M6000 Series

90W bt PoE AI Camera Housing



M6000-I / M6000-AI



M6000-IW / M6000-AIW



AETEK, a professional camera housing manufacturer, provides a series of rugged outdoor surveillance housings which are compatible with most of IP and analog box cameras in the market. The camera housings are constructed from cast aluminum to meet IP66/IP68, and IK10 standards. AETEK camera housings even support cameras equipped with wide-angle lenses or long-distant remote focus lenses.

The M6000 series powered by PoE input are professional models, they are equipped with heater and blower to demist and deice for window. Additionally, more features such as side-opening alarm, adjustable sunshield, and ITB (Illuminator Touch Board) which conceals the wiring for optional VAIR illuminator for long-ranged IP surveillance day & night.

The M6000 series is professional Web Smart camera housing, it allows you to control the wiper, IR, Water tank, heater, blower via the web UI interface easily and remotely.

Some models also offer a built-in wiper.

Features

- IP66 standard (M6000-IW, M6000-AIW)
- IP68 stndard (M6000-I, M6000-AI)
- 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 (M6000-IW, M6000-AIW)
- Supported 90W bt PoE power input
- Plug-and-play over a single network cable

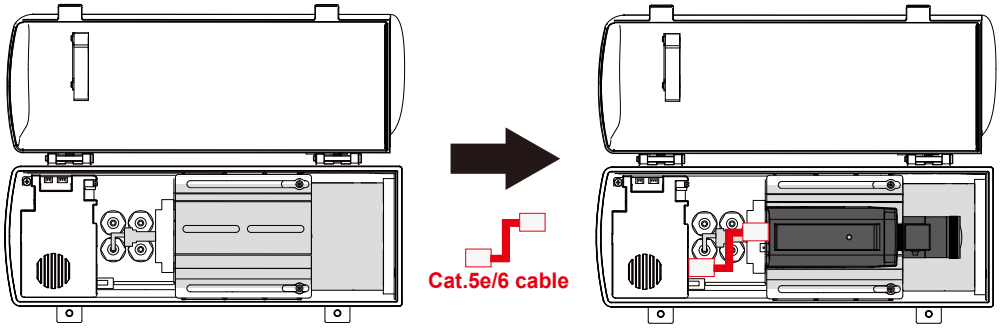


M6000-IW Camera housing + VR-481 VAIR LEDs + BK-101 Wall mount bracket concealing cable

