FLIR IRW-3C: 3in Round Infrared Inspection Window (Aluminum)

P/N: 19251-100

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Website

http://www.flir.com

Customer support

http://support.flir.com

Disclaimer

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General description
This device is a viewport which consist of a crystal "glass" window, mounted in an aluminum frame. The glass is specially formulated to allow transmission of infrared light to allow use of infrared thermal sensing equipment without opening the enclosure. This device is intended for installation in doors or walls of electrical enclosures without compromising the integrity of the enclosure.

Power system	
Voltage	Any range

Environmental data	
Environment	Indoor/outdoor type 4/12
Operating temperature range	Maximum: 260°C (500°F)
Storage temperature range	Optics, maximum: 1357°C (2474°F)

Physical data	
Size (L × W × H)	26.9 × 99 × 107 mm (1.05 × 3.89 × 4.22 in.)
Viewing aperture diameter	69 mm (2.71 in.)
Material	Optics: CaF2 (Calcium Fluoride Crystal) Body: Anodized aluminum Hardware: steel
Comments to physical data	Required hole diameter, nominal: 88.9 mm (3.5 in.) Greenlee Punch: 739BB Maximum pullout strength: 1656 kg (3650 lb.)

Lens	
Waveband	Broadband IR: short-, mid-, and longwave
Visible light spectrum	Yes

Certifications	
Certification	UL, IP67, NEMA Type 4/12, CSA

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#19251-100; r. 57381;

Shipping information	
Packaging, type	Cardboard box
List of contents	• IR window • Case • Mounting instruction • Additional safety screw
Packaging, weight	0.39 kg (0.86 lb.)
Packaging, size	130 × 140 × 40 mm (5.12 × 5.51 × 1.58 in.)
EAN-13	4743254000735
UPC-12	845188002824
Country of origin	Estonia

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Modified Date Tuesday, November 10, 2015	**Modified By** T&M Engineering
Description IRW-3C, IRW-3S	
Units Inches (Millimeters)	**Scale** Not to Scale

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Declaration of Conformity

Extech Model: ***IRW 2C/2S, 3C/3S, 4C/4S***
Description: **FLIR IR Windows**
Date of Issue: ***16-May-19***

We, FLIR Commercial Systems, Inc., 9 Townsend West, Nashua, NH 03063 declare the status of the product above with regard to RoHS/REACH SVHC/PROP-65.

RoHS

RoHS Status: Not in Scope

REACH SVHC

REACH Status: Compliant

REACH Directive: 1907/2006 Article 33 (January 15, 2019)

PROP-65

Prop-65 Status: Compliant
Substance List updated November 28, 2018

The product identified above has been tested to the appropriate standards and protocols to guarantee the results as presented.

Attested to by:

Mark Sultzbach / QA Manager