

# IRCamSafe Series

## Protection Enclosures for Infrared Cameras

- Large Variety of Enclosures for Different Requirements
- Integrated Controller with I/O modules for Remote Control
- Integrated Sensors for Temperature, Humidity, Voltage and Pressure
- Protection Windows made of Germanium or Zinc Selenid
- Optimized for IR Cameras of FLIR Systems' A-Series and SC-Series
- Available with Additional Options (e.g. Sun Shield)

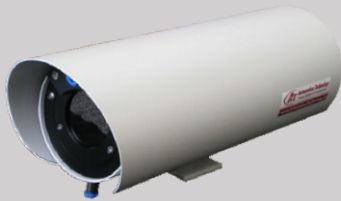
# IRCamSafe Series

Protection Enclosures for Infrared Cameras of FLIR Systems' A-Series and SC-Series

## IRCamSafe AW

Weatherproof Enclosure for Indoor and Outdoor Applications

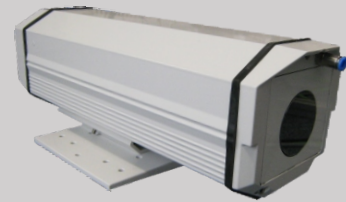
- Designed for Maximum Rain and Dust Protection (IP66)
- Compact and Light-Weight Aluminum Construction
- Push/Pull Connectors for Air-Cooling



## IRCamSafe AWL

Weatherproof Enclosure for Indoor and Outdoor Applications

- Made of Extruded Aluminum and Cover Plates of Die-Cast Aluminum (IP66)
- Connector Configuration with RJ45 Ethernet for Digital Video, BNC for Analog Video & 7-Pin for Camera and Heater Power
- Also Available as DualView Version (IR + Visual Camera)



## IRCamSafe 168 AI

Stainless Steel Enclosure for Highly Corrosive Environments

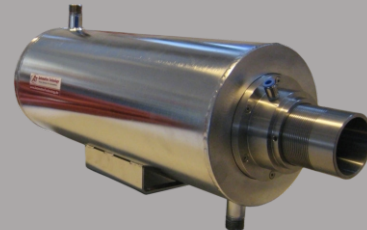
- Stainless Steel Construction
- Designed to operate in Harsh Environments
- Certifications: IP 67, CE
- Pressure-Resistant Version up to 5 bar on Request



## IRCamSafe 168 AIW

Stainless Steel Enclosure for Harsh Environments

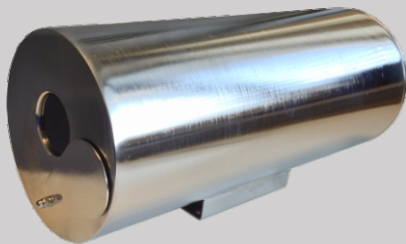
- Designed to operate in Extremely High Temperatures and Corrosive Environments
- Cylindrical Body with a Double Chamber for Cooling with Air or Liquid
- Air Barrier to prevent Dust Formations on the Window and to cool the Window



## IRCamSafe 254 AI

Stainless Steel Enclosure for Harsh Environments

- Designed for Cooled Cameras
- Any Camera can be Integrated
- Ask for Details



## IRCamSafe EX AXC

For Installations of IR Cameras in Explosion-Hazard Areas

- Certified by ZELM 12 ATEX 0485 X
- Enables Installations of IR Cameras in Ex-Zones 1, 2, 21, 22 without Further Certifications
- 2 LWL and 2 Ethernet Connections for Easy Network Integration



# IRCamSafe Accessories

## Optional Equipment for IRCamSafe Protection Enclosures

### Controller Board

(For Remote Control of Cameras)

- I/O Modules for Remote Control
- Sensors for Temperature, Humidity, Voltage and Pressure
- Ethernet Switch and Media Converter



### Air Barrier

(For Avoidance of Dust and Dirt Deposits by Pressured Air)

- Tube connection: 8mm Outside Diameter
- Air Quality: Oil-Free, Dry, Filtered better than 1µm Particle
- Diameter Pressure: 1.2 to 2.5 bar



### Wall Mount Kit, Manually Adjustable

(Assembly Support for IRCamSafe AW)

- Die-Cast Aluminum Wall Bracket with Sturdy Joint
- Painted with Epoxy Polyester Powder
- Easy Housing Positioning with Single Clamping/Adjustment Bolt
- 9kg (20 lb) Load Rating
- 285mm in Length



### Wall Mount Kit, Manually Adjustable

(Assembly Support for IRCamSafe AWL)

