AETEK



Double "A"
for IP Surveillance



AETEK works with Avigilon IP Cameras



www.aetektec.com



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AETEK 95W PoE Switch/Injector works with Avigilon PTZ/Multisensor PoE IP Cameras

Why needs AETEK's 95W PoE Switch / Injector ?

- Feeds 95W PoH PoE to H4 IR PTZ and Multisensor Cameras
- 4x 95W PoE ports
- Works between -40°C and 75°C outdoor harsh environments
- 12KV surge protection on each PoE port
- 2x GbE(RJ45) & 2x SFP optical fiber as uplink/downlink ports
- Sufficient Gigabit bandwidth



LAB TESTS









95W PoH PoE Switch / Injector Product Guide

Avigilon PoE IP Cameras



8.0-H4A-B2
- H4 HD 4K(8MP)PoE IP camera (8W max)



3.0-H4A-BO1-IR
- H4 HD Bullet 3MP PoE IP camera (13W max)



32C-H4A-4MH-360
- 4x4K (8 MP), WDR, LightCatcher 4mm, Camera Only



8L-H4 PRO-B - 4K (8 MP)
- H4 PRO with Canon 70-200mm f2.8L, Auto-Iris, Vari Focal



6.0L-H4F-DO1-IR
- H4 Fisheye 6MP PoE IP camera (25.5W max)

12.0-H4F-DO1-IR
- H4 Fisheye 12MP PoE IP camera (25.5W max)



1.0C-H4IRPTZ-DP45
- H4 IR PTZ 1MP, 45X. 250m IR

2.0C-H4ITPTZ-DP30
- H4 IR PTZ 2MP, 30X. 250m IR



Box Camera (H5A-B) :
- 2.0C-H5A-B1
- 2.0C-H5A-B2
- 4.0C-H5A-B2
- 4.0C-H5A-B3
- 6.0C-H5A-B2
- 8.0C-H5A-B2



Outdoor Bullet Camera (H5A-BO-IR) :
- 2.0C-H5A-BO1-IR
- 4.0C-H5A-BO2-IR
- 8.0C-H5A-BO1-IR 8.0
- 2.0C-H5A-BO2-IR
- 5.0C-H5A-BO2-IR
- 4.0C-H5A-BO1-IR
- 6.0C-H5A-BO1-IR

Indoor Gigabit 60W/95W PoH PoE Injector



I36-200

Features
- Provides 60W of PoE over 4-pairs UTP/STP
- 6KV PoE surge protection
- Supports 10/100/1000Mbps data rates
- IEEE802.3at compliant



I39-200

Features
- Provides 95W of PoE over 4-pairs UTP/STP
- 6KV PoE surge protection
- Supports 10/100/1000Mbps data rates
- IEEE802.3at compliant

Outdoor Gigabit 60W/95W PoH PoE Injector



I46-200

Features
- Provides 60W of PoE over 4-pairs UTP/STP
- 6KV PoE surge protection
- 10KV AC power surge protection
- Supports 10/100/1000Mbps data rates
- IEEE802.3at compliant
- Outdoor IP67 rated, IK10 vandal proof



I49-200

Features
- Provides 95W of PoE over 4-pairs UTP/STP
- 6KV PoE surge protection
- 10KV AC power surge protection
- Supports 10/100/1000Mbps data rates
- IEEE802.3at compliant
- Outdoor IP67 rated, IK10 vandal proof

Industrial Gigabit 95W PoH PoE Injector



I69-200

Features
- Provides 95W of PoE over 4-pairs UTP/STP
- 6KV PoE surge protection
- Supports 10/100/1000Mbps data rates
- IEEE802.3at compliant
- Din-Rail design
- -40°C~75°C operating temperature

Industrial Gigabit 95W PoH PoE Switch



H30-044-90

Features
- 4-port Gigabit 95W PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 6KV PoE surge protection
- IEEE802.3at compliant
- -40°C~75°C operating temperature

Industrial Gigabit 95W PoH PoE Switch w/ 12V~56VDC Input



H36-044-90

Features
- 4-port Gigabit 95W PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 12V~56VDC Input Power
- 6KV PoE surge protection
- IEEE802.3at compliant
- -40°C ~ 75°C operating temperature

Outdoor Gigabit 95W PoH PoE Switch

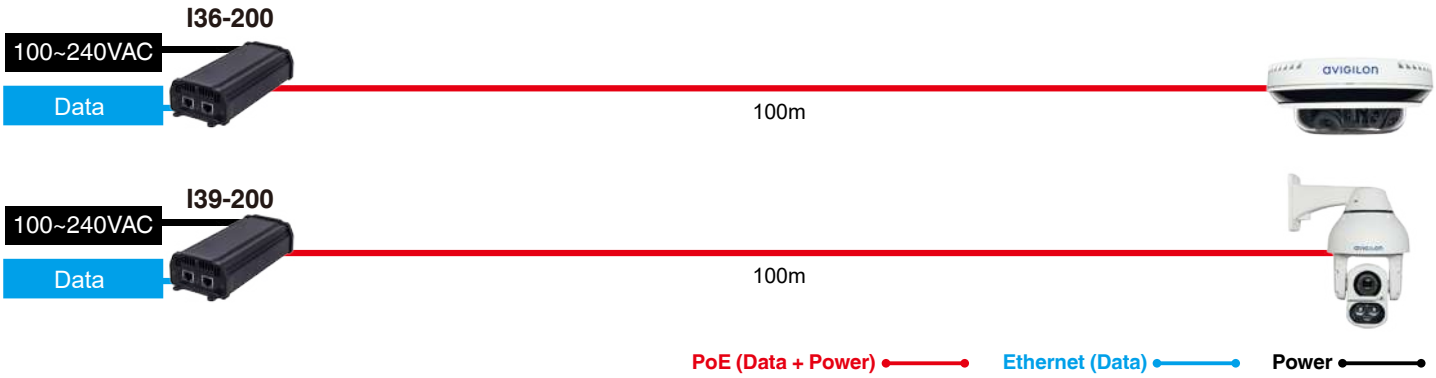


H40-044-90-250

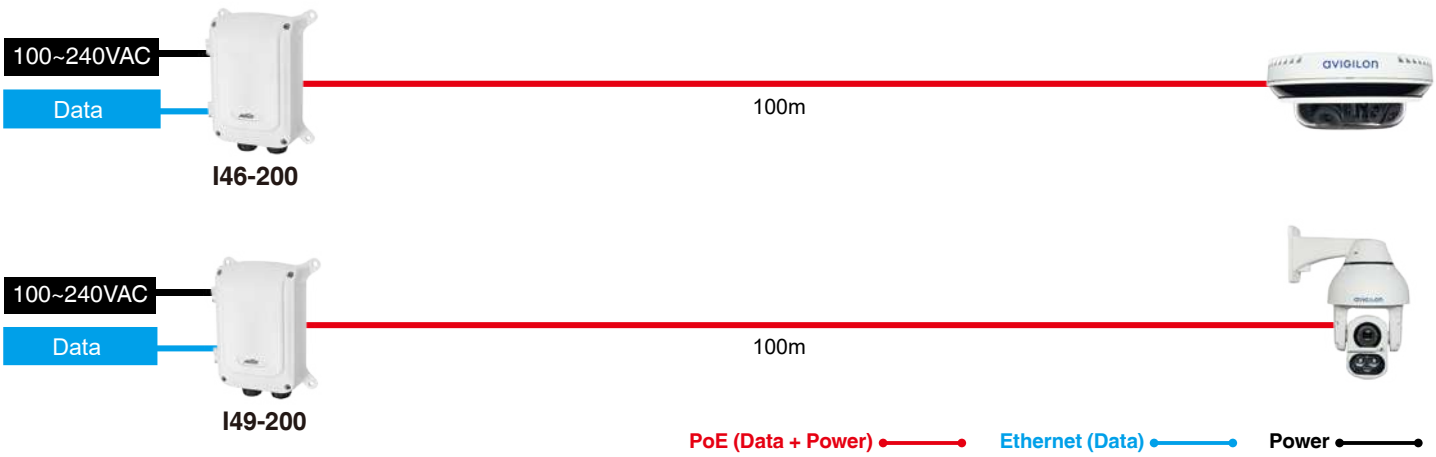
Features
- 4-port Gigabit 95W PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- 6KV PoE surge protection
- 40KV power surge protection
- -40°C and 65°C operating temperature
- Outdoor IP67 rated, IK10 vandal proof

