

Sensor

Sensor Vendor	Sony
Sensor	IMX273
Shutter	Global Shutter
Max. Image Circle	1/2.9"
Sensor Type	CMOS
Sensor Size	5 mm x 3.7 mm
Resolution (H x V)	1440 px x 1080 px
Resolution	1.6 MP
Pixel Size (H x V)	3.45 μm x 3.45 μm
Frame Rate	73 fps
Mono/ Color	Mono

Camera Data

Interface	GigE
Pixel Bit Depth	10 / 12 bits
Synchronization	▪ Ethernet connection ▪ hardware trigger ▪ free-run
Exposure Control	▪ programmable via the camera API ▪ hardware trigger
Digital Input	1
Digital Output	1
General Purpose I/O	1
Power Requirements	▪ PoE or 12 VDC

Housing

Housing Type	Box
Housing Size (L x W x H)	42 mm x 29 mm x 29 mm
Lens Mount	▪ C-mount
Housing Temperature	0 - 50°C
Weight (typical)	90g

Conformity

Conformity	▪ RoHS ▪ GigE Vision ▪ FCC Class B ▪ CE ▪ IP30 ▪ IEEE 802.3af (PoE) ▪ UL (in preparation) ▪ GenICam
------------	---