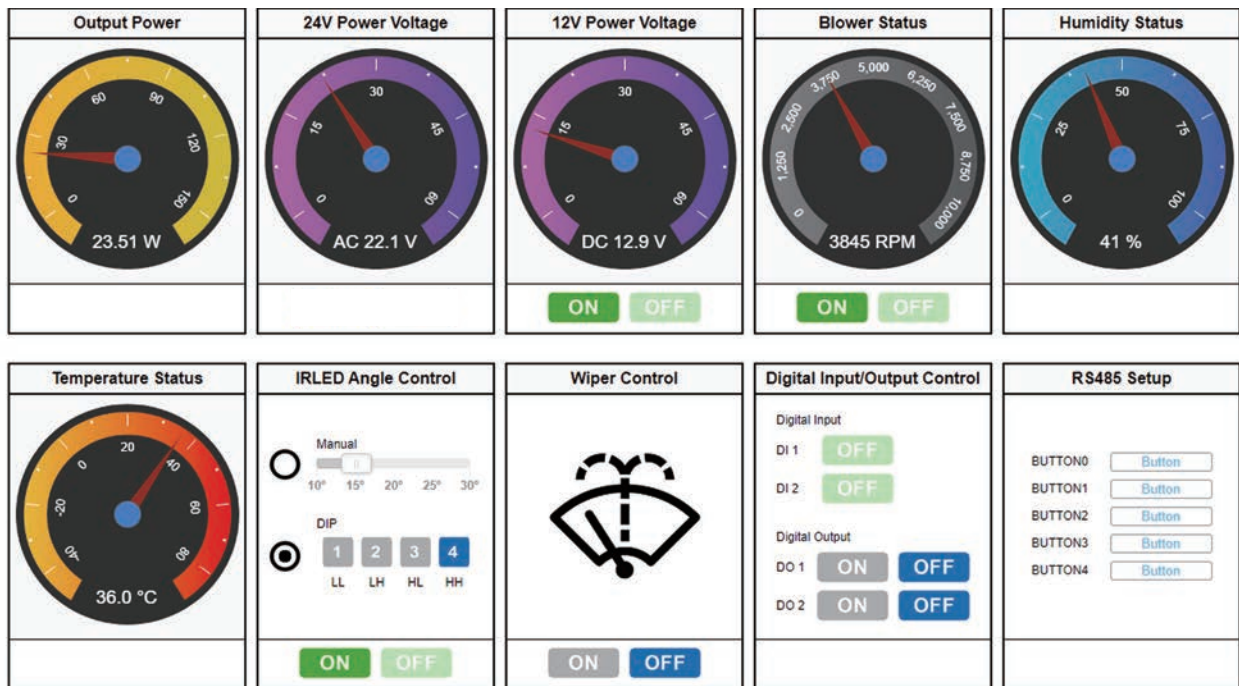


M2000-AIW

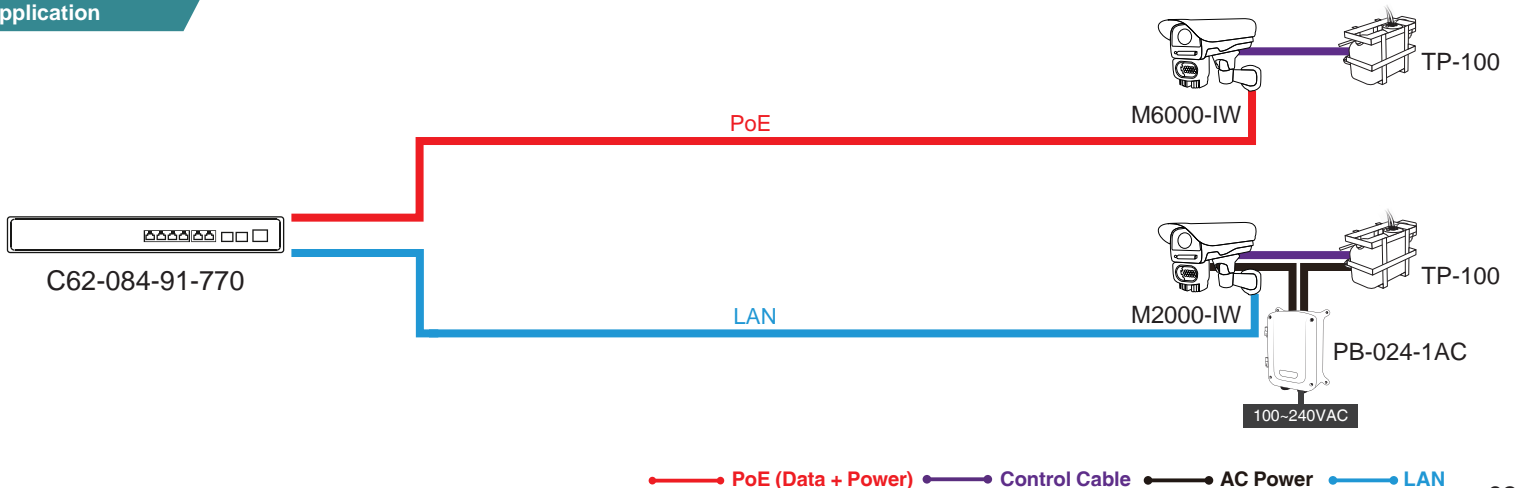
Features

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

AI Camera Housing Managed UI



Application



AI Camera Housing – bt PoE input (90W bt)

M6000 AI Camera Housing – PoE input (90W bt)



M6000-I

Features

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



M6000-IW

Features

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



M6000-AI

Features

- Arctic cold start heater at -40°C (operating temperature at -50°C)
- IP68 rated, IK10 vandal proof
- Web UI Control
- Window heater & blower
- Adjustable sunshield
- 90W bt PoE input
- Aluminum die casting body

