

# CAPIS LS 301 Camera 60uc

Area scan, Doppler speed reference output, IR VF lens



## Specifications

Sensor	IMX334ROI
Shutter	Rolling Shutter
Sensor Format	1/2.8
Sensor Type	CMOS
Sensor Size	5.2 mm x 3.9 mm
Resolution (HxV)	2592 px x 1944 px
Resolution	5 MP
Pixel Size (H x V)	2 $\mu\text{m}$ x 2 $\mu\text{m}$
Frame Rate	60 fps
Mono/Color	Color

## EMVA Data

EMVA Quantum Efficiency 72.6 %  
(typical)

Dark Noise (typical)	2.0 e <sup>-</sup>
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Dynamic Range (typical)	69.5 dB
Signal-to-Noise Ratio (typical)	38.8 dB

## Camera Data

### Doppler speed reference output

Interface	USB
3.0	

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Pixel Bit Depth	8/10/12 bits
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Synchronization	<ul style="list-style-type: none"><li>▪ free-run</li><li>▪ hardware trigger</li><li>▪ software trigger</li></ul>
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▪ Exposure Control	<ul style="list-style-type: none"><li>▪ programmable via the camera API</li><li>▪ hardware trigger</li></ul>
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▪ Digital Input	1
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General Purpose I/O	2
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Power Supply	<ul style="list-style-type: none"><li>▪ Via USB 3.0 interface</li></ul>
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Power Requirements (typical)	3 W
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## Housing

Housing Type	Box
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Housing Size (L x W x H)	42.8 mm x 29 mm x 29 mm
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Lens Mount	<ul style="list-style-type: none"><li>▪ C-mount</li></ul>
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▪ Operating Temperature	-10°C - 60°C
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Weight (typical)	90g
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## Conformity

Conformity	<ul style="list-style-type: none"><li>▪ RoHS</li><li>▪ CE</li><li>▪ IP30</li><li>▪ FCC</li><li>▪ UL (in preparation)</li><li>▪ GenICam</li><li>▪ USB3 Vision</li><li>▪ KC</li><li>▪ EAC</li></ul>
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