

P60 series

Professional 90W bt PoE Camera Housing



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 IP66/68, and IK10 standards. The housing can even support cameras equipped with wide-angle lenses or long-distant remote focus lenses.

The P60 series supported PoE input are professional models which all are equipped with heater and blower to demist and deice for window. 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 P60 applied onto long-ranged IP surveillance day & night.

Some models also offer a built-in wiper.

Features

- IP66 standard (P6000-IW-V2,P6000-AIW-V2)
- IP68 standard (P6000-I-V2,P6000-AI-V2)
- IK10 impact rated cast aluminum housing
- Demisting & deicing for window
- Adjustable sunshield
- Side-opening alarm switch
- ITB (Illuminator Touch Board) snaps IR LEDs directly to the housing & conceals wiring
- Accommodates box cameras equipped with wide-angle lenses & long-distance lenses (8-80 mm)
- Built-in wiper (P6000-IW-V2,P6000-AIW-V2)
- Supported 30W at / 60W bt / 90W bt PoE power input
- Plug-and-play over a single network cable



**P6000-I-V2 Camera housing +
VR-481 VAIR LEDs +
BK-101 Wall mount bracket
concealing cable**



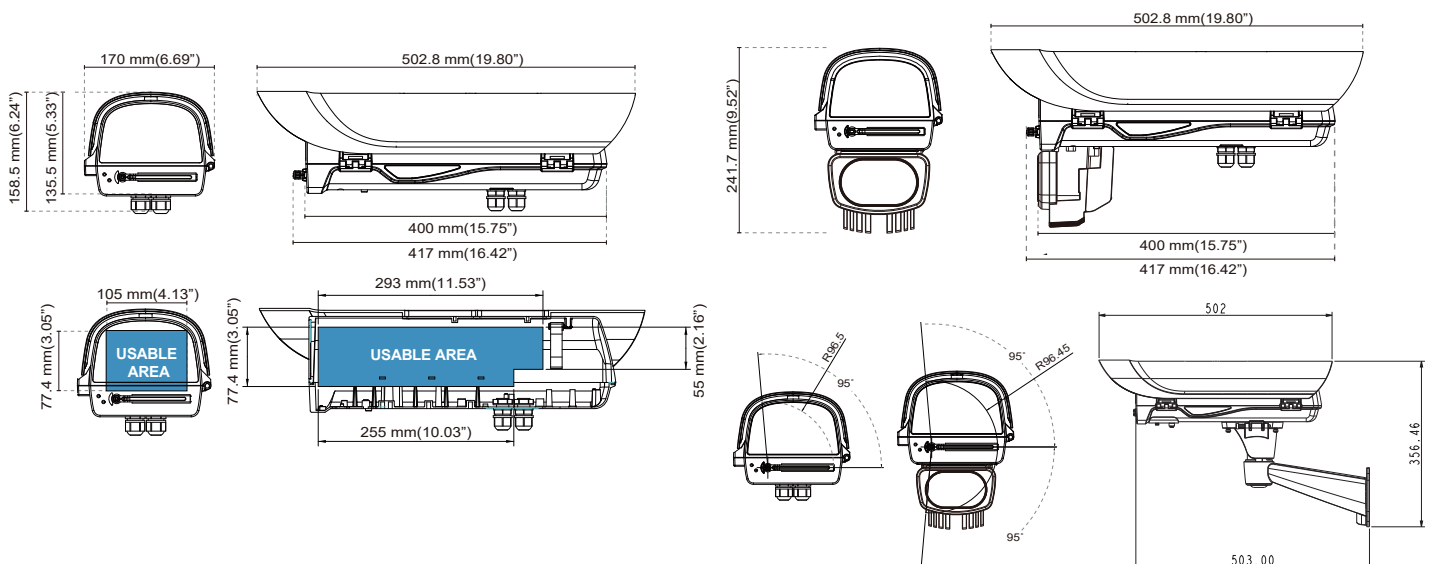
**AXIS Q1635 + 8 – 80mm
varifocus lens**

