

CAPIS LS 301 Camera 30um

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 2168 px
Resolution	9 MP
Pixel Size (H x V)	3.45 μm x 3.45 μm
Frame Rate	32 fps
Mono/Color	Mono

EMVA Quantum Efficiency 68.0 %
(typical)

Dark Noise (typical)	2.3 e^-
Saturation Capacity (typical)	10.3 ke^-
Dynamic Range (typical)	72.8 dB
Signal-to-Noise Ratio (typical)	40.1 dB

Camera Data

Doppler speed reference output

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

Housing

Housing Type	Box
Housing Size (L x W x H)	35.8 mm x 40 mm x 30 mm
Lens Mount	<ul style="list-style-type: none">▪ C-mount
▪ Operating Temperature	0 - 50°C
Weight (typical)	80g

Conformity

Conformity	<ul style="list-style-type: none">▪ CE▪ RoHS▪ GenICam▪ IP30▪ FCC▪ USB3 Vision▪ UL▪ KC▪ EAC
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