FLIR IRW-12PS: 12in Large Format Infrared Inspection Window (Stainless Steel)

P/N: IRW-12PS

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Website

http://www.flir.com

Customer support

http://support.flir.com

Disclaimer

Specifications subject to change without further notice. Camera models and accessories subject to regional market considerations. License procedures may apply. Products described herein may be subject to US Export Regulations. Please refer to exportquestions@flir.com with any questions.



General description	
The new rectangular polymer IR windows series IRW-xPS from FLIR augments the existing round crystal type IR windows products giving FLIR one of the most comprehensive IR Windows offerings on the market. The impact resistivity of the polymer lens allows for big window designs, making the new IR window a great option for large field of view applications. With its durability and long- term stability in harsh environments the polymer IR window is suitable for most industrial environments as well as for shipboard use. The robust stainless steel construction and the IP67 rating makes the IRW-xPS window perfectly suited for outdoor installation. Whether you need an IR window for a special high temperature application or a cost- effective solution for a large industrial installation FLIR has got you covered.	

Materials and Ratings	
IP/ NEMA Environment Type	IP67/ NEMA6
Voltage range	Any
Automatically grounded	Yes
Maximum operating temperature	-40°C (-40°F) to 273°C (523°F)
Body material	Powder Coated Stainless Steel
Optic Reinforced Grill Material	Stainless Steel Reinforcing Grill (IP22/ IP2x Standard)
Optic material	UL 746 compliant, visual, UV and IR transmissive polymer; -40°C (-40°F) to 325°C (617°F)
Gasket material	UL 94 5VA TPE; -40°C (-40°F) to 273°C (523°F)
Hardware Material	316 stainless steel

Size specifications	
Overall Height	20.6 cm (8.1 in)
Overall Width	30.5 cm (12 in)

CAUTION

Caution: The dimensions listed above are not installation dimensions. Do NOT cut prior to receiving your FLIR window and installation template.

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Optic Specifications	
Aperture overall Height	12.7 cm (5.0 in)
Aperture overall Width	23.6 cm (9.3 in),
Optic temperature range	-40°C (-40°F) to 325°C (617°F)

Inspection Capabilities and Applications	
Midwave IR, Longwave IR	Yes
Ultraviolet (UV)	Yes
Visual Inspection	Yes
Medium High Voltage Applications	Yes
Outdoor Applications	Yes

Certifications
Certified by UL (USA) & cUL (Canada) to the following standards: 50V, 50E, 756C: Impact and Flammability, 746C & 746A-2012, 1558: Impact and Load Resistance, 508A: ANSI 508A
CSA Certifications: C22.2 No. 14-13, C22.2 No. 14-10, C22.2 No. 94-M91, C22.2 No. 94.1-07, C22.2 No. 94.2-07
IEEE Certifications: C37 20.7 Type 2B, C37 20.2.a.3.6: Impact and Load
IEC Certifications: 62271-200, 60262271-200,60298 Appendix A, 60068-2-6:2007, 60068-2-3, 60068-2-78:2012
IP65 / NEMA 6
Lloyds of London Type Approval
American Bureau of Shipping (ABS)
DNV (Det Norske Veritas) P261.1E Maritime, Vessel and Offshore Applications

Other	
Warranty	Limited lifetime warranty

Shipping information	
Packaging type	White pizza style cardboard box
Packaging contents	IRW-12PS 12" IR window, Installation template and instructions
Packaging weight	2.28 kg
Packaging dimensions (H × W × L)	56 x 248 x 346 mm (2.19" x 9.75" x 13.63")
Carton weight	14.5 kg (32 lbs)
Carton dimensions (H × W × L)	381 x 279 x 381 mm (15" x 11" x 15")
Carton quantity	6
EAN-13	0793950465202
UPC-12	793950465202
Country of Origin	USA
Tariff Code	9002190000

Technical support	
Website	http://support.flir.com

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Included in the box
IRW-12PS 12" IR window
Installation template and instructions

Optional Accessories
NA