



# FLIR IRW-6PS: 6in Large Format Infrared Inspection Window (Stainless Steel)

## P/N: IRW-6PS

### 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-6PS

Commit: 58538

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](mailto:exportquestions@flir.com) with any questions.



Part number	IRW-6PS
Part name	6in Large Format Infrared Inspection Window (Stainless Steel)
Part 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.
<b>Materials and Ratings</b>	
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)




# FLIR IRW-6PS: 6in Large Format Infrared Inspection Window (Stainless Steel)

P/N: IRW-6PS

© 2019, FLIR Systems, Inc.

#IRW-6PS; r. 58538;

<b>Materials and Ratings</b>	
Gasket material	UL 94 5VA TPE; -40°C (-40°F) to 273°C (523°F)
Hardware Material	316 stainless steel
<b>Size specifications</b>	
Overall Height	21.8 cm (8.6 in)
Overall Width	16 cm (6.3 in)
 <b>CAUTION</b> Caution: The dimensions listed above are not installation dimensions. Do NOT cut prior to receiving your FLIR window and installation template.	
<b>Optic Specifications</b>	
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)
<b>Inspection Capabilities and Applications</b>	
Midwave IR, Longwave IR	Yes
Ultraviolet (UV)	Yes
Visual Inspection	Yes
Medium High Voltage Applications	Yes
Outdoor Applications	Yes
<b>Certifications</b>	
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	
<b>Other</b>	
Warranty	Limited lifetime warranty
<b>Shipping information</b>	
Packaging type	White pizza style cardboard box
Packaging contents	IRW-6PS 6" IR window, Installation template and instructions
Packaging weight	1.36 kg (2.99 lbs)
Packaging dimensions (H x W x L)	56 x 197 x 248 mm (2.19" x 7.75" x 9.75")
Carton weight	17.24 kg (38 lbs)
Carton dimensions (H x W x L)	254 x 280 x 686 mm (10" x 11" x 27")
Carton quantity	12
EAN-13	0793950465103



# FLIR IRW-6PS: 6in Large Format Infrared Inspection Window (Stainless Steel)

**P/N: IRW-6PS**

© 2019, FLIR Systems, Inc.

#IRW-6PS; r. 58538;

<b>Shipping information</b>	
UPC-12	793950465103
Country of Origin	USA
Tariff Code	9002190000
<b>Technical support</b>	
Website	<a href="http://support.flir.com">http://support.flir.com</a>
<b>Included in the box</b>	
IRW-6PS 6" IR window	
Installation template and instructions	
<b>Optional Accessories</b>	
NA	