

A5000-E A5020-E A5100-E



Long Range EPoC Camera Housing

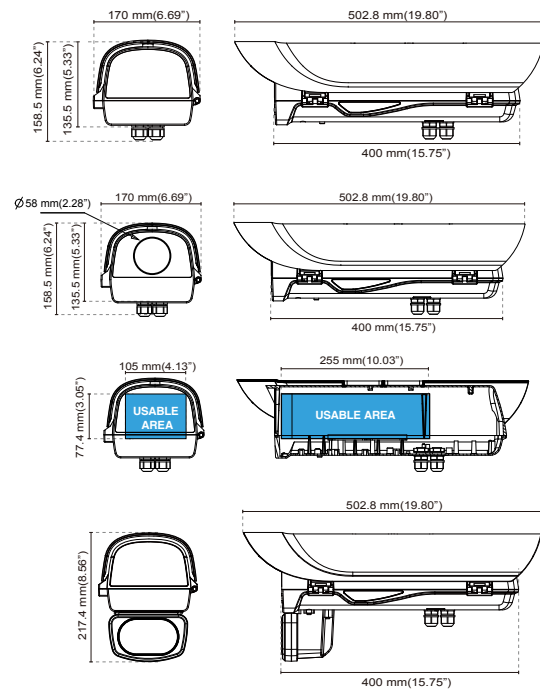


EPoC (Ethernet & Power over Coax) Camera Housing is a long-reach solution providing Fast Ethernet and PoE over coaxial cable up to 20W@600m(1968ft) or 25W@500m(1640ft) for any brand of PoE IP box camera. A5x-E Camera Housing also is often used to upgrade legacy of CCTV to IP surveillance without changing 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	✓	600m(1968ft)	20W	-	✓	✓	✓	-	✓	✓	-	✓
A5020-E	✓	500m(1640ft)	25W	-	✓	✓	✓	50m (164ft)	✓	✓	✓	-
A5100-E	✓	600m(1968ft)	20W	✓	-	✓	✓	-	✓	✓	-	✓

Specifications

	A5000-E	A5020-E	A5100-E
Electrical Specifications			
Input Voltage	EPoC	EPoC	EPoC
Output Power Budget	20W @600m	25W @500m	20W @600m
12VDC Output Power Budget	12W	12W	12W
Camera Power Input	Passive PoE (Compliant IEEE 802.3af PoE)	Passive PoE (Compliant IEEE 802.3af PoE)	Passive PoE (Compliant IEEE 802.3af 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
Housing's Window			
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%
Environmental Specifications			
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
Mechanical Specifications			
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
				
BK-101 Wall Mount Bracket Safety Wire Concealing Cable	BK-102 Wall Mount Bracket	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	AT-200 Corner Mount Adapter	

Junction Box

Wall Mount	Fit
	 BK-101
	 BK-102
	 AT-100
	 AT-101
	 AT-200

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-V2 • 19", 1U 4-bay rack mount chassis • Works with XE10-110-RX & 65W power adapter CH-110-V2 • 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