

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
- Protective windows made of germanium or zinc selenid
- Optimized for IR cameras of AT and FLIR A-Series
- Available with additional options (e.g. sunshroud)

IRCamSafe Series

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

IRCamSafe 168 AI

Stainless Steel Enclosure for Highly Corrosive Environments

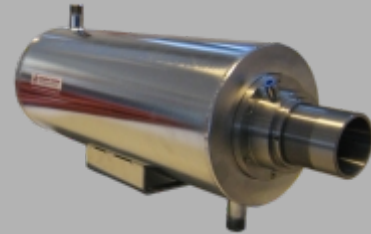
- Stainless steel construction
- Designed to operate in Harsh Environments
- Certifications: IP 67, CE
- Pressure-resistant version up to 5 bar on request



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
- Optional air barrier to prevent dust formations on the window and to cool the window



IRCamSafe EX AXC

For Installations of IR Cameras in Explosion-Hazard Areas

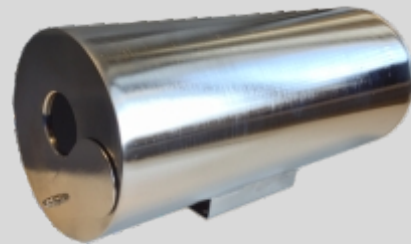
- Certified by ZELM 12 ATEX 0485 X
- Enables installations of IR cameras in Ex-zones 1, 2, 21, 22 without further certifications
- 2 optical fiber and 2 ethernet connections for easy network integration



Customized Solutions

Stainless Steel Enclosure for Customer Specific Applications

- E.g. for the food industry
- Optionally also available for cooled FLIR cameras



IRCamSafe Accessories

Optional Equipment for IRCamSafe Protection Enclosures

Controller Board

(For Remote Camera Control)

- I/O modules for remote control
- Sensors for temperature, humidity, voltage and pressure
- Ethernet switch and media converter



Air Barrier

(To Prevent Deposit of Dust and Dirt on the Protective Window by Means of Pressurized Air)

- Tube connection: G 1/8"
- Air quality: Oil-free, dry, filtered better than 1µm particle
- Air pressure: 0.3 to 2.5 bar



Wall Mount Kit

(Assembly Support for IRCamSafe)

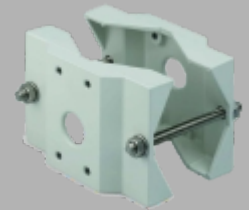
- Manually adjustable heavy-duty bracket
- Joint made of AISI 316 thick gauge stainless steel
- Load rating: 45 kg (99 lb)
- Unit length: 390 mm
- Unit weight: 2.6 kg



Pole Mount Adapter

(For Mounting of IRCamSafe Enclosures on Poles)

- Stainless steel support plate
- Suitable for wall mount bracket with joint
- Load rating: 9kg (66 lb)
- Pole size Ø 76mm to 200mm



Sunshroud

(Direct Sunlight Protection for IRCamSafe)

- Stainless steel



IRCamSafe Specifications

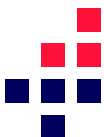
Technical Data of IRCamSafe Protection Enclosures

Enclosure Model	IR Camera Model	FOV	Window Size* (Protective Glass Size)	Dimensions (without Sunshoud)	Weight (without Camera and Lens)
IRCamSafe 168 AI	AT IRS/IRSX-I336	9° x 7° 12° x 10° 17° x 13° 25° x 19° 35° x 27° 45° x 35°	Ø60mm (Ø70mm x 3mm)	Ø168mm, Length 412mm	6.6kg
	AT IRS/IRSX-I640	18° x 13° 24° x 19° 32° x 26° 45° x 37° 69° x 56° 89° x 69°			
	FLIR AX5 FLIR A3XX FLIR A3XXsc	6° x 4.5°	Ø80mm (Ø90mm x 3mm)		
		15° x 11° 25° x 19° 45° x 34° 90° x 68°	Ø60mm (Ø70mm x 3mm)		
	FLIR A6XX FLIR A6XXsc	15° x 11° 25° x 19° 45° x 34°			
	FLIR A400 FLIR A500 FLIR A700	6° x 4.5°	Ø80mm (Ø90mm x 3mm)		
		14° x 10° 24° x 18° 42° x 32°	Ø60mm (Ø70mm x 3mm)		
FLIR A50/A70	29° x 22° 51° x 39° 95° x 74°	Ø60mm (Ø70mm x 3mm)			
IRCamSafe 168 AIW	AT IRS/IRSX-I336	9° x 7° 12° x 10° 17° x 13° 25° x 19° 35° x 27° 45° x 35°	Ø60mm (Ø70mm x 3mm)	Ø168mm, Length 412mm	10.2kg
	AT IRS/IRSX-I640	18° x 13° 24° x 19° 32° x 26° 45° x 37° 69° x 56° 89° x 69°			
	FLIR AX5 FLIR A3XX FLIR A3XXsc	6° x 4.5°	Ø80mm (Ø90mm x 3mm)		
		15° x 11° 25° x 19° 45° x 34° 90° x 68°	Ø60mm (Ø70mm x 3mm)		
	FLIR A6XX FLIR A6XXsc	15° x 11° 25° x 19° 45° x 34°			
	FLIR A400 FLIR A500 FLIR A700	6° x 4.5°	Ø80mm (Ø90mm x 3mm)		
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IRCamSafe Specifications

Technical Data of IRCamSafe Protection Enclosures

Enclosure Model	IR Camera Model	FOV	Window Size* (Protective Glass Size)	Dimensions (without Sunshoud)	Weight (without Camera and Lens)
IRCamSafeEX	AT IRS/IRSX-I336	9° x 7° 12° x 10° 17° x 13° 25° x 19° 35° x 27° 45° x 35°	Ø60mm (Ø70mm x 3mm)	Ø168mm, Length 412mm	6.6kg
	AT IRS/IRSX-I640	18° x 13° 24° x 19° 32° x 26° 45° x 37° 69° x 56° 89° x 69°			
	FLIR A3XX FLIR A3XXsc	15° x 11° 25° x 19° 45° x 34° 90° x 68°	Ø60mm (Ø70mm x 3mm)		
	FLIR A6XX FLIR A6XXsc	15° x 11° 25° x 19° 45° x 34°			



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