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



Avigilon 8.0-H4A-B2 IP Camera



Avigilon H4 PRO Camera

A50 Series Matrix Table

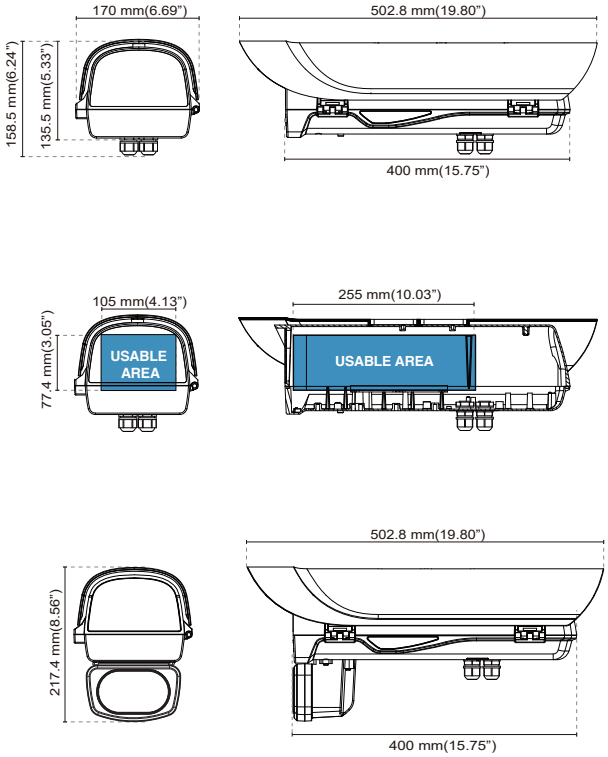
	AC24V In	PoE 30W In	PoE 30/60/95W In	Window Heater	Camera Heater (-50°C ~50°C)	Adjustable Sunshield	Blower	Built-in 6W Fixed IR	ITB for Optional 6W/12W/24W/48W VAIR LEDs	Side-Opening Alarm	Wiper	IP66	IP68
A5000	-	v	-	v	-	v	v	-	-	-	-	-	v
A5020	-	v	-	v	-	v	v	v(50m)	-	-	-	v	-

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
DC12V 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.

Dimensions



Accessories

Brackets

Wall Mount



BK-101
Wall Mount Bracket
Saftey Wire
Concealing Cable



BK-102
Wall Mount Bracket

Ceiling Mount



BK-200
J-type
Ceiling Mount Bracket



BK-201
Flexible J-type
Ceiling Mount Bracket

Standing Mount



BK-300
Standing Mount Bracket

Adapters

Pole Mount



AT-100
Pole Mount Adapter



AT-101
Pole Mount Adapter

Corner Mount



AT-200
Corner Mount Adapter

Fit



BK-101



BK-102

Junction Box

Wall Mount



JB-100
Junction Box

Fit



BK-101



BK-102



AT-100



AT-101



AT-200

PoE Switches

Outdoor Unmanaged PoE Switch



H40-044-30-150
- 4xGbE PoE (30W) + 2xGbE SFP + 2xGbE RJ45
- 100~240VAC, 150W Power Budget

H40-082-30-250
- 8xGbE PoE (30W) + 2xGbE SFP
- 100~240VAC, 250W Power Budget

Outdoor PoECam L2 Plus Managed Switch



H80-044-30-150
- 4xGbE PoE (30W) + 2xGbE SFP + 2xGbE RJ45, 1xConsole, 1xDI/DO
- 100~240VAC, 150W Power Budget

H80-084-30-250
- 8xGbE PoE (30W) + 4xGbE SFP, 1xConsole, 1xDI/DO
- 100~240VAC, 250W Power Budget

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