Applications

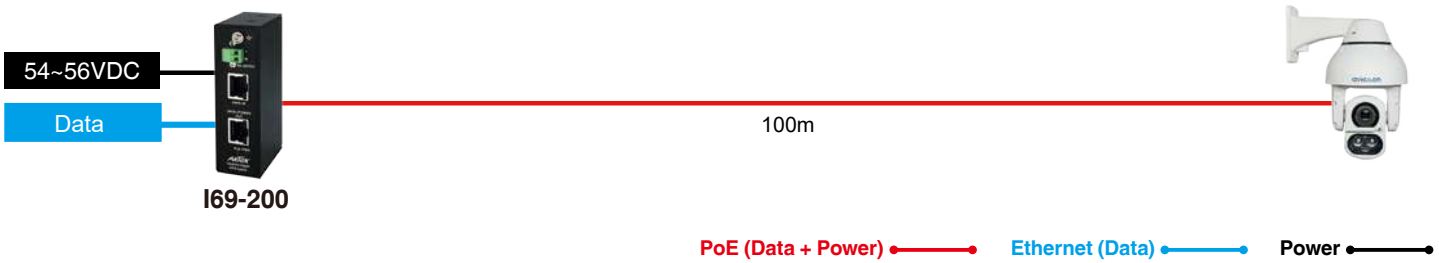
Indoor Gigabit 60W/95W PoH PoE Injector



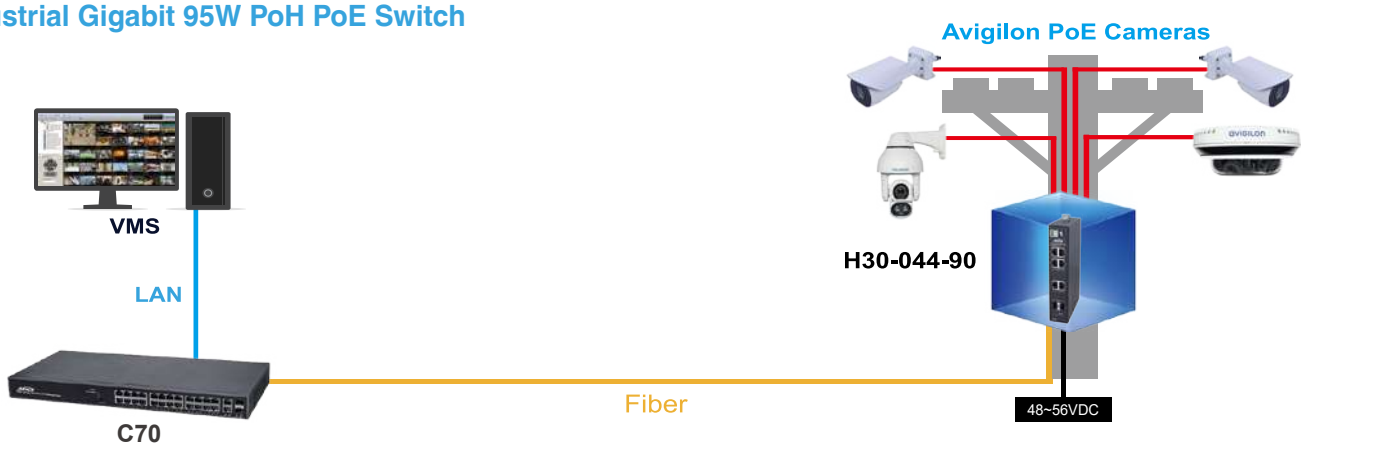
Outdoor Gigabit 60W/95W PoH PoE Injector



Industrial Gigabit 95W PoH PoE Injector

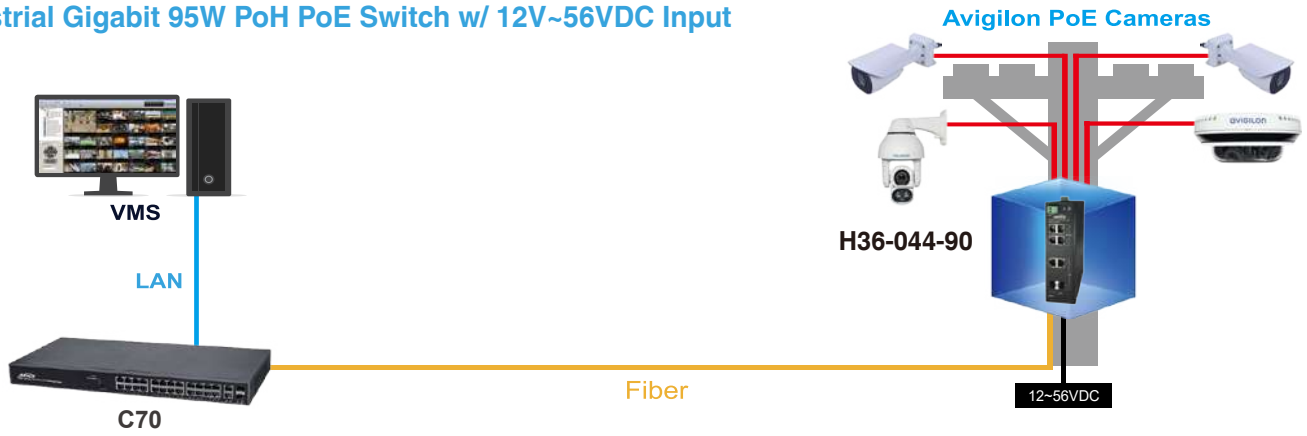


Industrial Gigabit 95W PoH PoE Switch

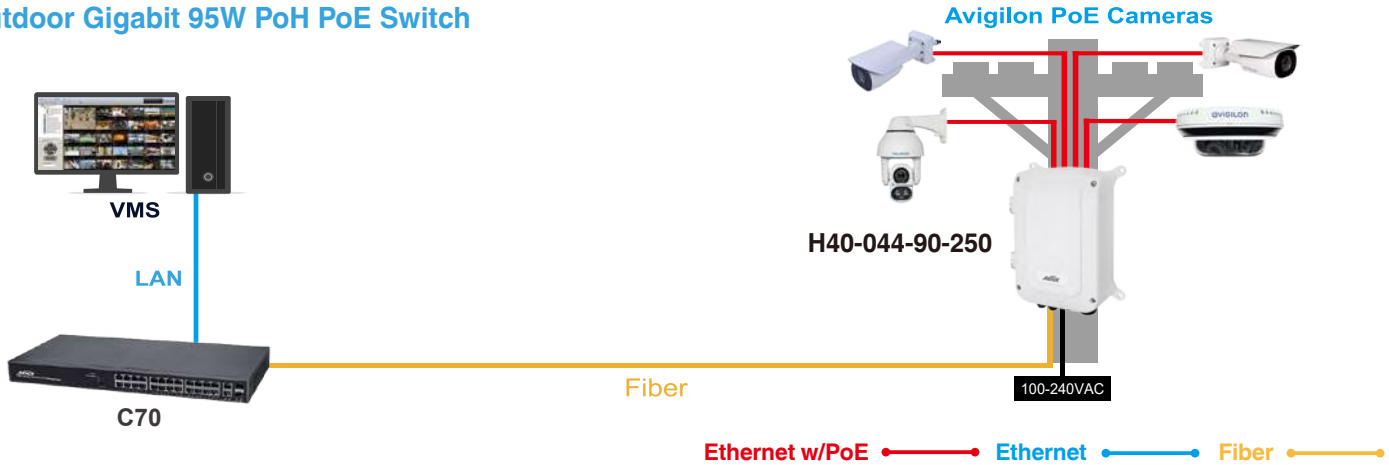


Applications

Industrial Gigabit 95W PoH PoE Switch w/ 12V~56VDC Input



Outdoor Gigabit 95W PoH PoE Switch



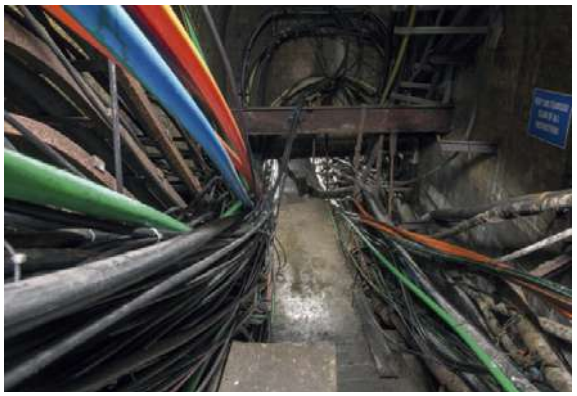




AETEK EPoC Products work with Avigilon PoE IP Cameras

Why Needs AETEK EPoC to Work with Avigilon Camera ?

- Migrates analog CCTV to Avigilon IP Surveillance using existing coaxial cables
- Extends Ethernet beyond 100m(328ft) limitation
- Back-up Ethernet transmission by ring topology



In order to acquire accurate data after testing AETEK IP surveillance peripherals with Avigilon PoE IP cameras, we use the latest Avigilon H4 IR PTZ speed dome to do field test.

The illustrations based on following diagram measured by renowned networking gears like Smartbits.

Field test



Testing Gears - SmartBits





Long Range PoE & Ethernet Product Guide

Avigilon PoE IP Cameras



8.0-H4A-B2
- H4 HD 4K(8MP)PoE IP camera (8W max)



3.0-H4A-BO1-IR
- H4 HD Bullet 3MP PoE IP camera (13W max)



6.0L-H4F-DO1-IR
- H4 Fisheye 6MP PoE IP camera (25.5W max)

12.0-H4F-DO1-IR
- H4 Fisheye 12MP PoE IP camera (25.5W max)



1.0C-H4IRPTZ-DP45 : H4 IR PTZ 1MP, 45X. 250m IR

2.0C-H4ITPTZ-DP30 : H4 IR PTZ 2MP, 30X. 250m IR



8L-H4 PRO-B - 4K (8 MP)
- H4 PRO with Canon 70-200mm f2.8L, Auto-Iris, Vari Focal



Box Camera (H5A-B) :
- 2.0C-H5A-B1
- 2.0C-H5A-B2
- 4.0C-H5A-B2
- 4.0C-H5A-B3
- 6.0C-H5A-B2
- 8.0C-H5A-B2



Outdoor Bullet Camera (H5A-BO-IR) :
- 2.0C-H5A-BO1-IR
- 4.0C-H5A-BO2-IR
- 8.0C-H5A-BO1-IR 8.0
- 2.0C-H5A-BO2-IR
- 5.0C-H5A-BO2-IR
- 4.0C-H5A-BO1-IR
- 6.0C-H5A-BO1-IR

AETEK EPoC Product Line

EPoC RX Switch



XC10-041-250
- 4xBNC coax ports & 1xGigabit LAN port
- Playing RX mode
- 6KV surge protection for EPoC port
- 250W Power Supply, 100~240VAC input



