



# James L. Griffin Co., Inc.

## System Specifications

<b>Video Format</b>	CCIR601 NTSC or PAL-M
<b>Frame Rate</b>	60 Hz NTSC, 50 Hz PAL
<b>Serial Interface</b>	RS-232 or RS-422
<b>Power Requirements</b>	11-16 V DC / 18 watts typical @ 25°C
<b>Environmentals</b>	Unit is sealed and backfilled with dry nitrogen Front Element Defroster, rated IP67 Operating Temp. Range -20°C to 50°C Non-Operating Temp. Range -40°C to 70°C
<b>Camera Controls</b>	Controls are available on a hand held pendant, rack mounted controller, or through a PC via an RS232/RS422 link.
<b>NEDT</b>	< 40mK
<b>Mounting</b>	¼ -20 Tripod interface

## Sensor Specifications

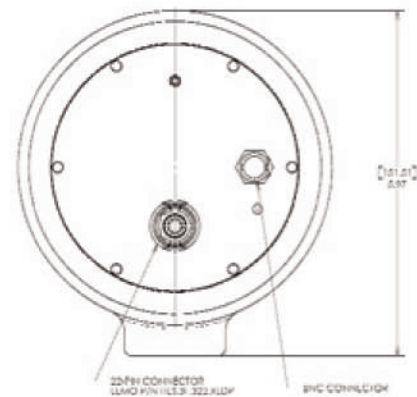
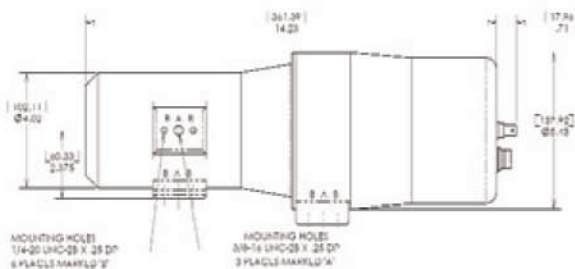
<b>Detector</b>	320 x 256 InSb FPA, 30µ pitch, usable format 320 x 240
<b>Spectral Band</b>	3-5µm
<b>Detector MTBF</b>	7,500 hours

## Optical Characteristics

<b>Type</b>	Dual Field of View, 50/250mm motorized focus Motorized remote operation, Auto and manual focus adjust
<b>F-number</b>	4
<b>Spectral Range</b>	3-5µm
<b>Field of View</b>	Dual FOV 2.2° x 1.65° (Narrow), 11.0° x 8.2° (Wide)
<b>Weight</b>	~ 7.4 lbs (3.4kg)
<b>Length</b>	14.23" (36.14cm)

## System Integration:

**Pan and Tilt, Wireless, Fibre Optic**



Model numbers and specifications are subject to change without notice.

[www.jlgriffin.com](http://www.jlgriffin.com)

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