

Sensor

Sensor Vendor	Sony
Sensor	IMX287
Shutter	Global Shutter
Max. Image Circle	1/2.9"
Sensor Type	CMOS
Sensor Size	5 mm x 3.7 mm
Resolution (H x V)	720 px x 540 px
Resolution	VGA
Pixel Size (H x V)	6.9 μm x 6.9 μm
Frame Rate	520 fps
Mono/ Color	Mono

Camera Data

Interface	USB 3.0
Pixel Bit Depth	10 / 12 bits
Synchronization	■ hardware trigger ■ free-run ■ software trigger
Exposure Control	■ programmable via the camera API ■ hardware trigger
Digital Input	1
Digital Output	1
General Purpose I/O	2
Power Requirements	■ Via USB 3.0 interface

Housing

Housing Type	Box
Housing Size (L x W x H)	29.3 mm x 29 mm x 29 mm
Lens Mount	■ C-mount
Housing Temperature	0 - 50°C
Weight (typical)	80g

Conformity

Conformity	■ RoHS ■ FCC Class B ■ CE ■ IP30 ■ UL (in preparation) ■ GenICam ■ USB3 Vision
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