

A50 series

Affordable PoE+ Camera Housing



A5000



A5020



AETEK, a professional camera housing manufacturer, provides a series of robust outdoor surveillance housings which are compatible with most of today's IP and analog box cameras. The camera housings are constructed from cast aluminum to meet IP66/IP68, and IK10 standards. The housings can even support cameras equipped with wide-angle lenses or long-distant remote focus lenses.

The A50 series is affordable models are powered PoE at 30W input and all are equipped with heater and blower to demist and deice for window. A5020 is designed with add-on illuminator, is a real plug and play over a single network cable to work with camera.

Features

- IP66 standard (A5020)
- IP68 standard (A5000)
- IK10 impact rated cast aluminum housing
- Window heater & blower enable demisting / deicing for window
- Adjustable sunshield
- Accommodates box camera equipped with wide-angle lens & long-distance lens (8-80 mm)
- Supported PoE at 30W power input
- Built-in IR LEDs viewing up to 50m (A5020 only)
- Plug-and-play over a single network cable



AETEK A5020 housing + BK-101 Wall mount bracket + Sunshield



AXIS Q1635 + 8 – 80mm varifocus lens

A50 Series Matrix Table

	24VAC In	PoE 30W In	PoE 30/60/95W In	Window Heater	Camera Heater (-50°C ~50°C)	Adjustable Sunshield	Blower	Built-in 6W Fixed IR	ITB for Optional 6W/12W/24W/48W VAIR LEDs	Side-Opening Alarm	Wiper	IP66	IP68
A5000	-	v	-	v	-	v	v	-	-	-	-	-	v
A5020	-	v	-	v	-	v	v	v(50m)	-	-	-	v	-

Specifications

	A5000	A5020
Electrical Specifications		
Input Voltage	PoE at 50~57VDC	PoE at 50~57VDC
Max Output Power Budget	25 W thru 30W PoE PSE	25 W thru 30W PoE PSE
12VDC Output Power Budget	12W	12W
Camera Power Input	PoE	PoE
IR LEDs Range	-	Up to 50m
Power Consumption	Window Heater: 5W Blower: 2W Camera: 6 ~ 8W	Window Heater: 5W Blower: 2W Camera: 6 ~ 8W IR LEDs: 8W
Environmental Specifications		
Operating Temperature*	-20°C ~ 65°C (-4°F ~ 149°F)	-20°C ~ 50°C (-4°F ~ 122°F)
Window Heater ON / OFF	≤ 20°C (68°F) ON ≥ 30°C (86°F) OFF	≤ 20°C (68°F) ON ≥ 30°C (86°F) OFF
Blower ON / OFF	≥ 35°C (95°F) ON ≤ 25°C (77°F) OFF	≥ 35°C (95°F) ON ≤ 25°C (77°F) OFF
Weather Rating	IP68	IP66
Vandal Proof	IK10 Impact Rated on Cast Aluminum Housing	IK10 Impact Rated on Cast Aluminum Housing
Mechanical Specifications		
Body Material	Cast Aluminum	Cast Aluminum
Body Weight	2.2 kg (4.84 lb)	2.2 kg (4.84 lb)
Cable Grants	M16 x 4	M16 x 4
IR LEDs Dimension	-	135 x 88 x 87 mm (5.32x3.47x3.43")
IR LEDs Weight	-	0.34 kg (0.75 lb)






* 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
	
	
	
	
	

PoE Switches

Outdoor Unmanaged PoE Switch	Outdoor PoECam L2 Plus Managed Switch
	
H40-044-30-150 <ul style="list-style-type: none"> 4xGbE PoE (30W) + 2xGbE SFP + 2xGbE RJ45 100~240VAC, 150W Power Budget 	H80-044-30-150 <ul style="list-style-type: none"> 4xGbE PoE (30W) + 2xGbE SFP + 2xGbE RJ45, 1xConsole, 1xDI/DO 100~240VAC, 150W Power Budget
H40-082-30-250 <ul style="list-style-type: none"> 8xGbE PoE (30W) + 2xGbE SFP 100~240VAC, 250W Power Budget 	H80-084-30-250 <ul style="list-style-type: none"> 8xGbE PoE (30W) + 4xGbE SFP, 1xConsole, 1xDI/DO 100~240VAC, 250W Power Budget

Dimensions

