

P20 series

Professional AC24V (DC24V Optional) Camera Housing



P2000-I / P2000-AI



P2000-IW / P2000-AIW



AETEK, a professional camera housing manufacturer, provides a series of rugged 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 housing can even support cameras equipped with wide-angle lenses or long-distant remote focus lenses.

The P20 series supported AC24V (DC24V Optional) power input are professional models, all of which are equipped with window heater & blower. Additionally, more features such as a side-opening alarm switch, an adjustable sunshield, and an ITB (Illuminator Touch Board) concealing the wiring for optional vari-IR illuminator let the P20 applied onto long-ranged IP surveillance day & night.

Some models also offer a built-in wiper or -40°C cold start.

Features

- IP66 standard (P2000-IW, P2000-AIW)
- IP68 standard (P2000-I, P2000-AI)
- IK10 impact rated cast aluminum housing
- Heater & blower enable demisting / deicing for window
- Adjustable sunshield
- Side-opening alarm switch
- ITB (Illuminator Touch Board) snaps IR LEDs directly to the housing & conceals the wiring
- Accommodates box cameras equipped with wide-angle lenses & long-distance remote focus lenses (8-80 mm)
- Built-in wiper (P2000-IW, P2000-AIW)
- Camera heater supports cold start at -40°C (P2000-AI, P2000-AIW)



P2000-I Camera housing +
VR-481 VAIR LEDs +
BK-101 Wall mount bracket
concealing cable



