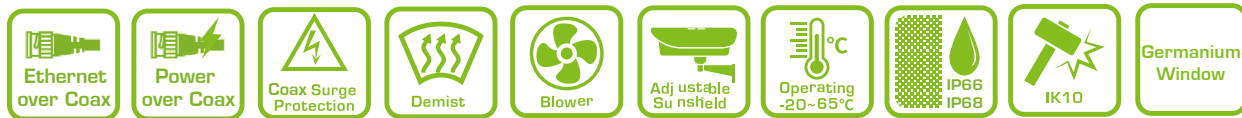


# A5000-E A5020-E A5100-E



## Long Range EPoC Camera Housing

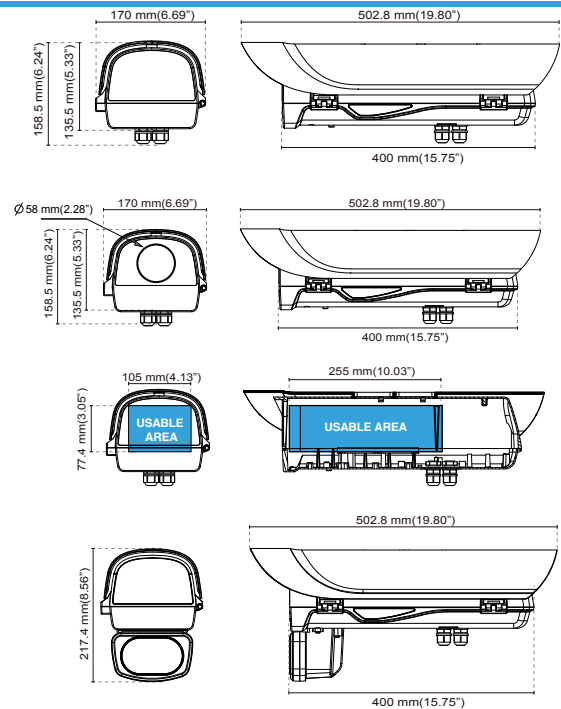


**EPoC (Ethernet & Power over Coax)** Camera Housing is a long-reach solution providing Fast Ethernet and PoE over coaxial cable up to 20W@600m(1968ft) or 25W@500m(1640ft) for any brand of PoE IP box camera. A5x-E Camera Housing also is often used to upgrade legacy of CCTV to IP surveillance without changing pre-deployed RG59-U/RG6/RG11 coax. Built-in 6KV surge protection is standard specification in A5x-E Camera Housing for outdoor environment

### Features

- Long Range EPoC input
- Upgrades analog CCTV into IP surveillance supporting long range Ethernet and power over legacy RG59 or new RG6/RG11 coaxial cable
- IP66 standard (A5020-E)
- IP68 standard (A5000-E,A5100-E)
- IK10 impact rated cast aluminum housing
- Window heater for demisting & deicing
- Blower support
- Built-in IR LEDs viewing up to 50m (A5020-E)
- Germanium window (A5100-E)

### Dimensions



### 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(1968ft)	20W	-	v	v	v	-	v	v	-	v
A5020-E	v	500m(1640ft)	25W	-	v	v	v	50m (164ft)	v	v	v	-
A5100-E	v	600m(1968ft)	20W	v	-	v	v	-	v	v	-	v

## Specifications

	A5000-E	A5020-E	A5100-E
<b>Electrical Specifications</b>			
Input Voltage	EPoC	EPoC	EPoC
Output Power Budget	20W @600m	25W @500m	20W @600m
12VDC Output Power Budget	12W	12W	12W
Camera Power Input	PoE	PoE	PoE
Surge Protection	BNC Port : 6KV	BNC Port : 6KV	BNC Port : 6KV
IR LEDs Range	-	Up to 50m	-
Power Consumption	Window Heater: 10W Blower: 2W Camera: 6 ~ 8W	Window Heater: 10W Blower: 2W Camera: 6 ~ 8W IR LEDs: 6W	Blower: 2W Camera: 6 ~ 8W
<b>Housing's Window</b>			
Window	-	-	Germanium window
Usable diameter	-	-	58mm (2.28in)
Thick	-	-	2mm (0.08in)
External treatment	-	-	antiscratch (Hard Carbon Coating - DLC), antireflection
Internal treatment	-	-	antireflection
Spectral range	-	-	from 7.5μm up to 14μm
Medium transmittance (from 7.5μm up to 11.5μm)	-	-	90%
Medium transmittance (from 11.5μm up to 14μm)	-	-	77%
<b>Environmental Specifications</b>			
Operating Temperature*	-20°C ~ 65°C (-4°F ~ 149°F)	-20°C ~ 65°C (-4°F ~ 149°F)	-20°C ~ 65°C (-4°F ~ 149°F)
Heater ON / OFF	≤ 30°C (86°F) ON ≥ 35°C (95°F) OFF	≤ 30°C (86°F) ON ≥ 35°C (95°F) OFF	≤ 30°C (86°F) ON ≥ 35°C (95°F) OFF
Blower ON / OFF	≥ 40°C (104°F) ON ≤ 35°C (95°F) OFF	≥ 40°C (104°F) ON ≤ 35°C (95°F) OFF	≥ 40°C (104°F) ON ≤ 35°C (95°F) OFF
Weather Rating	IP68	IP66	IP68
Vandal Proof	IK10 Impact Rated on Cast Aluminum Housing	IK10 Impact Rated on Cast Aluminum Housing	IK10 Impact Rated on Cast Aluminum Housing
<b>Mechanical Specifications</b>			
Body Material	Cast Aluminum	Cast Aluminum	Cast Aluminum
Body Weight	2.2 kg (4.85 lb)	2.8 kg (6.18 lb)	2.2 kg (4.85 lb)
Cable Grants	M16 x 4	M16 x 4	M16 x 4






\* Inside camera specification must be within housing's operating temperature.

## Accessories







### Brackets

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

### Adapters

Pole Mount		Corner Mount	Fit
			
<b>AT-100</b> Pole Mount Adapter	<b>AT-101</b> Pole Mount Adapter	<b>AT-200</b> Corner Mount Adapter	

### Junction Box

Wall Mount	Fit
	 <b>BK-101</b>
	 <b>BK-102</b>
	 <b>AT-100</b>
	 <b>AT-101</b>
	 <b>AT-200</b>

EPoC RX Adapter Series



**XE10-110-RX**

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



**XE11-110-RX**

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

EPoC RX Switch



**XC10-041-250**

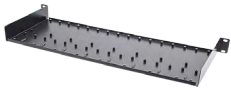
- Four BNC coax ports & one LAN port
- Playing RX mode
- PoE pass through coax to remote PoE IP camera
- 6KV Surge Protection for coax port
- 250W Power Supply, 100~240VAC input
- Back-up 56VDC power input
- 19" Rack mount bracket

Accessories



**CH-100**

- 19", 1U 4-bay rack mount chassis
- Works with XE10-110-RX & 65W power adapter



**CH-110**

- 19", 1U 8-bay rack mount chassis
- Works with XE11-110-RX



**I36-100**

- 60W UPoE Injector
- works with XE11-110-RX



**SD-301**

- EPoC Surge Protector
- 6KV Surge Protection



**H30-044-90**

- 60W/95W UPoE Switch
- works with XE11-110-RX