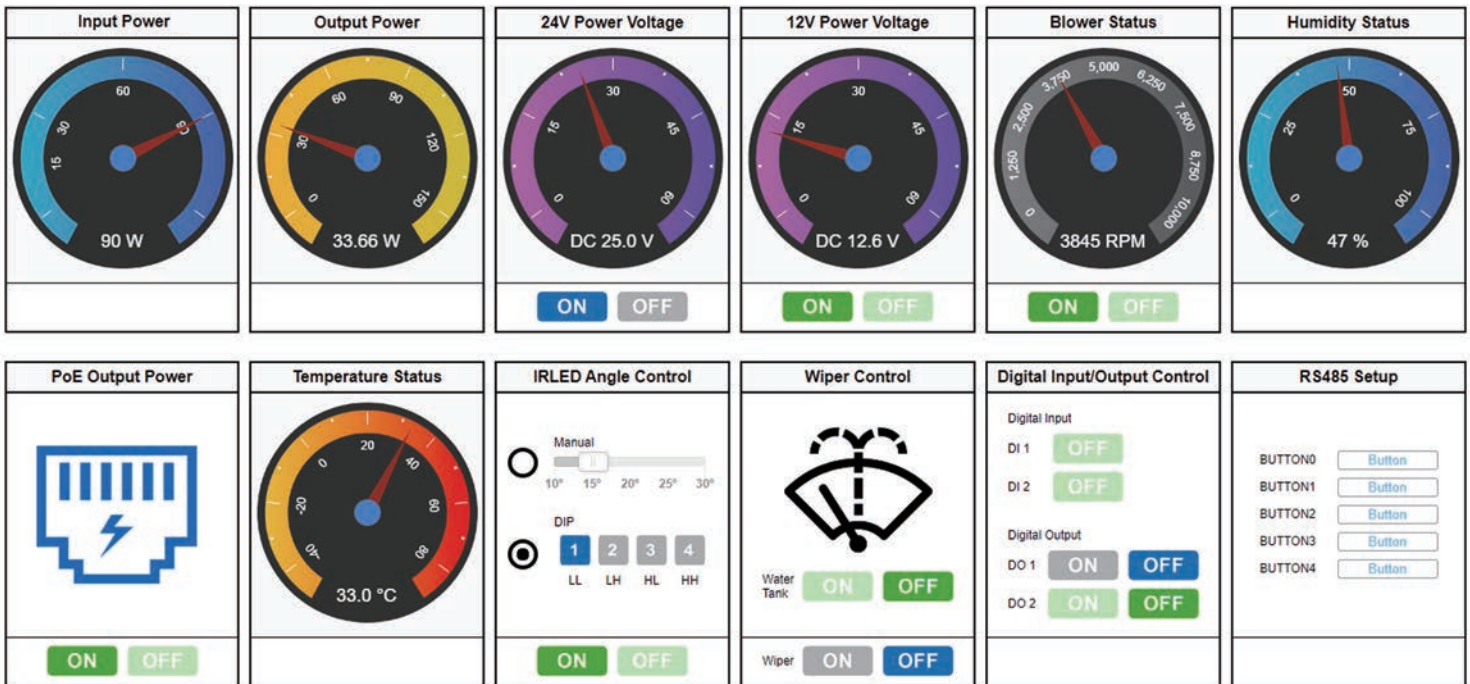


M6000-AIW

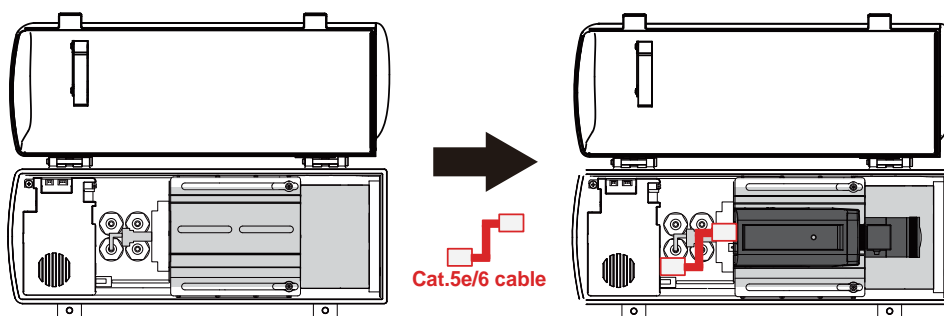
Features

- Arctic cold start heater at -40°C (operating temperature at -50°C)
- Built-in wiper
- IP66 rated, IK10 vandal proof
- Web UI Control
- Window heater & blower
- Adjustable sunshield
- 90W bt PoE input
- Aluminum die casting body

AI Camera Housing Managed UI



Plug-and-Play quick connection for PoE IP box/brick camera inside smart camera housing



