

# 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 30/60/90W In	Window Heater	Camera Heater (-50°C ~50°C)	Adjustable Sunshield	Blower	Built-in 6W Fixed IR	ITB for Optional 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
<b>Electrical Specifications</b>		
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
<b>Environmental Specifications</b>		
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
<b>Mechanical Specifications</b>		
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
				
<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
	
	
	
	
	

### PoE Switches

Outdoor IP67/IK10 Unmanaged PoE Switch	Outdoor IP67/IK10 L2 PRO Gigabit Ethernet PoE Switch
	
<b>H40-044-30-150-V3</b> <ul style="list-style-type: none"> <li>4xGbE PoE (30W) + 2xGbE SFP + 2xGbE RJ45</li> <li>100~240VAC, 150W Power Budget</li> </ul>	<b>H60-044-30-150</b> <ul style="list-style-type: none"> <li>Supports NTS</li> <li>4-port Gigabit 30W PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP</li> <li>100~240VAC, 150W Power Budget</li> </ul>
<b>H40-082-30-250-V3</b> <ul style="list-style-type: none"> <li>8xGbE PoE (30W) + 2xGbE SFP</li> <li>100~240VAC, 250W Power Budget</li> </ul>	<b>H60-084-30-250</b> <ul style="list-style-type: none"> <li>Supports NTS</li> <li>8-port Gigabit 30W PoE + 4-port Gigabit SFP</li> <li>100~240VAC, 250W Power Budget</li> </ul>

## Dimensions