XC10-084-380
- 8xBNC coax ports & 4xGigabit LAN ports
- Playing RX mode
- 6KV surge protection for EPoC port
- 380W Power Supply, 100~240VAC input



XC10-164-750
- 16xBNC coax ports & 4xGigabit LAN ports
- Playing RX mode
- 6KV surge protection for EPoC port
- 750W Power Supply, 100~240VAC input

EPoC RX Adapter Series



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



XE11-110-RX
- XE11-110-RX PoE EPoC adapter (RX)
- Supports 30W/60W/95W PoE Input

EPoC TX Series



XE10-110-TX
- 1-to-1 EPoC adapter (TX)



XE12-120-TX
- 1-to-2 EPoC adapter (TX)



XE22-110-TX
- 1-to-1, Outdoor EPoC adapter (TX) with IP67/IK10/6KV Surge protection



XE22-120-TX
- 1-to-2, Outdoor EPoC adapter (TX) with IP67/IK10/6KV Surge protection



A5000-E
- EPoC Camera Housing



A5020-E
- EPoC Camera Housing with IR illuminator (MAX: 50m)



Avigilon H4 / H5A-B HD Camera
w/ AETEK EPoC Camera Housing

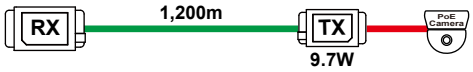


Avigilon H4 PRO Camera
w/ Canon 70-200mm Lens
w/ AETEK EPoC Camera Housing

Test Diagram

EPoC (Ethernet & Power over Coax)

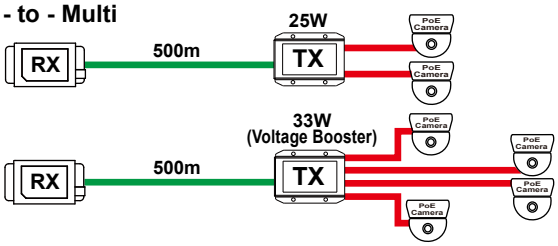
A: 1 - to - 1



PoE (Data + Power)
Coax (Data + Power)

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

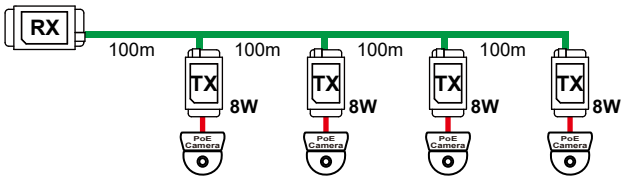
B: 1 - to - Multi



PoE (Data + Power)
Coax (Data + Power)

PoE Budget : 25W@500m / 1,640ft over RG6
Data Rate : 100Mbps

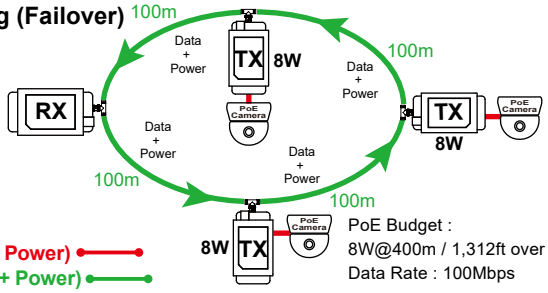
C: Daisy - Chain



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)

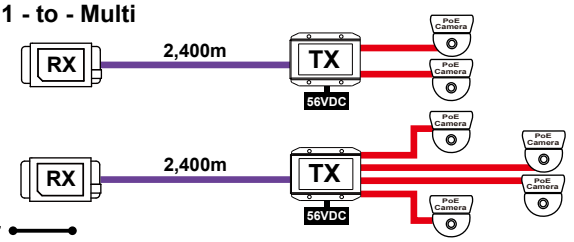
E: 1 - to - 1



Power
Coax (Data)
PoE (Data + Power)

Range : 2,400m / 7,874ft over RG6
Data Rate : 100Mbps

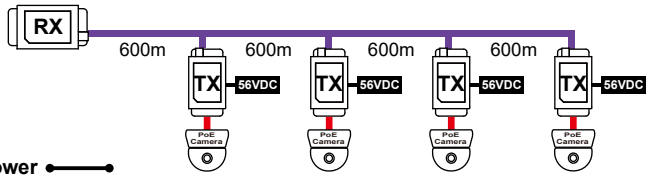
F: 1 - to - Multi



Power
Coax (Data)
PoE (Data + Power)

Range : 2,400m / 7,874ft over RG6
Data Rate : 100Mbps

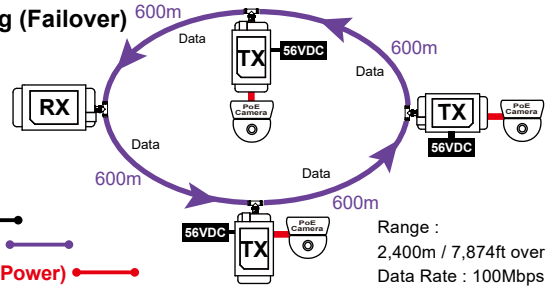
G: Daisy - Chain



Power
Coax (Data)
PoE (Data + Power)

Range : 2,400m / 7,874ft over RG6
Data Rate : 100Mbps

H: Ring (Failover)



Power
Coax (Data)
PoE (Data + Power)

Range :
2,400m / 7,874ft over RG6
Data Rate : 100Mbps

EPoC Test Diagram

EPoC 1 - to - 1 Test



EPoC 1 - to - Multi Test



EPoC Daisy-Chain Test



EPoC Ring(Failover) Test



EPoC Camera Housing 1 - to - 1 Test



EoC Ring(Failover) Test



8.0-H4A-B2: H4 HD 4K(8MP) PoE IP camera Test

ID	Topology		Power Consumption	Distance	Data Rate	Test results
 8.0-H4A-B2: H4 HD 4K(8MP) PoE IP camera	EPoC 1-to-1	A:	8W	1,200m	100Mbps	Pass
	EPoC 1-to-Multi	B:	8W	1,200m	100Mbps	Pass
	EPoC Daisy-Chain	C:	8W	1,200m	100Mbps	Pass
	EPoC Ring(Failover)	D:	8W	1,200m	100Mbps	Pass
	EoC 1-to-1	E:	8W	2,400m	100Mbps	Pass
	EoC 1-to-Multi	F:	8W	2,400m	100Mbps	Pass
	EoC Daisy-Chain	G:	8W	2,400m	100Mbps	Pass
	EoC Ring(Failover)	H:	8W	2,400m	100Mbps	Pass
 A5020-E EPoC Camera Housing	EPoC 1-to-1	A:	25W	500m	100Mbps	Pass

Box Camera (H5A-B)

ID	Topology		Power Consumption	Distance	Data Rate	Test results
 Box Camera (H5A-B)	EPoC 1-to-1	A:	8W	1,200m	100Mbps	Pass
	EPoC 1-to-Multi	B:	8W	1,200m	100Mbps	Pass
	EPoC Daisy-Chain	C:	8W	1,200m	100Mbps	Pass
	EPoC Ring(Failover)	D:	8W	1,200m	100Mbps	Pass
	EoC 1-to-1	E:	8W	2,400m	100Mbps	Pass
	EoC 1-to-Multi	F:	8W	2,400m	100Mbps	Pass
	EoC Daisy-Chain	G:	8W	2,400m	100Mbps	Pass
	EoC Ring(Failover)	H:	8W	2,400m	100Mbps	Pass
 A5020-E EPoC Camera Housing	EPoC 1-to-1	A:	25W	500m	100Mbps	Pass

3.0-H4A-BO1-IR: H4 HD Bullet 3MP PoE IP camera Test

ID	Topology		Power Consumption	Distance	Data Rate	
 3.0-H4A-BO1-IR: H4 HD Bullet 3MP PoE IP camera	EPoC 1-to-1	A:	13W	800m	100Mbps	Pass
	EPoC 1-to-Multi	B:	13W	500m	100Mbps	Pass
	EPoC Daisy-Chain	C:	13W	500m	100Mbps	Pass
	EoC 1-to-1	E:	13W	2,400m	100Mbps	Pass
	EoC 1-to-Multi	F:	13W	2,400m	100Mbps	Pass
	EoC Daisy-Chain	G:	13W	2,400m	100Mbps	Pass
	EoC Ring(Failover)	H:	13W	2,400m	100Mbps	Pass

Outdoor Bullet Camera (H5A-BO-IR)

ID	Topology		Power Consumption	Distance	Data Rate	
 Outdoor Bullet Camera (H5A-BO-IR)	EPoC 1-to-1	A:	13W	800m	100Mbps	Pass
	EPoC 1-to-Multi	B:	13W	500m	100Mbps	Pass
	EPoC Daisy-Chain	C:	13W	500m	100Mbps	Pass
	EoC 1-to-1	E:	13W	2,400m	100Mbps	Pass
	EoC 1-to-Multi	F:	13W	2,400m	100Mbps	Pass
	EoC Daisy-Chain	G:	13W	2,400m	100Mbps	Pass
	EoC Ring(Failover)	H:	13W	2,400m	100Mbps	Pass

8L-H4 PRO-B-4K (8 MP): H4 PRO w/ Canon 70-200mm Lens Test

ID	Topology		Power Consumption	Distance	Data Rate	Test results
 8L-H4 PRO-B-4K (8 MP): H4 PRO with Canon 70-200mm f2.8L, Auto-Iris, Vari Focal	EPoC 1-to-1	A:	13W	800m	100Mbps	Pass
	EPoC 1-to-Multi	B:	13W	500m	100Mbps	Pass
	EPoC Daisy-Chain	C:	13W	600m	100Mbps	Pass
	EPoC Ring(Failover)	D:	13W	2,400m	100Mbps	Pass
	EoC 1-to-1	E:	13W	2,400m	100Mbps	Pass
	EoC 1-to-Multi	F:	13W	2,400m	100Mbps	Pass
	EoC Daisy-Chain	G:	13W	2,400m	100Mbps	Pass
	EoC Ring(Failover)	H:	13W	2,400m	100Mbps	Pass
 A5020-E EPoC Camera Housing	EPoC 1-to-1	A:	25W	500m	100Mbps	Pass