Specifications

	P6000-I-V2	P6000-AI-V2	P6000-IW-V2	P6000-AIW-V2
Electrical Specifications				
Input Power	30W at / 60W bt / 90W bt PoE, 50-57VDC	30W at / 60W bt / 90W bt PoE, 50-57VDC	30W at / 60W bt / 90W bt PoE, 50-57VDC	30W at / 60W bt / 90W bt PoE, 50-57VDC
Max Output Power Budget	24W thru 30W PoE PSE 48 W thru 60W PoE PSE 72 W thru 90W PoE PSE	24W thru 30W PoE PSE 48 W thru 60W PoE PSE 72 W thru 90W PoE PSE	24W thru 30W PoE PSE 48 W thru 60W PoE PSE 72 W thru 90W PoE PSE	24W thru 30W PoE PSE 48 W thru 60W PoE PSE 72 W thru 90W PoE PSE
Camera Power Input	24W Passive PoE (Compliant IEEE 802.3af PoE)	24W Passive PoE (Compliant IEEE 802.3af PoE)	24W Passive PoE (Compliant IEEE 802.3af PoE)	24W Passive PoE (Compliant IEEE 802.3af PoE)
Output Power	24VDC/48W	24VDC/48W	24VDC/48W	24VDC/48W
Power Consumption	Window Heater: 10W Blower: 2W Camera: 6 ~ 8W	Window Heater: 10W Blower: 2W Camera: 6 ~ 8W	Window Heater: 10W Blower: 2W Camera: 6 ~ 8W Wiper: 6W	Window Heater: 10W Cold Start Heater: 30W Blower: 2W Camera: 6 ~ 8W Wiper: 6W
Optional VAIR LEDs Power Consumption	VR-120: 12W VR-241: 24W VR-481: 48W	VR-120: 12W	VR-120: 12W VR-241: 24W VR-481: 48W	VR-120: 12W
Optional 10L Water Tank & Pump	-	-	TP-100: 12 W	TP-100: 12 W
Environmental Specifications				
Operating Temperature*	-20°C ~ 65°C (-4°F ~ 149°F) -20°C ~ 50°C (w/IR LEDs)	-40°C ~ 65°C (-40°F ~ 149°F) -20°C ~ 50°C (w/IR LEDs)	-20°C ~ 65°C (-4°F ~ 149°F) -20°C ~ 50°C (w/IR LEDs) Wiper is functional at -10°C to +60°C (14°F to 140°F)	-40°C ~ 65°C (-40°F ~ 149°F) -20°C ~ 50°C (w/IR LEDs) Wiper is functional at -10°C to +60°C (14°F to 140°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
Wiper ON / OFF	-	>0°C(32°F) ON	-	>0°C(32°F) ON
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
RS485 Ports	1	1	1	1
DI Ports	DI 1 for IR control	DI 1 for IR control	DI 1 for IR control DI 2 for Wiper control	DI 1 for IR control DI 2 for Wiper control
DO Ports	DO 1 for IR LED status	DO 1 for IR LED status	DO 1 for IR LED status DO 2 for water tank control	DO 1 for IR LED status DO 2 for water tank control
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



P60 Series Matrix Table












	PoE 30W/60W/90W in	Window Heater	Cold Start Heater (at -40°C)	Blower	ITB for Optional 12W VAIR IR	ITB for Optional 24W VAIR IR	ITB for Optional 48W VAIR IR	Side- Opening Alarm	Wiper	IP66	IP68
P6000-I-V2	V	V	-	V	V	V	V	V	-	-	V
P6000-AI-V2	V	V	V	V	V	-	-	V	-	-	V
P6000-IW-V2	V	V	-	V	V	V	V	V	V	V	-
P6000-AIW-V2	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-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	Wall Mount	Fit
					
AT-100 Pole Mount Adapter	AT-101 Pole Mount Adapter	AT-200 Corner Mount Adapter			
				JB-100 Junction Box	
					
					



Junction Box

VAIR IR LEDs

VAIR IR LEDs				Water Tank & Pump
	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		
				TP-100 • 10L Water Tank & Pump

Water Tank & Pump

PoE Switches

Outdoor IP67/IK10 Unmanaged PoE Switch		Outdoor IP67/IK10 L2 PRO Gigabit Ethernet PoE Switch	
	H40-044-30-150-V3 • 4xGbE PoE (30W) + 2xGbE SFP + 2xGbE RJ45 • 100-240VAC, 150W Power Budget		H60-044-30-150 • Supports NTS • 4-port Gigabit 30W PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP • 100-240VAC, 150W Power Budget
	H40-082-30-250-V3 • 8xGbE PoE (30W) + 2xGbE SFP • 100-240VAC, 250W Power Budget		H60-084-30-250 • Supports NTS • 8-port Gigabit 30W PoE + 4-port Gigabit SFP • 100-240VAC, 250W Power Budget
	H40-044-91-250-V3 • 4xGbE PoE (90W) + 2xGbE SFP + 2xGbE RJ45 • 100-240VAC, 250W Power Budget		H60-044-91-250 • 4-port Gigabit 90W bt PoE + 2-port Gigabit RJ45 + 2-port Gigabit SFP • 100-240VAC, 250W Power Budget