

# CAPIS LS 301 Camera 11gm

Area scan, Doppler speed reference output, IR VF lens



## Specifications

Sensor	IMX267
Shutter	Global Shutter
Sensor Format	1
Sensor Type	CMOS
Sensor Size	14.1 mm x 7.5 mm
Resolution (HxV)	4096 px x 2160 px
Resolution	9 MP
Pixel Size (H x V)	3.45 $\mu\text{m}$ x 3.45 $\mu\text{m}$
Frame Rate	12 fps
Mono/Color	Mono

## EMVA Data

EMVA Quantum Efficiency 69.0 %  
(typical)

Dark Noise (typical) 2.3 e<sup>-</sup>

Saturation Capacity (typical) 10.2 ke<sup>-</sup>

Dynamic Range (typical) 72.8 dB

Signal-to-Noise Ratio (typical) 40.1 dB

## Camera Data

### Doppler speed reference output

Interface	GigE
Pixel Bit Depth	10 or 12 bits
Synchronization	<ul style="list-style-type: none"><li>▪ software trigger</li><li>▪ free-run</li><li>▪ hardware trigger</li></ul>
▪ Exposure Control	<ul style="list-style-type: none"><li>▪ hardware trigger</li><li>▪ programmable via the camera API</li></ul>
▪ Digital Input	1
Digital Output	1
General Purpose I/O	1
Power Supply	<ul style="list-style-type: none"><li>▪ PoE or 12-24 VDC</li></ul>
▪ Power Requirements (typical)	2.7 W
Power Consumption PoE	3.2 W

## Housing

Housing Type	Box
Housing Size (L x W x H)	50 mm x 40 mm x 30 mm
Lens Mount	<ul style="list-style-type: none"><li>▪ C-mount</li></ul>
▪ Operating Temperature	0 - 50°C
Weight (typical)	90g

## Conformity

Conformity	<ul style="list-style-type: none"><li>▪ CE</li><li>▪ RoHS</li><li>▪ GenICam</li><li>▪ GigE Vision</li><li>▪ IP30</li><li>▪ FCC</li><li>▪ UL</li><li>▪ KC</li><li>▪ EAC</li></ul>
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