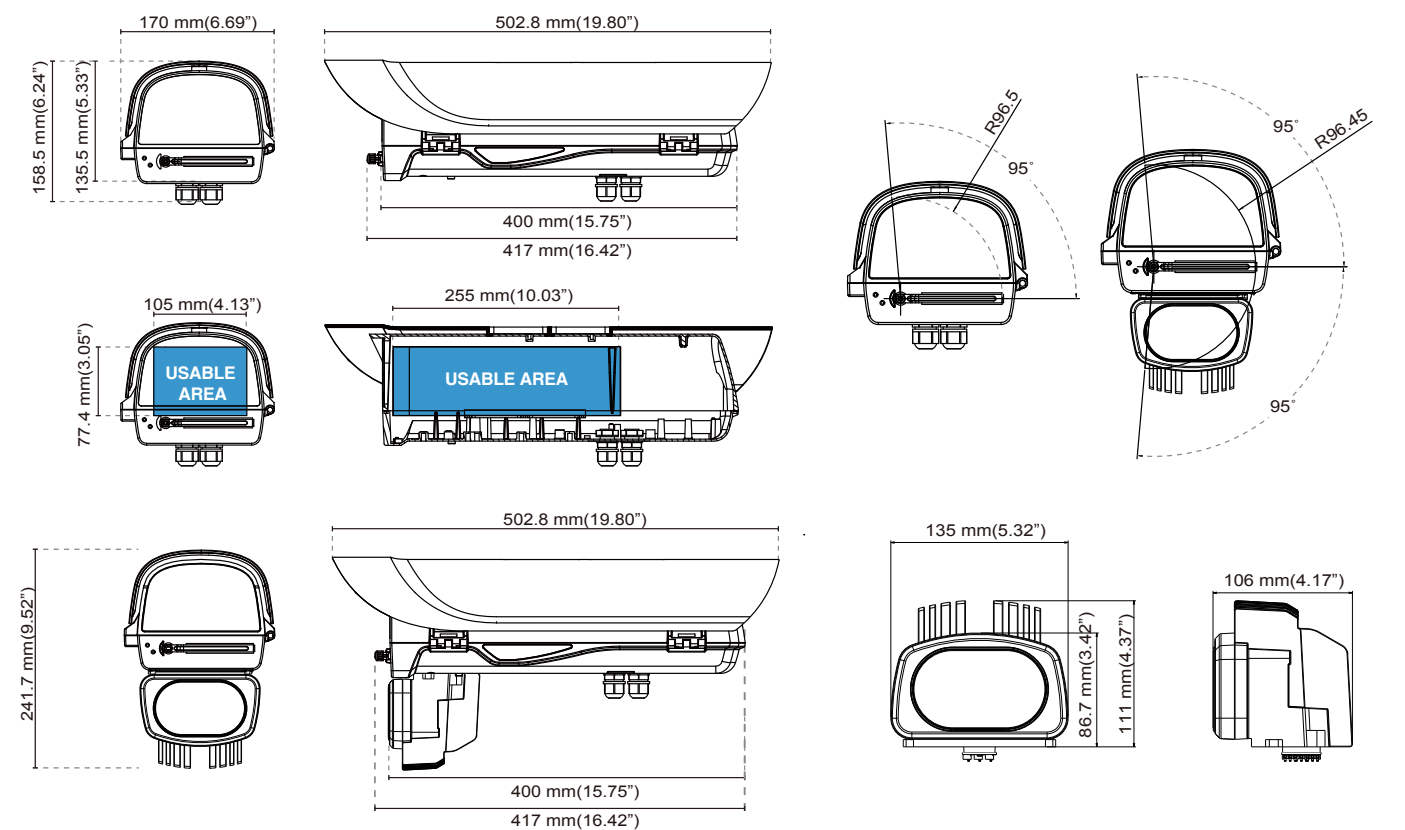
AXIS Q1635+ 8 - 80mm
varifocal lens

Specifications

	P2000-I	P2000-AI	P2000-IW	P2000-AIW
Electrical Specifications				
Input Voltage	AC24V (DC24V Optional)	AC24V (DC24V Optional)	AC24V (DC24V Optional)	AC24V (DC24V Optional)
DC24V Output Power Budget	30W	30W	30W	30W
AC24V Output Power Budget	80W	80W	80W	80W
Power Consumption	Window Heater: 10W Blower: 2W Camera: 6 ~ 8W	Window Heater: 10W Cold Start Heater: 30W Blower: 2W Camera: 6 ~ 8W	Window Heater: 10W Blower: 2W Camera: 6 ~ 8W Wiper: 6 W	Window Heater: 10W Cold Start Heater: 30W Blower: 2W Camera: 6 ~ 8W Wiper: 6W
Optional VAIR LEDs Power Consumption	VR-060: 6W VR-120: 12W VR-240: 24W VR-480: 48W	VR-060: 6W VR-120: 12W VR-240: 24W VR-480: 48W	VR-060: 6W VR-120: 12W VR-240: 24W VR-480: 48W	VR-060: 6W VR-120: 12W VR-240: 24W VR-480: 48W
Optional 10L Water Tank & Pump for P2000-IW & P2000-AIW	-	-	TP-100: 12W	TP-100: 12W
Environmental Specifications				
Operating Temperature*	20°C ~ 65°C (-4°F ~ 149°F) -20°C ~ 50°C (w/IR LEDs)	-50°C ~ 65°C (-58°F ~ 149°F) -50°C ~ 50°C (w/IR LEDs) Cold Startup: -40°C (-40°F)	20°C ~ 65°C (-4°F ~ 149°F) -20°C ~ 50°C (w/IR LEDs)	-50°C ~ 65°C (-58°F ~ 149°F) -50°C ~ 50°C (w/IR LEDs) Cold Startup: -40°C (-40°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	≤ 20°C (68°F) ON ≥ 30°C (86°F) OFF	≤ 20°C (68°F) ON ≥ 30°C (86°F) OFF
Cold Start Heater ON/OFF	-	≤ 0°C (32°F) ON ≥ 5°C (41°F) OFF	-	≤ 0°C (32°F) ON ≥ 5°C (41°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	≥ 35°C (95°F) ON ≤ 25°C (77°F) OFF	≥ 35°C (95°F) ON ≤ 25°C (77°F) OFF
Weather Rating	IP68	IP68	IP66	IP66
Vandal Proof	IK10 Impact Rated on Cast Aluminum Housing	IK10 Impact Rated on Cast Aluminum Housing	IK10 Impact Rated on Cast Aluminum Housing	IK10 Impact Rated on Cast Aluminum Housing
Mechanical Specifications				
Body Construction	Cast Aluminum	Cast Aluminum	Cast Aluminum	Cast Aluminum
Body & Sunshield Weight	2.8 kg (6.17 lb)	2.8 kg (6.17 lb)	2.9 kg (6.39 lb)	2.9 kg (6.39 lb)
Cable Grants	M16 x 4	M16 x 4	M16 x 4	M16 x 4

* Inside camera specification must be within housing's operating temperature.

Dimensions



P20 series Matrix Table

	AC24V (DC24V Optional) in	PoE 30W in	PoE 30/60/95W in	Window Heater	Cold Start Heater (at -40°C)	Adjustable Sunshield	Blower	ITB for Optional 6W/12W/24W/48W VAIR IR	Side-Opening Alarm	Wiper	IP66	IP68
P2000-I	V	-	-	V	-	V	V	V	V	-	-	V
P2000-AI	V	-	-	V	V	V	V	V	V	-	-	V
P2000-IW	V	-	-	V	-	V	V	V	V	V	V	-
P2000-AIW	V	-	-	V	V	V	V	V	V	V	V	-

Accessories

Brackets

Wall Mount		Ceiling Mount		Standing Mount
	BK-101 Wall Mount Bracket Safety Wire Concealing Cable		BK-102 Wall Mount Bracket	
			BK-201 Flexible J-type Ceiling Mount Bracket	
				BK-300 Standing Mount Bracket

Adapters

Pole Mount		Corner Mount	Fit	Junction Box	
	AT-100 Pole Mount Adapter		AT-101 Pole Mount Adapter		AT-200 Corner Mount Adapter
				BK-101	
				BK-102	
					JB-100 Junction Box
					BK-101
					BK-102
					AT-100
					AT-101
					AT-200

Power Boxes

Outdoor Power Box		Outdoor Power Box / Junction Box	
	PB-024-1AC Outdoor Power Box • IP67/IK10 • 115VAC / 230VAC Input • AC24V/6A Output • -40°C ~ 60°C		PB-024-2AC Outdoor Power/Junction Box • IP67/IK10 • 115VAC / 230VAC Input • AC24V/6A Output • -40°C ~ 60°C

VAIR IR LEDs

VAIR IR LEDs			
	VR 120 • Snap Vair 10~40° IR LED, 12W		VR-241 • Snap Vair 10~30° IR LED, 24W VR-481 • Snap Vair 10~30° IR LED, 48W

Water Tank & Pump

Water Tank & Pump	
	TP-100 • 10L Water Tank & Pump