- Die-Cast Aluminum Wall Bracket with Sturdy Joint
- Painted with Epoxy Polyester Powder
- Easy Housing Positioning with Single Clamping/Adjustment Bolt
- 25kg (55 lb) Load Rating
- 285mm in Length



### Pole Mount Kit

(For Mountings of IRCamSafe AW Enclosures on Poles)

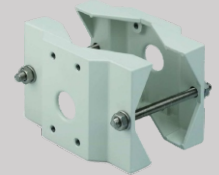
- Die-Cast Aluminum Wall Bracket with Sturdy Joint
- Painted with Epoxy Polyester Powder
- Easy Housing Positioning with Single Clamping/Adjustment Bolt
- 18kg (20 lb) Load Rating
- 375mm in Length



### Pole Mount Adapter

(For Mounting of IRCamSafe Enclosures on Poles)

- Die-Cast Aluminum Reinforced Support Plate
- Suitable for Bracket with Joint
- Painted with Epoxy Polyester Powder RAL9002
- Load Rating: 9kg (66 lb)
- Pole Size Ø 76mm to 200mm



### Wiper, Pump & Tank

(For Cleaning of Germanium Protection Windows)

- Stainless Steel Wiper
- Suitable for IRCamSafe AI or AIW
- Protection Rating: IP67
- Supply 230VAC; 7W
- Wiper Weight: 1,5 kg
- With Water Tank & Pump



### Pan-Tilt Head

(For Approaching Different Camera Positions)

- 24/7 Operation
- Mil Spec.
- Max. Payload: 6.8 kg
- Resolution (Pan): 0.006°
- Resolution (Tilt): 0.003°
- Speed Range (Pan): 0.006°/sec - 100°/sec
- Speed Range (Tilt): 0.003°/sec - 50°/sec



# IRCamSafe Specifications

## Technical Data and Order Numbers of IRCamSafe Protection Enclosures

Enclosure Model	IR Camera	Lens	Window Size	Dimensions	Weight
AW	FLIR AX5 FLIR A3XX FLIR A3XXsc	15° x 11° 25° x 19° 45° x 34° 90° x 68°	Ø70mm	<b>Standard version</b> 305mm x 108mm (without sunshield)	<b>Standard version</b> 1,8kg
	FLIR A6XX FLIR A6XXsc	15° x 11° 25° x 19° 45° x 34°	Ø70mm	<b>Long version</b> 380mm x 108mm (without sunshield)	<b>Long version</b> 2,2kg
AWL	FLIR AX5 FLIR A3XX FLIR A3XXsc	6° x 4,5°	Ø70mm	424mm x 141mm x 153mm (without sunshield)	4,3kg
		15° x 11° 25° x 19° 45° x 34° 90° x 68°	Ø70mm		
	FLIR A6XX FLIR A6XXsc	15° x 11° 25° x 19° 45° x 34°			
168 AI	FLIR AX5 FLIR A3XX FLIR A3XXsc	6° x 4,5°	Ø80mm	125mm, length 350mm (without sunshield)	6,6kg
		15° x 11° 25° x 19° 45° x 34° 90° x 68°	Ø70mm		
	FLIR A6XX FLIR A6XXsc	15° x 11° 25° x 19° 45° x 34°			
AIW	FLIR AX5 FLIR A3XX FLIR A3XXsc	6° x 4,5°	Ø80mm	Ø154mm, length 352mm	10,2kg
		15° x 11° 25° x 19° 45° x 34° 90° x 68°	Ø70mm		
	FLIR A6XX FLIR A6XXsc	15° x 11° 25° x 19° 45° x 34°			
254 AI	Any Uncooled and Cooled IR Camera of FLIR Systems' A-Series and SC-Series	25° x 19° 45° x 34° 90° x 68° 15° x 11° 25° x 19° 45° x 34°	Ø70mm	Ø169mm, length 456mm	10kg
EX AXC	FLIR A3XX FLIR A3XXsc	15° x 11° 25° x 19° 45° x 34° 90° x 68°	Ø85mm	Ø170mm, length 408mm (without sunshield and connections)	6,7kg (without camera and lens)
	FLIR A6XX FLIR A6XXsc	15° x 11° 25° x 19° 45° x 34°			



AT - Automation Technology GmbH  
Hermann-Bösso-v-Straße 6-8  
D-23843 Bad Oldesloe

Telefon: +49-(0) 45 31 / 88C11-0  
E-Mail: info@automationtechnology.de  
Internet: www.automationtechnology.de

Sales contact: