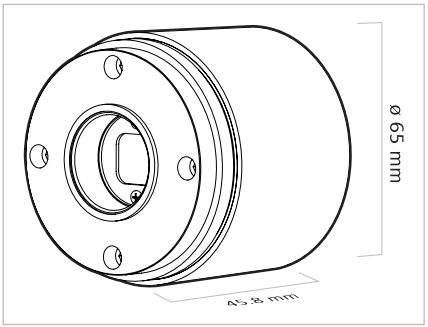
TXG13-I7 Facts and Data



GiGE VISION GENICAM

Baumer IP67

CE FC RoHS COMPLIANT 2002/95/EC

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Digital Monochrome Matrix Camera, 1.4 Megapixels, Gigabit Ethernet with IP67-rated Enclosure

Sensor Information

Model Name	SONY® ICX267
Type	1/2" interline progressive scan CCD
Native Resolution	1392 × 1040 pixels
Exposure Time	4 µsec ... 60 sec

Acquisition Formats

Image Formats	Full Frame HQ	1392 × 1040 pixels	max. 10.0 fps
	Full Frame	1392 × 1040 pixels	max. 20.0 fps
	Binning 2x2 HQ	696 × 520 pixels	max. 19.0 fps
	Binning 2x2	696 × 520 pixels	max. 39.0 fps
	Binning 1x2 HQ	1392 × 520 pixels	max. 19.0 fps
	Binning 1x2	1392 × 520 pixels	max. 39.0 fps
	Binning 2x1 HQ	696 × 1040 pixels	max. 10.0 fps
	Binning 2x1	696 × 1040 pixels	max. 20.0 fps
Pixel Formats	Mono8, Mono12, Mono12 Packed		
Partial Scan	True Partial Scan, Region of Interest (ROI) arbitrary		

Image Pre-processing

Analog Controls	Gain (0 ... 20 dB), Offset (0 ... 255 LSB | 12 bit)
Color Models	Mono

Camera Features

Internal Buffer	32 MBytes (max. 7 images)
Synchronization	Free running, Trigger, Sequencer
Trigger Sources	Hardware, Software, ActionCommand
Trigger Delay	0 ... 2 sec, Tracking and buffering of up to 512 trigger signals
Sequencer	Automated control for series of images using different sets of parameters
Sequencer Characteristics	up to 256 sets of parameters, up to 4 billion loop passes, up to 4 billion repetitions of sets of parameters, up to 4 billion images per trigger event
Sequencer Parameters	Exposure Time, Gain Factor
Digital I/Os	1 input line (with Debouncer), 1 output line

Interfaces and Connectors

Data Interface	Gigabit Ethernet, Transfer rate up to 1000 Mbits/sec Connector: M12 / 8 pins
Process Interface	M8 / 4 pins
Power Interface	M8 / 3 pins

Mechanical Data

Housing	Aluminum, IP67
Lens Mount	C-Mount
Dimensions	ø 65 mm × 50 mm
Weight	< 360 g

Electrical Data

Power Supply	8 ... 30 V DC
Power Consumption	approx. 4 Watts

Environmental Data

Operating Temperature	+5 °C ... +50 °C (+41 °F ... +121 °F)
Humidity	10% ... 90% non condensing

Technical data has been fully checked, but accuracy of printed matter not guaranteed.
Subject to change without notice. Printed in Germany 08/09