6.0L-H4F-DO1-IR: H4 Fisheye 6MP PoE IP camera Test

ID	Topology		Power Consumption	Distance	Data Rate	Test results
 6.0L-H4F-DO1-IR: H4 Fisheye 6MP PoE IP camera	EPoC 1-to-1	A:	25.5W	500m	100Mbps	Pass
	EoC 1-to-1	E:	25.5W	2,400m	100Mbps	Pass
	EoC 1-to-Multi	F:	25.5W	2,400m	100Mbps	Pass
	EoC Daisy-Chain	G:	25.5W	2,400m	100Mbps	Pass
	EoC Ring(Failover)	H:	25.5W	2,400m	100Mbps	Pass

12.0L-H4F-DO1-IR: H4 Fisheye 12MP PoE IP camera Test

ID	Topology		Power Consumption	Distance	Data Rate	Test results
 12.0L-H4F-DO1-IR: H4 Fisheye 12MP PoE IP camera	EPoC 1-to-1	A:	25.5W	500m	100Mbps	Pass
	EoC 1-to-1	E:	25.5W	2,400m	100Mbps	Pass
	EoC 1-to-Multi	F:	25.5W	2,400m	100Mbps	Pass
	EoC Daisy-Chain	G:	25.5W	2,400m	100Mbps	Pass
	EoC Ring(Failover)	H:	25.5W	2,400m	100Mbps	Pass

1.0C-H4IRPTZ-DP45: H4 IR PTZ 1MP, 45X. 250m
2.0C-H4ITPTZ-DP30: H4 IR PTZ 2MP, 30X. 250m Test

ID	Topology		Distance	Data Rate	Test results
 1.0C-H4IRPTZ-DP45: H4 IR PTZ 1MP, 45X. 250m IR 2.0C-H4ITPTZ-DP30: H4 IR PTZ 2MP, 30X. 250m IR	EoC 1-to-1	E:	2,400m	100Mbps	Pass
	EoC 1-to-Multi	F:	2,400m	100Mbps	Pass
	EoC Daisy-Chain	G:	2,400m	100Mbps	Pass
	EoC Ring(Failover)	H:	2,400m	100Mbps	Pass



Double "A"
for IP Surveillance

AETEK ONVIF Switches work with Avigilon PoE IP Cameras

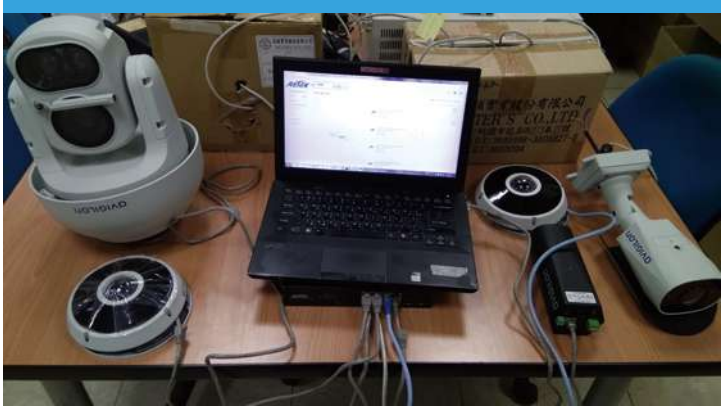
Avigilon Camera Controller

- Automatic discovery for Avigilon PoE IP camera
- Generate camera topology automatically
- Graphic grouping VLAN
- Cable diagnostic & reboot camera remotely
- PoE management
- Topology view/Floor view/Google map view
- Monitor/Configure/Manage Avigilon PoE IP camera remotely



The ONVIF PoE Switch series from AETEK offers a broad range of Layer 2 PoE Switches,equipped with multi-port Gigabit PoE (10M/100M/1G)and SFP transceiver (100M/1G) slots for flexible link complying with 30W PoE or 60W PoE power budget for any application.

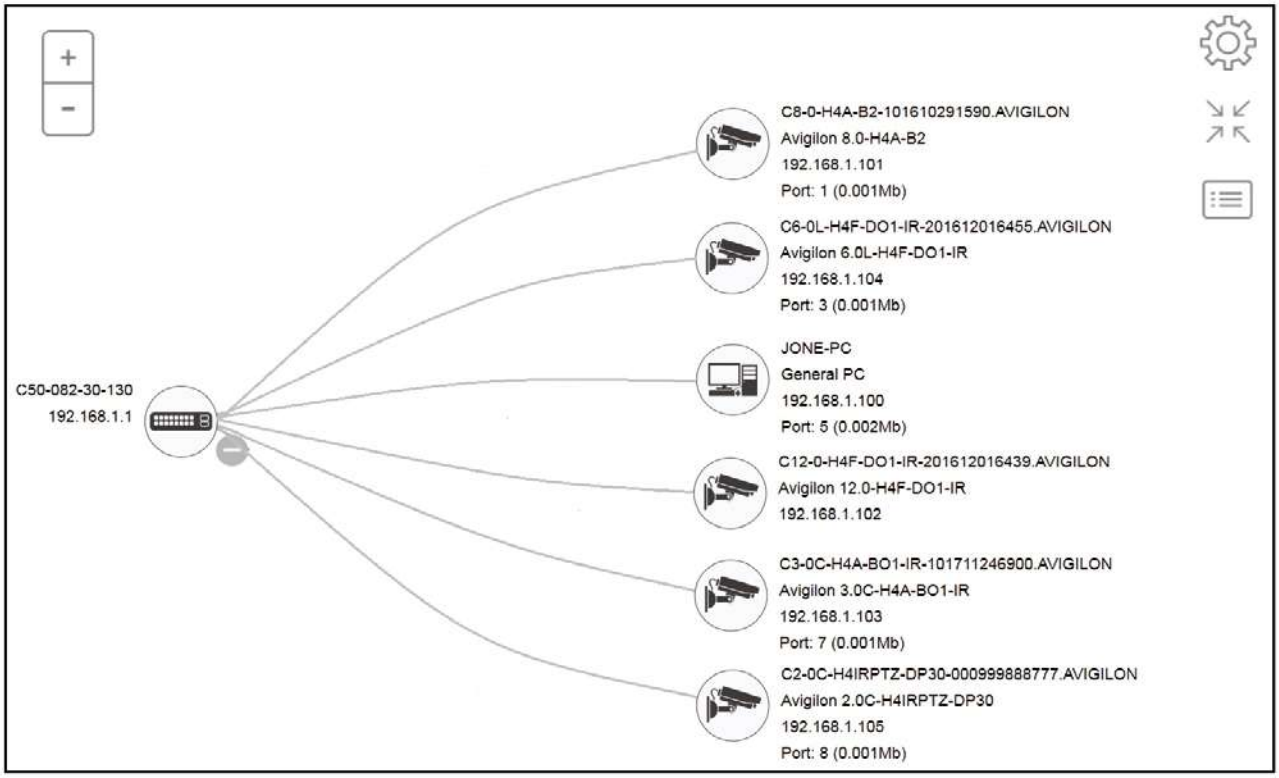
Field test



Testung Gears - SmartBits



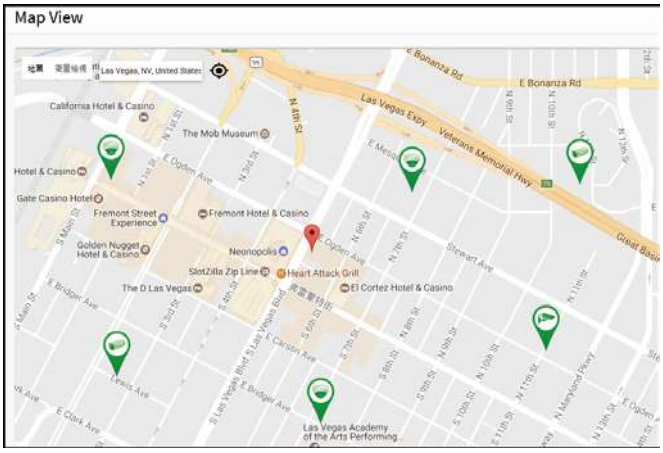
Topology View



Floor Map View



Google Map View



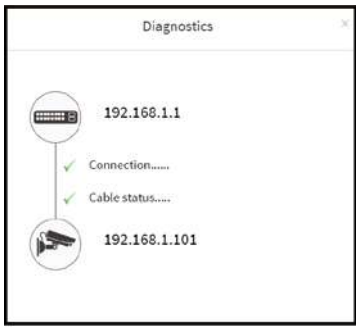
Device List

Remove	Status	Device Type	Model Name	Device Name	MAC	IP Address
	Online	IP Camera	Avigilon 8.0-H4A-B2	C8-0-H4A-B2-101610291590.AVIGILON	00-18-85-14-C6-B6	192.168.1.101
	Online	IP Camera	Avigilon 3.0C-H4A-BO1-IR	C3-0C-H4A-BO1-IR-101711246900.AVIGILON	00-18-85-1C-55-84	192.168.1.103
	Online	IP Camera	Avigilon 2.0C-H4IRPTZ-DP30	C2-0C-H4IRPTZ-DP30-000999888777.AVIGILON	00-1F-92-00-F4-16	192.168.1.105
	Online	IP Camera	Avigilon 12.0-H4F-DO1-IR	C12-0-H4F-DO1-IR-201612016439.AVIGILON	00-1F-92-01-C6-D7	192.168.1.102
	Online	IP Camera	Avigilon 6.0L-H4F-DO1-IR	C6-0L-H4F-DO1-IR-201612016455.AVIGILON	00-1F-92-01-C6-E7	192.168.1.104
	Online	PC	General PC	JONE-PC	94-DE-80-AC-23-11	192.168.1.100
	Online	SWITCH	C50-082-30-130	C50-082-30-130	68-8D-B6-00-02-76	192.168.1.1