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

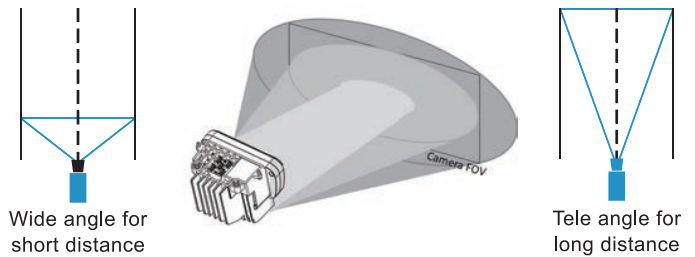
Features

- 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

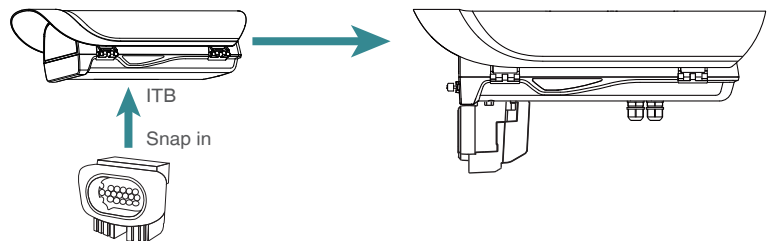
Professional Camera Housing Line	
P20 Series	P60 Series
AC24V Input	bt PoE Input
<ul style="list-style-type: none"> - ITB(Illuminator Touch Board) for optional Vair-IR illuminator - Quick latch & tether wire for safety installation - Side opening alarm interface - Adjustable sunshield - Optional wiper - 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 defogging & deicing - Blower - Aluminum die casting body - Optional VAIR illuminator - Optional water tank & pump - W: Wiper

VAIR Illuminator Technology

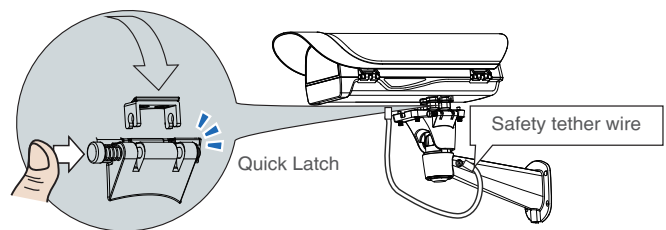
VAIR technology is an optical technology to adjust illuminator beam angle by remote control thru RS485 Pelco-D command or manual dip switch to suit camera FOV



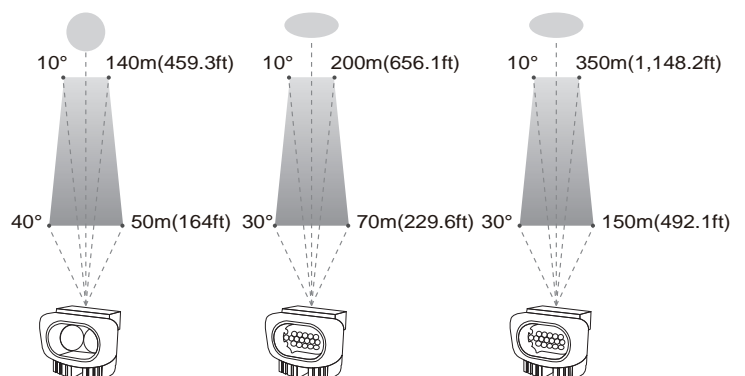
Without exposing power cable & RS485 wire for illuminator



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-V2

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 30W at 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 (Optional DC24V)
- Built-in wiper
- 48W VAIR Illuminator
- Aluminum die casting body



P2900-AIW Kit A

Features

- Arctic cold start heater at -40°C (operating temperature at -50°C)
- Catch speed up to 100km/h
- IP66 rated, IK10 vandal proof
- Window heater & blower
- AC24V Input (Optional DC24V)
- Built-in wiper
- 48W VAIR Illuminator
- Aluminum die casting body



P6900-IW-V2 Kit A

Features

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

A51 Series - Thermal PoE Camera Housing Line



P2915 Kit A/B

Features

- Catch speed up to 150km/h
- IP68 rated, IK10 vandal proof
- 90W External VAIR Illuminator
- AC24V input
- Aluminum die casting body

