

P/N: IRW-6PC

Copyright

© 2019, FLIR Systems, Inc.

All rights reserved worldwide. Names and marks appearing herein are either registered trademarks or trademarks of FLIR Systems and/or its subsidiaries. All other trademarks, trade names or company names referenced herein are used for identification only and are the property of their respective owners.

Document identity

Publ. No.: IRW-6PC
 Commit: 58537
 Language:
 Modified: 2019-07-31
 Formatted: 2019-07-31

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.



Part number	IRW-6PC
Part name	6in Large Format Infrared Inspection Window (Aluminum)
Part description	The new rectangular polymer IR windows series IRW-xPC 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. 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	IP65/ NEMA 4x
Voltage range	Any
Automatically grounded	Yes
Maximum operating temperature	-40°C (-40°F) to 200°C (392°F)
Body material	Aluminum
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



FLIR IRW-6PC: 6in Large Format Infrared Inspection Window (Aluminum)

P/N: IRW-6PC

© 2019, FLIR Systems, Inc.

#IRW-6PC; r. 58537;

Size specifications	
Overall Height	21.8 cm (8.6 in)
Overall Width	16 cm (6.3 in)
 CAUTION The dimensions listed above are not installation dimensions. Do NOT cut prior to receiving your FLIR window and installation template.	

Optic Specifications	
Aperture overall Height	15 cm (5.9 in)
Aperture overall Width	9.1 cm (3.6 in)
Optic temperature range	-40°C (-40°F) to 325°C (617°F)

Certifications	
Certified by UL (USA) & cUL (Canada) to the following standards: 50V, 50E, 756C: Impact and Flammability, 1558: Impact and Load Resistance, 508A: ANSI 508A	
IEEE C37 20.2.a.3.6: Impact and Load	
IP65 / NEMA 4x	
Lloyds of London Type Approval	
American Bureau of Shipping (ABS)	
BSI Quality ISO 9001 Certified System	
CSA C22.2 No. 14-13	
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	IRW6PC 6" IR window, Installation template and instructions
Packaging weight	0.57 kg (1.26 lbs)
Packaging dimensions (H x W x L)	56 x 197 x 248 mm (2.19" x 7.75" x 9.75")
Carton weight	8.16 kg (18 lbs)
Carton dimensions (H x W x L)	254 x 280 x 686 mm (10" x 11" x 27")
Carton quantity	12
EAN-13	0793950464106
UPC-12	793950464106
Country of Origin	USA
Tariff Code	9002190000

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

Included in the box	
IRW6PC 6" IR window	
Installation template and instructions	

Optional Accessories	
NA	