Camera Dashboard









Industrial L2+ Gigabit Ethernet PoE Switch



H70-044-30

Features
- 4-port Gigabit 30W PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- L2+, ONVIF Controller
- 6KV PoE surge protection
- IEEE802.3at compliant
- Din-Rail design
- -40°C~75°C operating temperature



H70-044-60

Features
- 4-port Gigabit 60W PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- L2+, ONVIF Controller
- 6KV PoE surge protection
- IEEE802.3at compliant
- Din-Rail design
- -40°C~75°C operating temperature



H70-084-30

Features
- 8-port Gigabit 30W PoE + 4-port Gigabit SFP
- L2+, ONVIF Controller
- 6KV PoE surge protection
- IEEE802.3at compliant
- Din-Rail design
- -40°C~75°C operating temperature

Outdoor L2+ Gigabit Ethernet ONVIF PoE Switch



H80-044-30-150

Features
- 4-port Gigabit 30W PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- L2+, ONVIF Controller
- 6KV PoE surge protection
- 40KV AC power surge protection
- Outdoor IP67 rated, IK10 vandal proof



H80-044-60-250

Features
- 4-port Gigabit 60W PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP
- L2+, ONVIF Controller
- 6KV PoE surge protection
- 40KV AC power surge protection
- Outdoor IP67 rated, IK10 vandal proof



H80-084-30-250

Features
- 8-port Gigabit 30W PoE + 4-port Gigabit SFP
- L2+, ONVIF Controller
- 6KV PoE surge protection
- 40KV AC power surge protection
- Outdoor IP67 rated, IK10 vandal proof

L2 Gigabit Ethernet ONVIF PoE Switch



C50-082-30-130

Features
- 8-port Gigabit 30W PoE + 2-port Gigabit SFP
- L2, ONVIF Controller
- 6KV PoE surge protection
- IEEE802.3at compliant



C50-162-30-250

Features
- 16-port Gigabit 30W PoE + 2-port Gigabit SFP
- L2, ONVIF Controller
- 6KV PoE surge protection
- IEEE802.3at compliant



C50-242-30-370

Features
- 24-port Gigabit 30W PoE + 2-port Gigabit SFP
- L2, ONVIF Controller
- 6KV PoE surge protection
- IEEE802.3at compliant

L2+ Gigabit Ethernet ONVIF Switch



C70-00A-01

Features
- 8-port Gigabit + 2-port Gigabit Combo (RJ45/SFP)
- L2, ONVIF Controller
- IEEE 802.3az EEE standard for green power



C70-00E-01

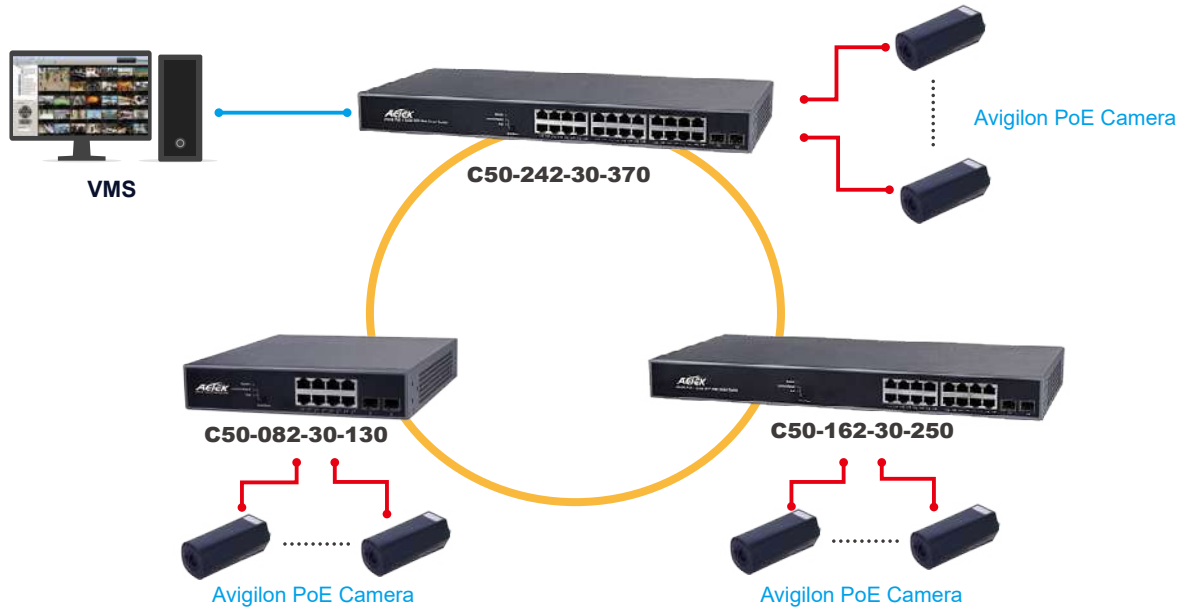
Features
- 24-port Gigabit + 2-port Gigabit Combo (RJ45/SFP)
- L2, ONVIF Controller
- IEEE 802.3az EEE standard for green power

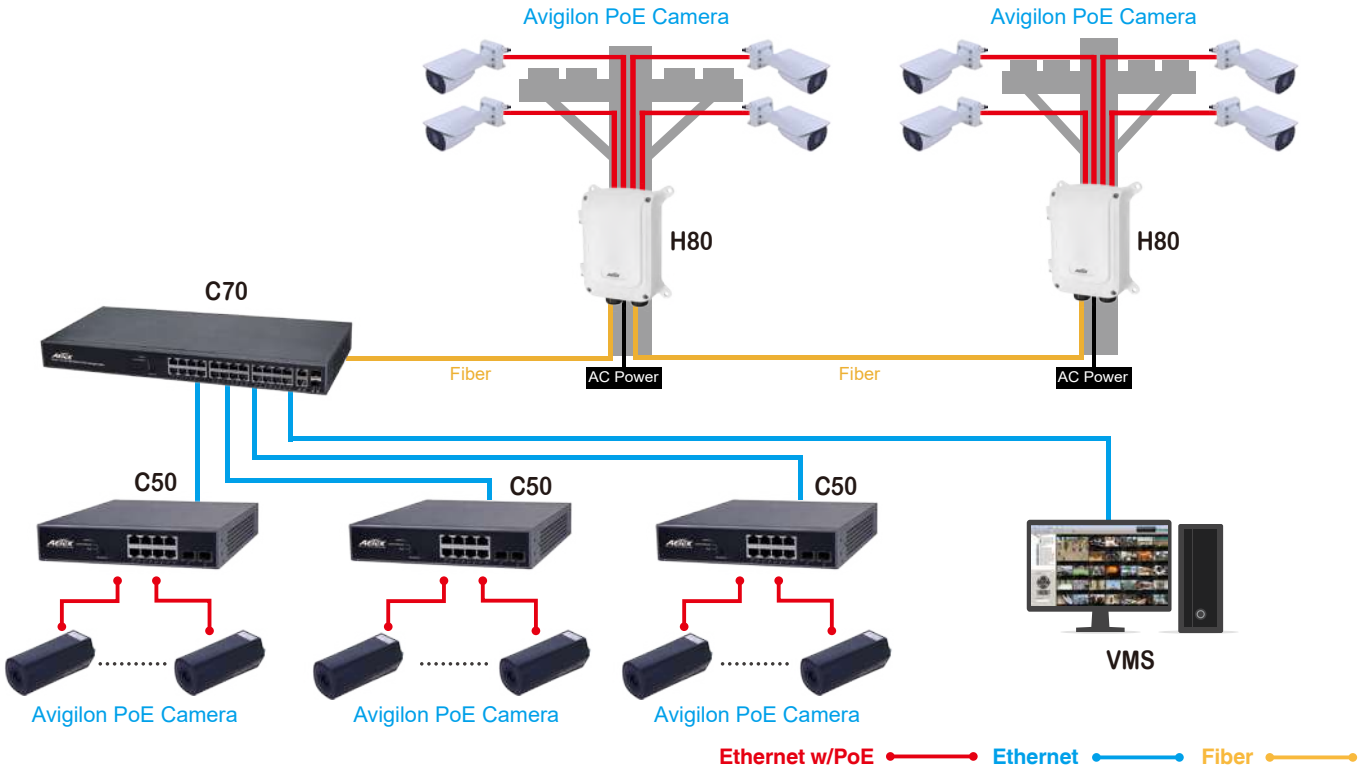


C70-00F-01

Features
- 20-port Gigabit SFP + 4-port Gigabit Combo (RJ45/SFP)+ 4-port 1G/10G SFP+
- L2, ONVIF Controller
- IEEE 802.3az EEE standard for green power
- Fast recover <20ms of R-ring

Applications













Ethernet Surge Protection | Blower | Anti-Icing | Demist | ITB for Vair IR | Adjustable Sunshield | 24VAC or 24VDC | 30/60/95W PoE | Operating -20~65°C | Cold Start -40°C | Wiper | Side Opening Alarm | IK10 | IP66 IP68