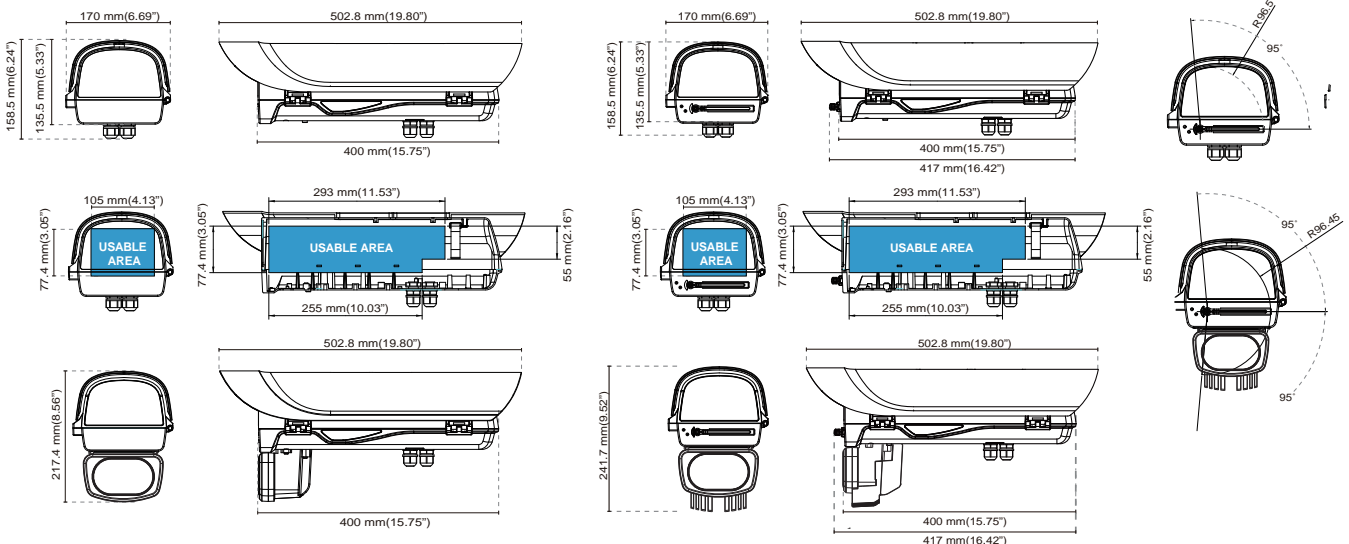


Accommodate with Avigilon H4A/H5A box & H4 Pro/H5A Pro box equipped with long range varifocal lens



Accommodate with AXIS Q1635 + 8-80mm varifocal lens

Dimensions








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-241 • Snap Vair 10~30° IR LED, 24W
			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 • IP67/IK10 • 115V AC / 230V AC Input • 24V AC/6A Output				
 PB-024-2AC • IP67/IK10 • 115V AC / 230V AC Input • 24V AC/6A Output • For BK-101 & BK-102				

PoE Switches

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

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

PoE Camera Housing



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



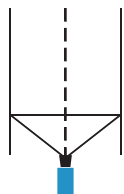
S6000-IW

Features

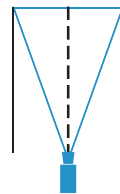
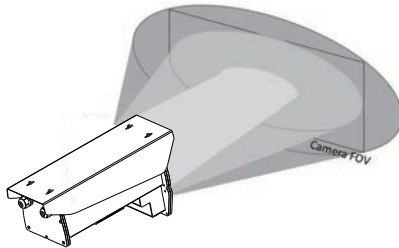
- 90W bt PoE input
- **12W VAIR LED**
- **Built-in wiper**
- IP66 rated, IK10 vandal proof
- Window heater & blower
- Adjustable sunshield
- AISI 316L stainless steel construction
- Fits corrosive & severe environments

VAIR Illuminator Technology

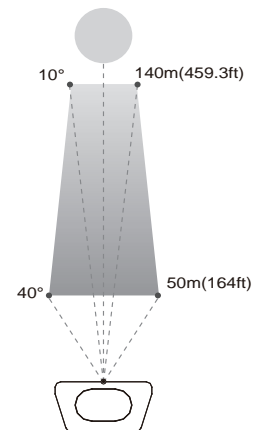
VAIR technology is an optical technology to adjust illuminator beam angle by remote control thru RS485 Pelco-D command or manual dip switch to suit camera FOV



