

A10 series

Affordable 24VAC/DC Camera Housing



A1000



A1020



AETEK, a professional camera housing manufacturer, introduces a new series of robust outdoor surveillance housings which are compatible with most of today's box/fix cameras, including wide-angle lenses or long-distant lenses. The camera enclosures are constructed from cast aluminum to meet IP66/IP68, and IK10 standards.

The A10 series of affordable models, are supported by 24VAC/DC input and all are equipped with heater and blower to demist and deice for window. Additionally, the A1020 is designed with a built-in IR illuminator.

Features

- IP68 standard (A1000)
- IP66 standard (A1020)
- IK10 impact rated cast aluminum housing
- Window heater & blower enable demisting / deicing for window
- Adjustable sunshield
- Accommodates box cameras equipped with wide-angle lens & long-distance remote focus lens (8-80 mm)
- Supported 24VAC/DC power input
- Built-in IR LEDs viewing up to 50m (A1020 only)



AETEK A1020 housing + BK-101 wall mount bracket + Sunshield



AXIS Q1635 + 8 – 80mm varifocal lens

A10 Series Matrix Table

	24VAC/DC In	PoE 30W In	PoE 30/60/90W In	Window Heater	Camera Heater	Adjustable Sunshield	Blower	Built-in 6W Fixed IR	ITB for Optional 24W/48W VAIR LEDs	Side-Opening Alarm	Wiper	IP66	IP68
A1000	v	-	-	v	-	v	v	-	-	-	-	-	v
A1020	v	-	-	v	-	v	v	v(50m@25°)	-	-	-	v	-

Specifications

	A1000	A1020
Electrical Specifications		
Input Voltage	24VAC / DC	24VAC / DC
12VDC Output Power Budget	30W	30W
24VAC/DC Output Power Budget	48W	48W
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
Environmental Specifications		
Operating Temperature*	-20°C ~ 65°C (-4°F ~ 149°F)	-20°C ~ 50°C (-4°F ~ 122°F)
Window Heater ON / OFF	<30°C (86°F) ON	<30°C (86°F) ON
Blower ON / OFF	>30°C (86°F) ON	>30°C (86°F) ON
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 (4.85 lb)	2.48 kg (5.46 lb)
Cable Grants	M16 x 4	M16 x 4
IR LEDs Dimensions	-	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
	
	
	
	
	

Power Boxes

Outdoor Power Box	Outdoor Power Box / Junction Box
	
PB-024-1AC Outdoor Power Box • IP67/IK10 • 115VAC / 230VAC Input • 24VAC/6A Output • -40°C ~ 60°C	PB-024-2AC Outdoor Power/Junction Box • IP67/IK10 • 115VAC / 230VAC Input • 24VAC/6A Output • -40°C ~ 60°C

Dimensions