AETEK Camera Housing for Avigilon Camera



Avigilon H4 HD Camera
AETEK Camera Housing



Avigilon H4 PRO Camera
w/ Canon 70-200mm Lens
w/ AETEK Camera Housing



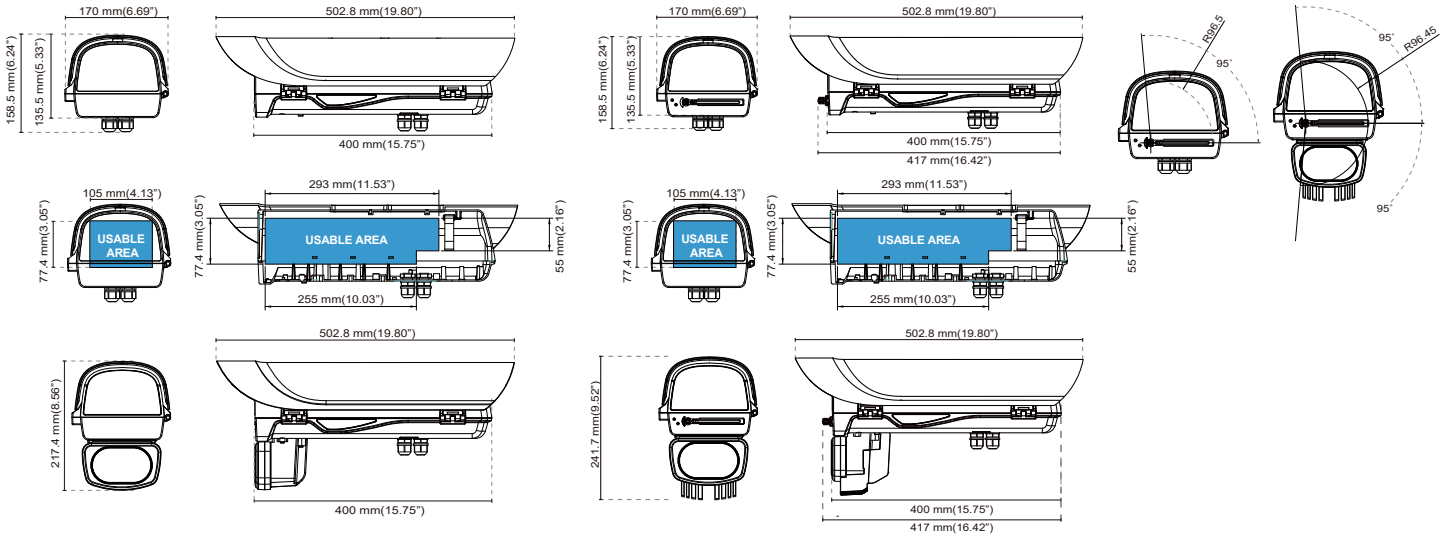
Avigilon H5A Box Camera
AETEK Camera Housing

Box Camera (H5A-B)	
2.0C-H5A-B1	2.0C-H5A-B2
4.0C-H5A-B2	4.0C-H5A-B3
6.0C-H5A-B2	8.0C-H5A-B2

AETEEK Camera Housing



Dimensions



Unique Features on Professional Camera Housings

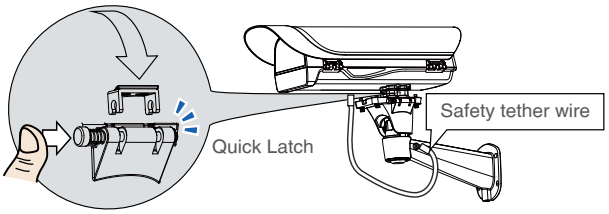
ITB(Illuminator Touch Board) for optional 6W/12W/24W/48W VAIR illuminator

Without exposing power cable & RS485 wire for illuminator



Optional BK-101 wall mount bracket

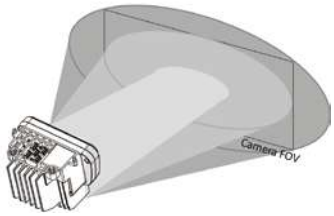
Safety tether wire & Quick latch for safety installation

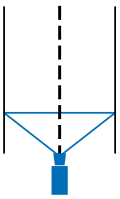


ITB for optional VAIR on Professional Models

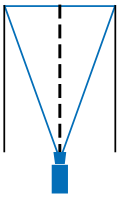
VAIR Illuminator Technology

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



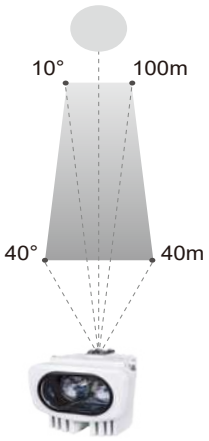


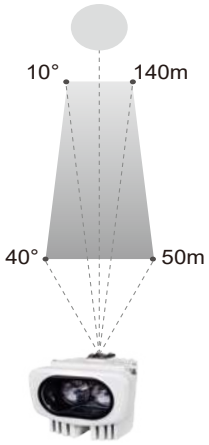
Wide angle for short distance

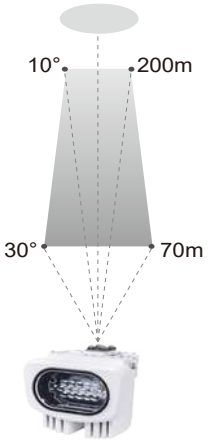


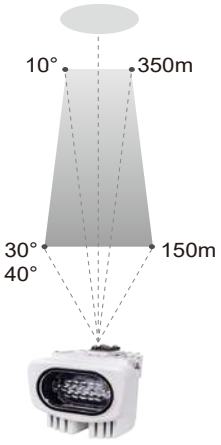
Tele angle for long distance

VR-060	VR-120	VR-241	VR-480/481
Snap-in 6W IR LEDs	Snap-in 12W IR LEDs	Snap-in 24W IR LEDs	Snap-in 48W IR LEDs









Optional Wiper & Water Tank





Video Clip Link

Professional Web Smart 24VAC Camera Housing



M2000-I

Features
- IP68/IK10
- Window heater & blower
- Adjustable sunshield
- Optional VAIR illuminator
- AC24V input
- Aluminum die casting body



M2000-IW

Features
- IP66/IK10
- Window heater & blower
- Adjustable sunshield
- Optional VAIR illuminator
- Wiper
- AC24V input
- Aluminum die casting body



M2000-AI

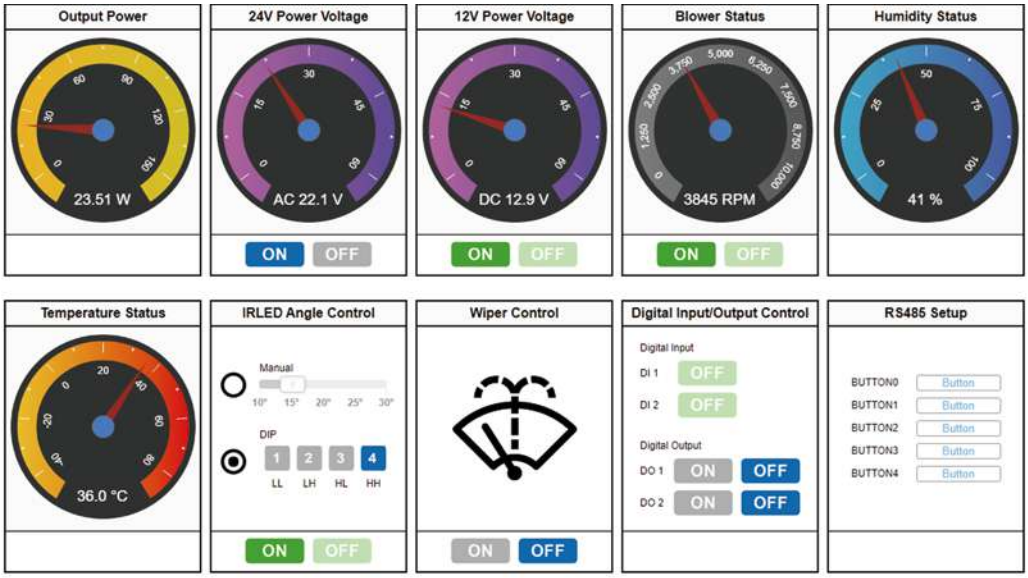
Features
- IP68/IK10
- Window heater & blower
- Adjustable sunshield
- Optional VAIR illuminator
- Arctic cold start heater at -40°C (operating temperature -50°C)
- AC24V input
- Aluminum die casting body