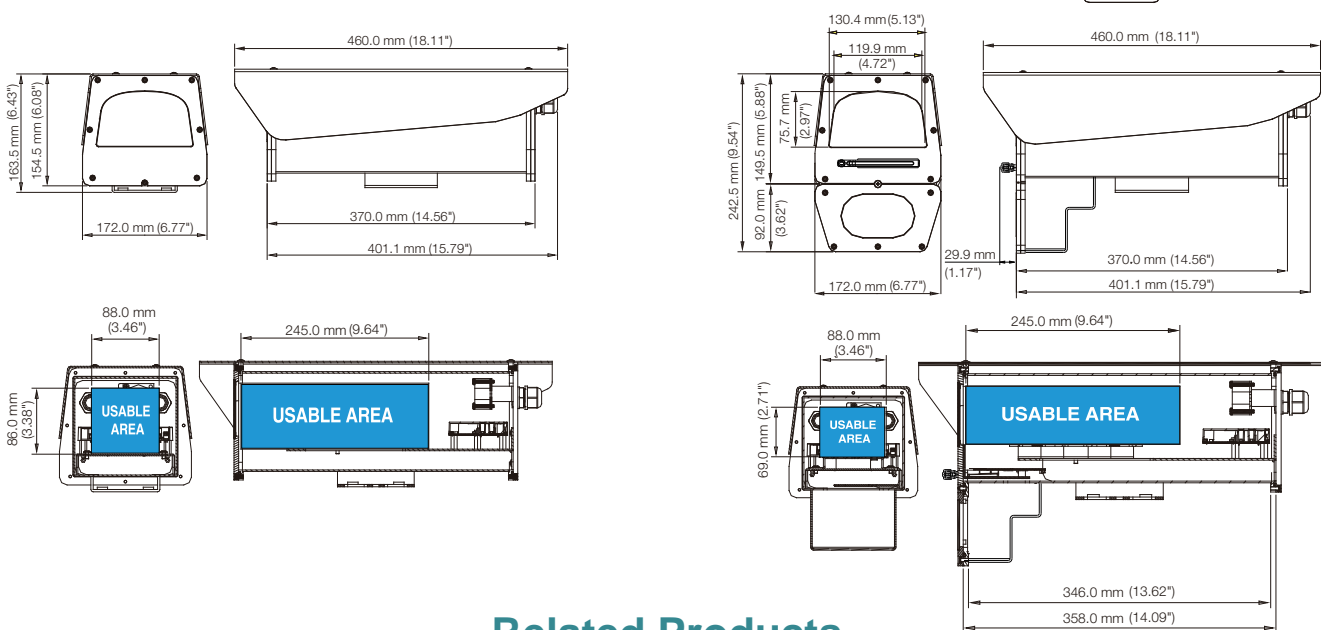
Wide angle for short distance



Tele angle for long distance



AISI 316L Stainless Steel Dimensions



Related Products

Pole Mount



AT-102
AISI 316L Stainless steel
Pole Mount Adapter

Standing Mount Bracket



BK-301
AISI 316L Stainless Steel
Standing Mount Bracket

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

Professional Illuminators for Security Lighting.



Illuminators **Product Guide**

Manual Adjustable
Motorized Adjustable
Affordable



Professional Illuminators

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)
- IP68 rated, IK10 vandal proof
- 24V AC or 24V DC 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)
- IP68 rated, IK10 vandal proof
- 24V AC or 24V DC 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)
- IP68 rated, IK10 vandal proof
- 24V AC or 24V DC 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)
- IP68 rated, IK10 vandal proof
- 24V AC or 24V DC input power



VR-486-180

Features

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



VW-486-1040

Features

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



VW-486-2040

Features

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



VW-486-4080

Features

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



VW-486-90120

Features

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

Professional - Motorized 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)
- IP68 rated, IK10 vandal proof
- 24V AC or 24V DC input power