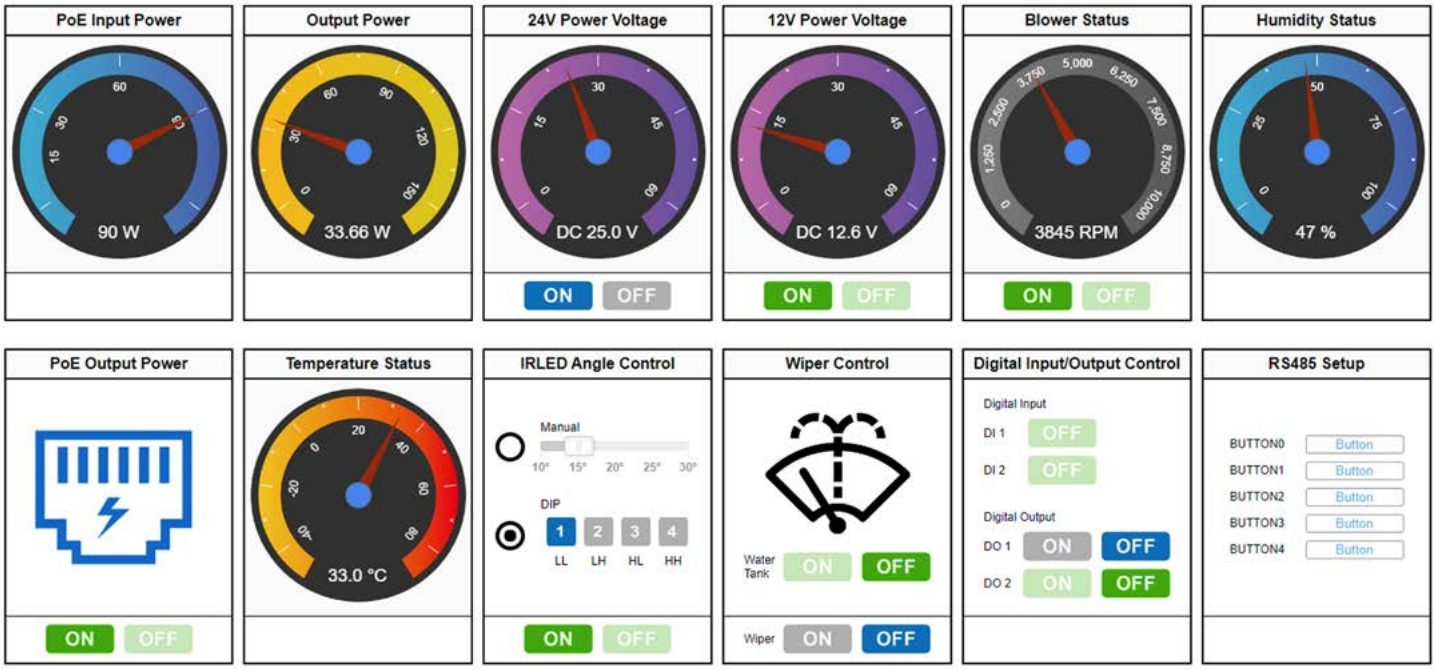


Avigilon H4A / H5A Box Camera

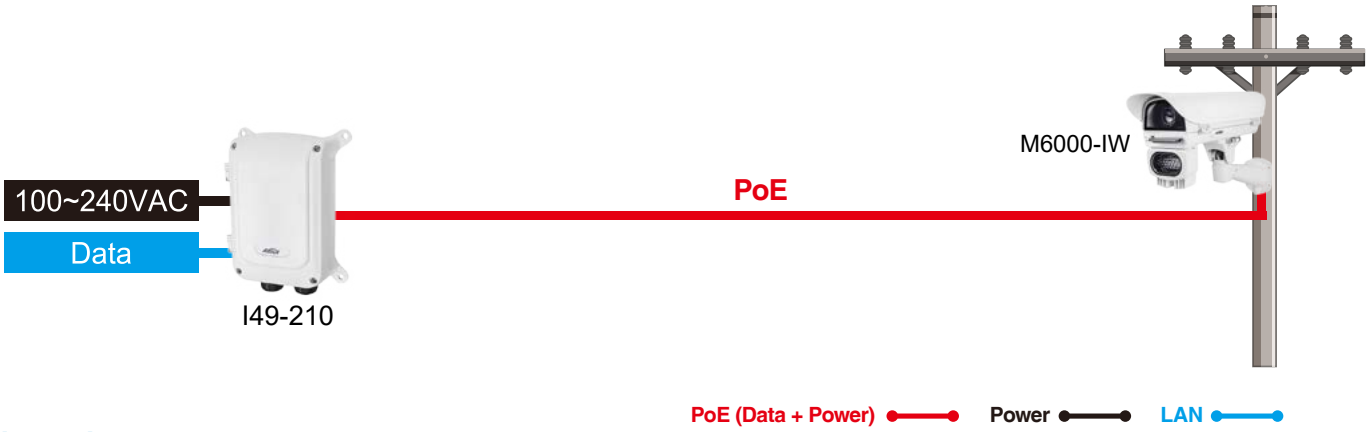
Plug-and-Play quick connection for PoE IP box/brick camera inside smart camera housing