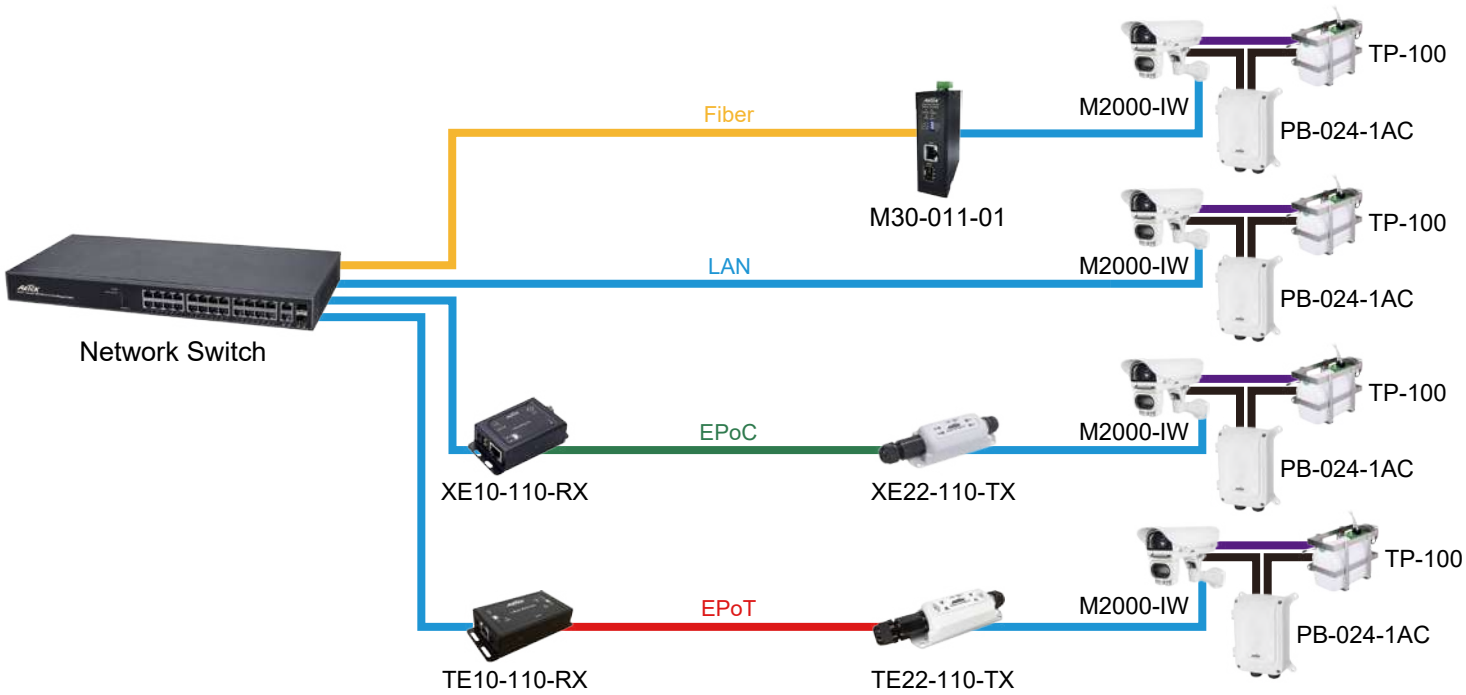
M2000-AIW

Features
- IP66/IK10
- Window heater & blower
- Adjustable sunshield
- Optional VAIR illuminator
- Arctic cold start heater at -40°C (operating temperature -50°C)
- Wiper
- AC24V input
- Aluminum die casting body

Web Smart Camera Housing Managed Web UI (M2000 Series)



Application



Professional Web Smart bt PoE Camera Housing



M6000-I

Features

- IP68/IK10
- Window heater & blower
- Adjustable sunshield
- 60W / 95W PoE input
- Optional VAIR Illuminator
- Aluminum die casting body

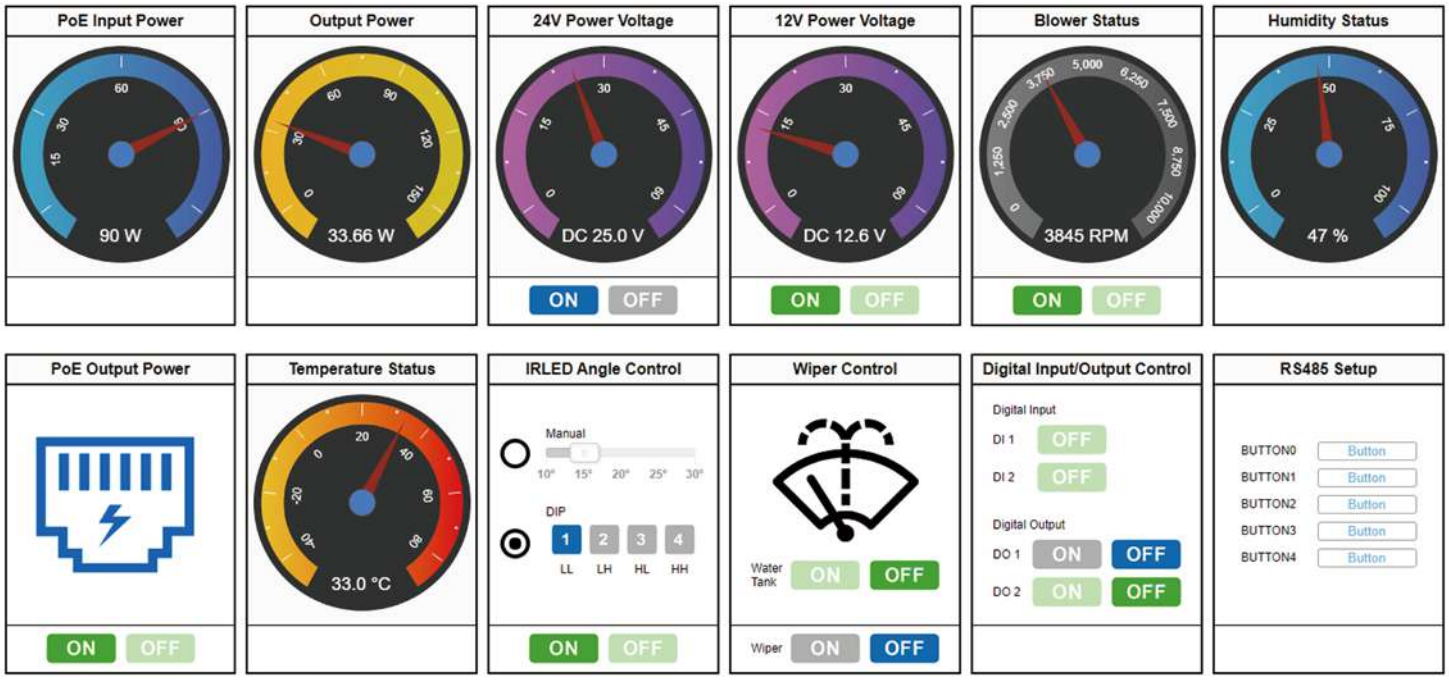


M6000-IW

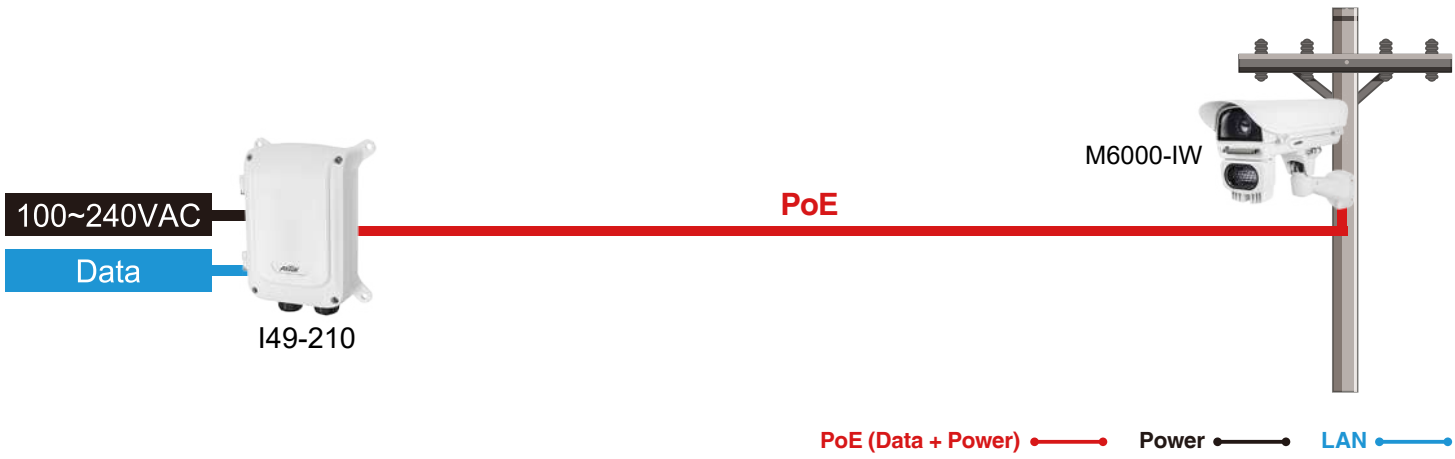
Features

- IP66/IK10
- Window heater & blower
- Adjustable sunshield
- 60W / 95W PoE input
- Optional VAIR Illuminator
- Wiper
- Aluminum die casting body

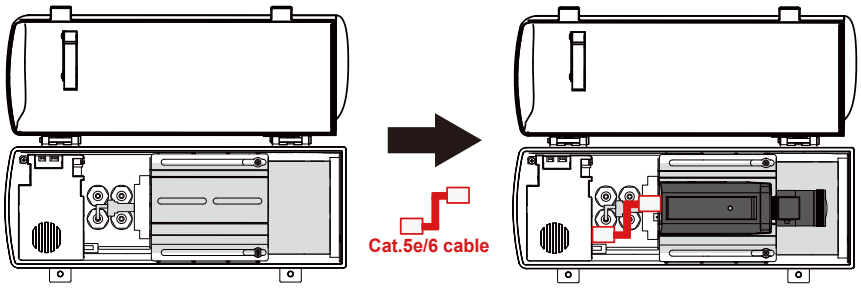
Web Smart Camera Housing Managed Web UI (M6000 Series)



Application



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



Professional Camera Housing P20 Series

P2000-I



P2000-AI



P2000-IW



P2000-AIW



Matrix Table

	24VAC (24VDC Optional) In	Window Heater	Camera Heater (-50°C ~50°C)	Adjustable Sunshield	Blower	ITB for Optional 6W VAIR IR	ITB for Optional 12/24W VAIR IR	ITB for Optional 48W VAIR IR	Side-Opening Alarm	Wiper	IP66	IP68
P2000-I	v	v	-	v	v	v	v	v	v	-	-	v
P2000-AI	v	v	v	v	v	v	v	v	v	-	-	v
P2000-IW	v	v	-	v	v	v	v	v	v	v	v	-
P2000-AIW	v	v	v	v	v	v	v	v	v	v	v	-