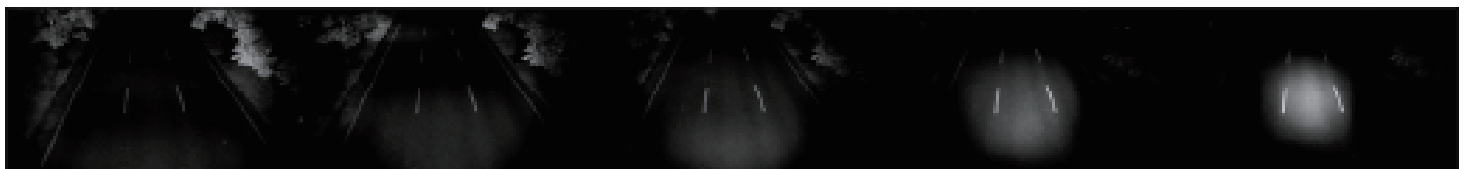


VR-806-2040

Features

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

Angle Adjust





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
- 24V AC or 24V DC 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
- 24V AC or 24V DC 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
- 24V AC or 24V DC 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
- 24V AC or 24V DC 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
- 24V AC or 24V DC 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
- 24V AC or 24V DC 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
- 24V AC or 24V DC input power

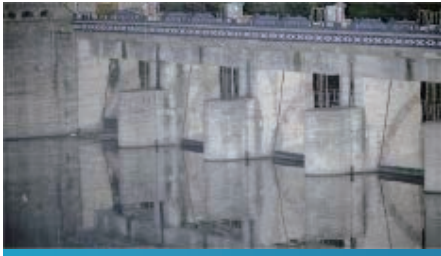


FW-326-100

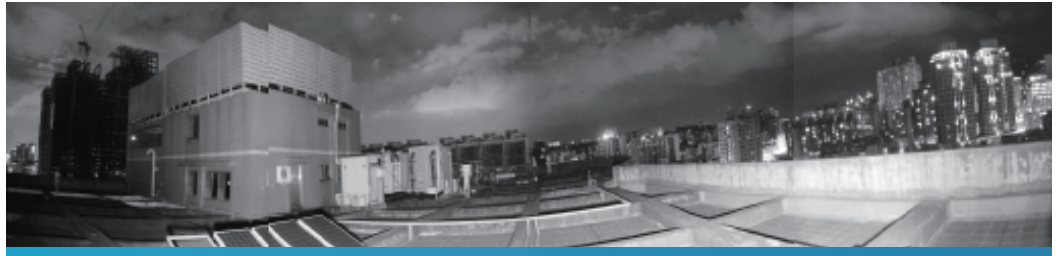
Features

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

Security Lighting & LPR Lighting Applications



Long Distance



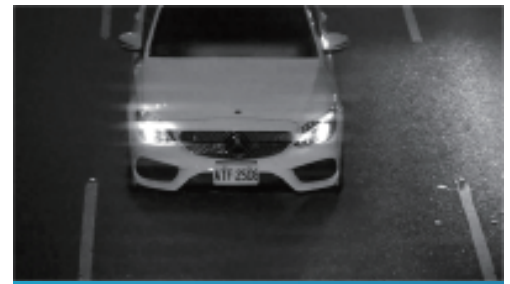
Panoramic Lighting



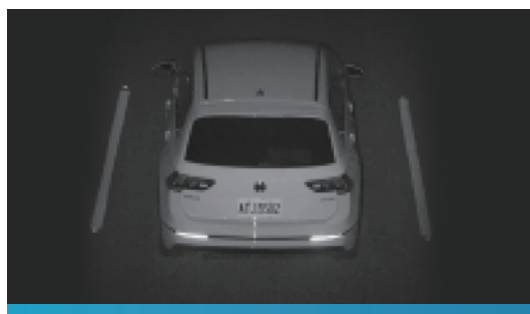
Generic View



LPR Solution



Continuous Mode



Pulse Mode

VMS Integration



AETEK Comprehensive Solutions



AETEK Solutions for Video Surveillance



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