

AE-23A/23B/23C AE-23D/23E/23F

Outdoor Enclosures - Supreme Series



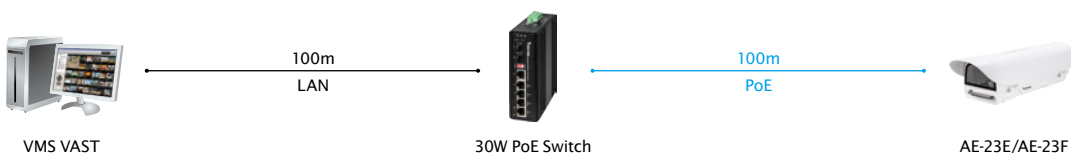
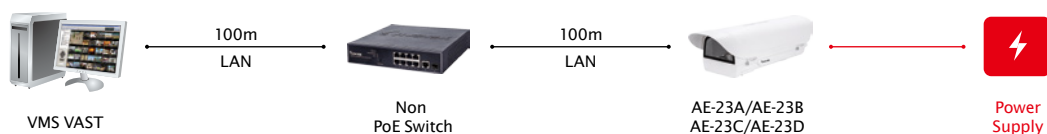
Supreme Series outdoor enclosures are compatible with all VIVOTEK box cameras, including wide-angle lenses or long-distance remote focus lenses. The camera enclosures are constructed from cast aluminum to meet IP68, and IK 10 standards.

AE-23A, AE-23B, AE-23C and AE-23D are supported by 24VAC/VDC input, AE-23E and AE-23F are supported by PoE input, AE-23B, AE-23D and AE-23F are designed with built-in wiper. AE-23C and AE-23D support cold start heater. All of the models are equipped with demisting windows heater & fan and also support side-opening alarm switch, adjustable sunshield and optional VAIR (Vari-Angle IR) illuminator.

Key Features

- Weather-proof IP66-rated Enclosure with Wiper (AE-23B, AE-23D, AE-23F)
- Weather-proof IP68-rated Enclosure without Wiper (AE-23A, AE-23C, AE-23E)
- Vandal-proof IK10-rated Cast Aluminum Housing
- Window Demister Heater and Fan
- Adjustable Sunshield
- Side-Opening Alarm Switch
- Camera Heater Supports Cold Start at -40°C (AE-23C, AE-23D)
- VAIR Illuminators (Optional)

Application



Technical Specifications



Model Name	AE-23A	AE-23B	AE-23C	AE-23D	AE-23E	AE-23F
Input Voltage	24VAC/VDC	24VAC/VDC	24VAC/VDC	24VAC/VDC	PoE at 50~57VDC	PoE at 50~57VDC
Max Output Power Budget	80W	80W	100W	100W	25 W thru 30W PoE PSE 48 W thru 60W PoE PSE 72 W thru 95W PoE PSE	25 W thru 30W PoE PSE 48 W thru 60W PoE PSE 72 W thru 95W PoE PSE
Power Consumption	Window Heater: 10W Blower: 2W Camera: 6 ~ 8W Others: 2W	Window Heater: 10W Blower: 2W Camera: 6 ~ 8W Wiper: 6W Others: 2W	Window Heater: 10W Cold Start Heater: 30W Blower: 2W Camera: 6 ~ 8W Others: 2W	Window Heater: 10W Cold Start Heater: 30W Blower: 2W Camera: 6 ~ 8W Wiper: 6W Others: 2W	Window Heater: 10W Blower: 2W Camera: 6 ~ 8W Others: 2W	Window Heater: 10W Blower: 2W Camera: 6 ~ 8W Wiper: 6W Others: 2W
Optional Vari IR Illuminators Power consumption	AI-106 : 6W AI-108: 24W AI-109: 48W	AI-106 : 6W AI-108: 24W AI-109: 48W	AI-106 : 6W AI-108: 24W AI-109: 48W	AI-106 : 6W AI-108: 24W AI-109: 48W	AI-106 : 6W AI-108: 24W AI-109: 48W	AI-106 : 6W AI-108: 24W AI-109: 48W
Operating Temperature	-20°C ~ 65°C (-4°F ~ 149°F)	-20°C ~ 65°C (-4°F ~ 149°F)	-50°C ~ 65°C (-58°F ~ 149°F) Cold Startup: -40°C (-40°F)	-50°C ~ 65°C (-58°F ~ 149°F) Cold Startup: -40°C (-40°F)	-20°C ~ 65°C (-4°F ~ 149°F)	-20°C ~ 65°C (-4°F ~ 149°F)
Windows 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	≤ 30°C (86°F) ON ≥ 35°C (95°F) OFF	≤ 30°C (86°F) ON ≥ 35°C (95°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	-	-
Fan 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	≥ 40°C (104 °F) ON ≤ 35°C (95 °F) OFF	≥ 40°C (104 °F) ON ≤ 35°C (95 °F) OFF
Waterproof IP Rating	IP68	IP66	IP68	IP66	IP68	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	IK10 Impact Rated on Cast Aluminum Housing	IK10 Impact Rated on Cast Aluminum Housing
Supported Cameras	All VIVOTEK Box Cameras	All VIVOTEK Box Cameras	All VIVOTEK Box Cameras	All VIVOTEK Box Cameras	All VIVOTEK Box Cameras	All VIVOTEK Box Cameras
Included Accessories	Installation Guide Screw Kit	Installation Guide Screw Kit	Installation Guide Screw Kit	Installation Guide Screw Kit	Installation Guide Screw Kit	Installation Guide Screw Kit

Compatible Accessories

Wall Mount Bracket		Ceiling Mount Bracket	Standing Mount Bracket
			
AM-21D	AM-21E design with quick lock and safety rope	AM-11F	AM-811
Pole Mount Bracket			
	OR		+
AM-21D		AM-314	OR
			
		AM-314	AM-315
VAIR Illuminator			
			
AI-106 6W, 10°~40°, 25~100 m	AI-108 24W, 10°~30°, 80~160 m	AI-109 48W, 10°~30°, 120~200 m	
Power Box			
			
AA-351	AA-352		

Supreme Series - Comparison Table

	24VAC/VDC In	PoE 30/60/95W In	Window Heater	Cold Start Heater (-50°C ~ 50°C)	Adjustable Sunshield	
AE-23A	V	-	V	-	V	
AE-23B	V	-	V	-	V	
AE-23C	V	-	V	V	V	
AE-23D	V	-	V	V	V	
AE-23E	-	V	V	-	V	
AE-23F	-	V	V	-	V	
	Fan	Optional Illuminators	Side-Opening Alarm	Wiper	IP66	IP68
AE-23A	V	V	V	-	-	V
AE-23B	V	V	V	V	V	-
AE-23C	V	V	V	-	-	V
AE-23D	V	V	V	V	V	-
AE-23E	V	V	V	-	-	V
AE-23F	V	V	V	V	V	-

Dimension

