



Thermal Focus®
Sterk in Temperatuur
 De Vijf Kuilen 2
 2380 Ravels - Belgium
 BE 0647.621.884
info@thermalfocus.eu
 Tel. +32 14 42.96.50
WWW.THERMALFOCUS.EU

P/N: 29257-203

Copyright

© 2018, 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.: 29257-203
 Release:
 Commit: 49835
 Language: en-US
 Modified: 2018-05-16
 Formatted: 2018-05-16

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.



Detector data	
Detector Type	FLIR Indium Antimonide (InSb)
Spectral Range	3.0 – 5.0 μm
Resolution	1344 x 784
Detector Pitch	14 μm
Thermal Sensitivity/NETD	< 30 mK (25 mK typical)
Well Capacity	5.9 M electrons
Operability	> 99.5% (> 99.9% typical)
Sensor Cooling	Closed-cycle linear Stirling cooler

Electronics	
Readout Type	Snapshot
Readout Modes	Asynchronous integrate while read, Asynchronous integrate then read
Synchronization Modes	Sync In, Sync Out
Image Time Stamp	Internal IRIG-B timestamp clock, TSPI accurate
Integration Time	480 ns to Full Frame
Pixel Clock	200 MHz
Frame Rate (Full Window)	Programmable; 0.0015 Hz to 124 Hz at full window
Subwindow Mode	Flexible windowing down to 64 x 4 (steps of 64 columns, 4 rows)
Dynamic Range	14-bit
On-Camera Image Storage	None
Radiometric Data Streaming	Gigabit Ethernet (GigE Vision), Camera Link Full
Standard Video	HD-SDI
Command and Control	Gigabit Ethernet, not Genicam compliant

Optics	
Camera f/Number	f/5
Lens	120-1200 mm Zoom
Focus	Motorized FOV/Focus

Image/Video Presentation	
Palettes	Selectable 8-bit
Automatic Gain Control	Manual, Linear, Plateau equalization, ROI, DDE
Overlay	Customizable
Video Modes	HD: 720p/59.9/50Hz, 1080p/29.9/25Hz
Digital Zoom	1x, 2x, 4x



FLIR RS8303

P/N: 29257-203

© 2018, FLIR Systems, Inc.

#29257-203; r. /49835; en-US

General	
Operating Temperature Range	-20°C to 50°C (-4 to 122°F)
Shock/Vibration	40 g, 11 msec ½ sine pulse/4.3 g RMS random vibration, all 3 axes
Power	24 VDC (< 24 W steady state)
Weight	40 kg. (88 lbs.)
Size (L x W x H)	914 mm x 305 mm x 287 mm (36 in. length x 12 in. x 11.3 in.)
Mounting	9 x 3/8"-16 tapped holes

Supplies & accessories:

NOTES:

1. WEIGHT: 90 LBS, LENS AND CAMERA (APPROX FROM MODEL)