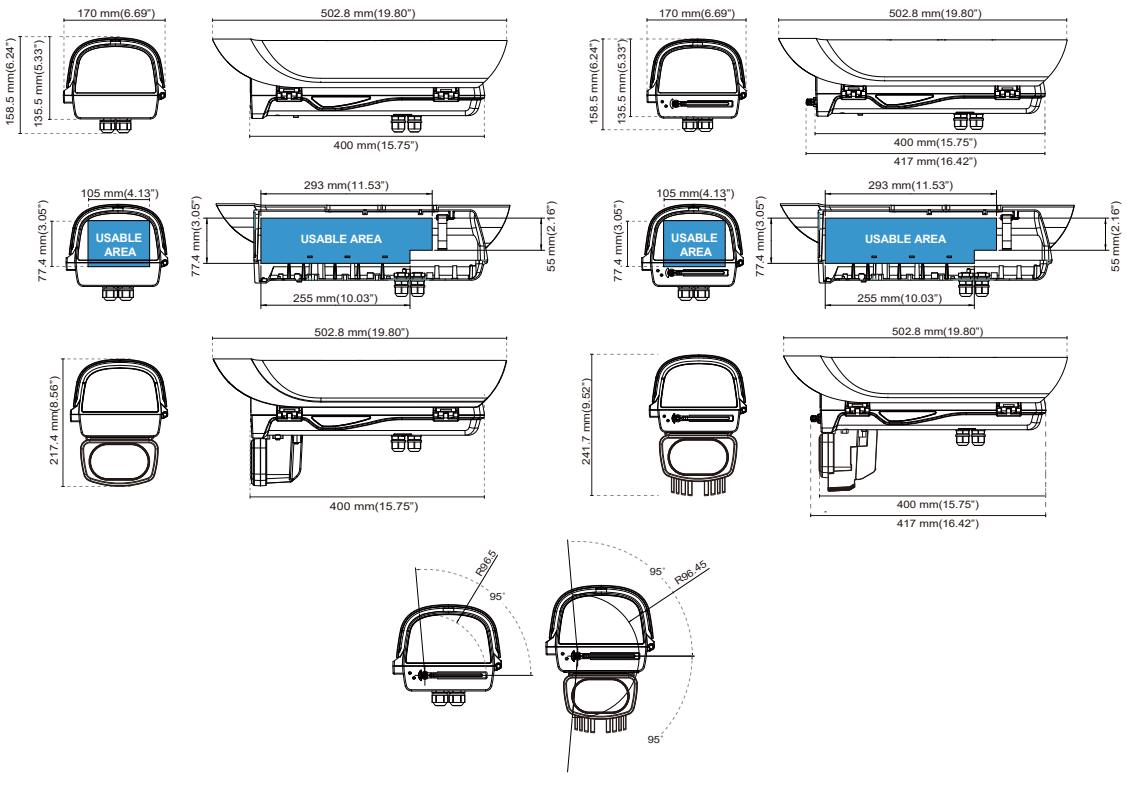
AI Camera Housing Managed UI



Application



Dimensions



Specifications

	M6000-I	M6000-AI	M6000-IW	M6000-AIW
Electrical Specifications				
Input Ethernet	1xGbE RJ45	1xGbE RJ45	1xGbE RJ45	1xGbE RJ45
Output Ethernet	1xGbE RJ45	1xGbE RJ45	1xGbE RJ45	1xGbE RJ45
Input Power	90W bt PoE	90W bt PoE	90W bt PoE	90W bt PoE
Max Output Power Budget	72 W	72 W	72 W	72 W
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 Voltage	24VDC/48W 12VDC/24W	24VDC/48W 12VDC/24W	24VDC/48W 12VDC/24W	24VDC/48W 12VDC/24W
Power Consumption	Window Heater: 10W Blower: 2W Camera: 12W	Window Heater: 10W Blower: 2W Camera: 12W Camera Heater : 30W	Window Heater: 10W Blower: 2W Camera: 12W Wiper: 6W	Window Heater: 10W Blower: 2W Camera: 12W Wiper: 6W Camera Heater : 30W
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 for P6000-IW	_	_	TP-100: 12 W	TP-100: 12 W
Surge Proctor	6KV	6KV	6KV	6KV
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	≤ 30°C (86°F) ON ≥ 35°C (95°F) OFF	≤ 30°C (86°F) ON ≥ 35°C (95°F) OFF	≤ 30°C (86°F) ON ≥ 35°C (95°F) OFF	≤ 30°C (86°F) ON ≥ 35°C (95°F) OFF
Blower ON / OFF	≥ 40°C (104 °F) ON ≤ 35°C (95 °F) OFF	≥ 40°C (104 °F) ON ≤ 35°C (95 °F) OFF	≥ 40°C (104 °F) ON ≤ 35°C (95 °F) OFF	≥ 40°C (104 °F) ON ≤ 35°C (95 °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.

M60 Series Matrix Table

	PoE 90W	Window Heater	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
M6000-I	v	v	v	v	v	v	v	-	-	v
M6000-AI	v	v	v	v	-	-	v	-	-	v
M6000-IW	v	v	v	v	v	v	v	v	v	-
M6000-AIW	v	v	v	v	-	-	v	v	v	-

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

Accessories

Adapters

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

Junction Box

Wall Mount	Fit
 JB-100 Junction Box	 BK-101  BK-102  AT-100  AT-101 AT-200

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

Related Product

Industrial PoE Injector w/ 12~56VDC Input		Industrial PoE Injector	
	**I69-210-V2** • Industrial GbE 90W Bt PoE Injector • 52-56VDC Input		**I69-216-V2** • Industrial GbE 90W Bt PoE Injector • 12~56VDC Input

Indoor PoE Injector		IP67/IK10 PoE Injector	
	**I39-210-V2** • Indoor GbE 90W Bt PoE Injector • 100~240VAC Input		**I49-210-V2** • Outdoor GbE 90W Bt PoE Injector • 100~240VAC Input

PoE Switches

IP67/IK10 PoE Switch			
	**H40-022-91-120-V2** • 2xGbE 90W PoE+ 2xGbE SFP • 100~240VAC, 120W power budget		**H40-044-91-250-V3** • 4xGbE 90W PoE+ 2xGbE SFP + 2xGbE RJ45 • 100~240VAC, 250W power budget

IP67/IK10 L2 Gigabit PoE Switches		IP67/IK10 L2 PRO Gigabit PoE Switches	
	**H51-044-91-250** • 4xGbE bt PoE (90W)+2xGbE SFP + 2xGbE RJ45 • 100~240VAC, 250W power budget		**H60-044-91-250** • 4xGbE bt PoE (90W)+2xGbE SFP + 2xGbE RJ45 • 100~240VAC, 250W power budget

Industrial Gigabit PoE Switch		Industrial PoE Media Converter	
	**D40-044-91** • 4x 90W bt PoE + 2xGbE SFP + 2xGbE RJ45 • 52-56VDC Input		**M30-022-91-V2** • 2x 90W bt PoE + 2xGbE SFP • 52-56VDC Input

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