Professional Camera Housing P50/P60 Series

P5000-I



P6000-I



P6000-IW



Matrix Table

	PoE 30W In	PoE 60W/95W In	Window Heater	Adjustable Sunshield	Blower	ITB for Optional 6W VAIR IR	ITB for Optional 12/24W VAIR IR	ITB for Optional 48W VAIR IR	Side-Opening Alarm	Wiper	IP66	IP68
P5000-I	v	-	v	v	v	v	-	-	v	-	-	v
P6000-I	-	v	v	v	v	v	v(60W PoE)	v(95W PoE)	v	-	-	v
P6000-IW	-	v	v	v	v	v	v(60W PoE)	v(95W PoE)	v	v	v	-

Affordable Camera Housing A10/A50 Series

A1000



A1020



A5000



A5020



Matrix Table

	24VAC (24VDC Optional) In	PoE 30W In	Window Heater	Adjustable Sunshield	Blower	Built-in 6W Fixed IR	IP66	IP68
A1000	v	-	v	v	v	-	-	v
A1020	v	-	v	v	v	v(50m)	v	-
A5000	-	v	v	v	v	-	-	v
A5020	-	v	v	v	v	v(50m)	v	-











ANPR Camera Housing P29/P69 Series

P2900-IW Kit A



P2900-AIW Kit A



P6900-IW Kit A



Matrix Table

	24VAC (24VDC Optional) In	95W PoE in	Window Heater	Cold Start Heater (-50°C ~50°C)	Adjustable Sunshield	Blower	48W VAIR Illuminator	Side-Opening Alarm	Wiper	IP66
P2900-IW Kit A	v	-	v	-	v	v	v	v	v	v
P2900-AIW Kit A	v	-	v	v	v	v	v	v	v	v
P6900-IW Kit A	-	v	v	-	v	v	v	v	v	v

600m PoE Camera Housing over Coaxial Cable

A5000-E



A5020-E



A5100-E



Matrix Table

	EPoC In	MAX Distance	Output Power Budget	Germanium window	Window Heater	Adjustable Sunshield	Blower	Built-in 6W Fixed IR	6KV Surge Protection	IK10	IP66	IP68
A5000-E	v	600m(1,968ft)	20W	-	v	v	v	-	v	v	-	v
A5020-E	v	500m(1,640ft)	25W	-	v	v	v	50m (164ft)	v	v	v	-
A5100-E	v	600m(1,968ft)	25W	v	-	v	v	-	v	v	-	v

600m PoE Camera Housing over Cat.5e / Cat.6 Cable

A5000-T



A5020-T



A5100-T

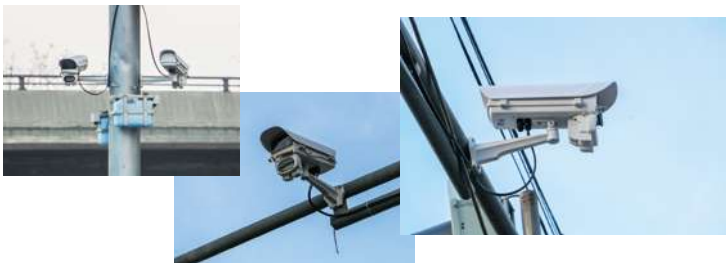


Matrix Table

	EPoT In	MAX Distance	Output Power Budget	Germanium window	Window Heater	Adjustable Sunshield	Blower	Built-in 6W Fixed IR	6KV Surge Protection	IK10	IP66	IP68
A5000-T	v	600m(1,968ft)	20W	-	v	v	v	-	v	v	-	v
A5020-T	v	500m(1,640ft)	25W	-	v	v	v	50m (164ft)	v	v	v	-
A5100-T	v	600m(1,968ft)	20W	v	-	v	v	-	v	v	-	v







AISI 316L Stainless Steel AC24V Camera Housing

S1000



S2000-I



S2000-IW



Matrix Table

	24VAC (24VDC Optional) In	Window Heater	Adjustable Sunshield	Blower	12W VAIR IR	Wiper	IP66	IP68
S1000	v	v	v	v	-	-	-	v
S2000-I	v	v	v	v	v	-	-	v
S2000-IW	v	v	v	v	v	v	v	-

AISI 316L Stainless Steel PoE Camera Housing

S5000



S6000-I



S6000-IW



Matrix Table

	PoE 30W In	PoE 60W/95W In	Window Heater	Adjustable Sunshield	Blower	12W VAIR IR	Wiper	IP66	IP68
S5000	v	-	v	v	v	-	-	-	v
S6000-I	-	v	v	v	v	v(60W PoE)	-	-	v
S6000-IW	-	v	v	v	v	v(60W PoE)	v	v	-

600m PoE over Coaxial Cable Camera Housing

S5000-E



S5000-EI



S5100-E



Matrix Table

	EPoT In	MAX Distance	Output Power Budget	Germanium window	Window Heater	Adjustable Sunshield	Blower	Built-in 6W Fixed IR	6KV Surge Protection	IK10	IP66	IP68
S5000-E	v	600m(1,968ft)	20W	-	v	v	v	-	v	v	-	v
S5000-EI	v	500m(1,640ft)	25W	-	v	v	v	50m (164ft)	v	v	v	-
S5100-E	v	600m(1,968ft)	20W	v	-	v	v	-	v	v	-	v

600m PoE over UTP/STP Cable Camera Housing

S5000-T



S5000-TI



S5100-T

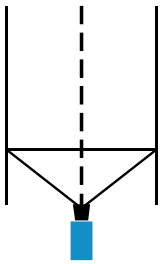


Matrix Table

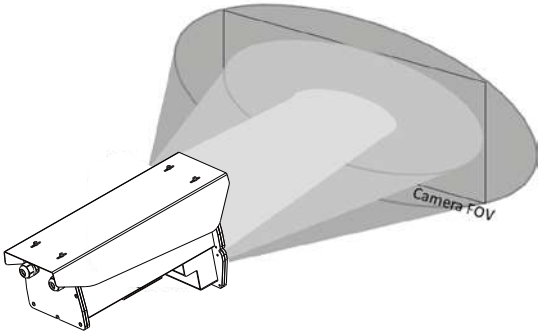
	EPoT In	MAX Distance	Output Power Budget	Germanium window	Window Heater	Adjustable Sunshield	Blower	Built-in 6W Fixed IR	6KV Surge Protection	IK10	IP66	IP68
S5000-T	v	600m(1,968ft)	20W	-	v	v	v	-	v	v	-	v
S5000-TI	v	500m(1,640ft)	25W	-	v	v	v	50m (164ft)	v	v	v	-
S5100-T	v	600m(1,968ft)	20W	v	-	v	v	-	v	v	-	v

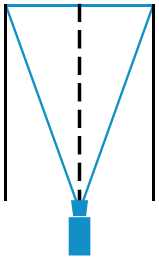
VAIR Illuminator Technology

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

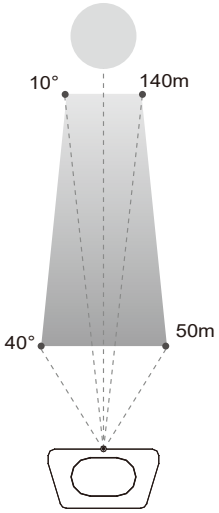


Wide angle for short distance

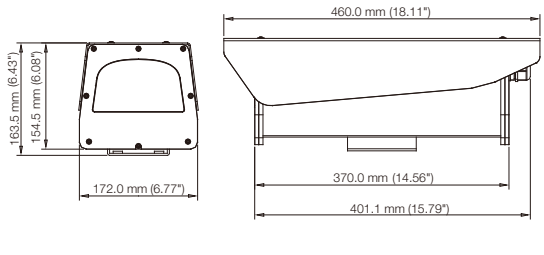


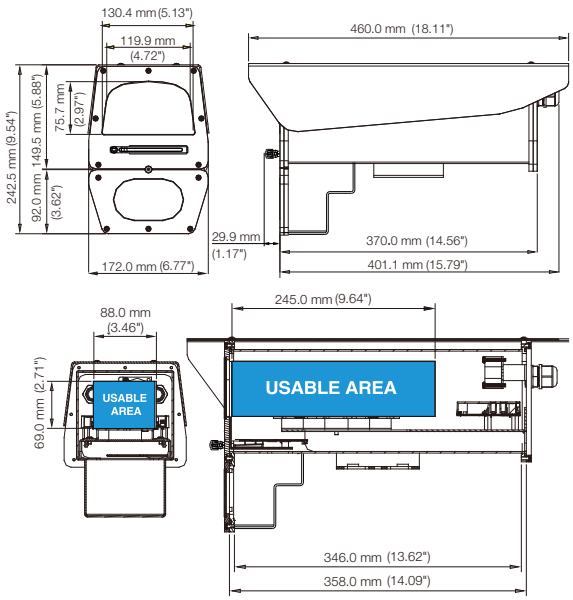


Tele angle for long distance



AISI 316L Stainless Steel Dimensions





Related Product

Wall Mount Bracket



BK-103

AISI 316L Stainless Steel
Wall Mount Bracket

Water Tank & Pump (For -W model)



TP-100

Stainless Steel
10L Water Tank & Pump

Pole Mount



AT-102

AISI 316L Stainless steel
Pole Mount Adapter

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