

overview

- 2448 × 2048 px
- Sony IMX264
- 2/3" CMOS
- 35 fps
- USB 3.0
- available



technical data

sensor information		camera features	
sensor	Sony IMX264	trigger delay	0 ... 2 sec, tracking and buffering of up to 256 trigger signals
resolution	2448 × 2048 px	internal image buffer	445 MB 31 images (Trigger Mode) 1 image (Free Running Mode)
exposure time	0,001 ... 60000 ms	interfaces and connectors	
pixel size	3.45 × 3.45 µm	data interface	USB 3.0, Transfer Rate 5000 Mb/s/sec, Connector: USB 3.0 Micro B
shutter type	Global shutter	process interface	M8 / 8 pins (SACC-DSI-M8MS-8CON-M8-L180)
sensor type	2/3" CMOS	power supply	via USB 3.0 interface
acquisition formats		mechanical data	
image formats, interface frame rate max.	Full Frame, 2448 × 2048 px, max. 35 fps Binning 2×2, 1224 × 1024 px, max. 35 fps Binning 2×1, 1224 × 2048 px, max. 35 fps Binning 1×2, 2448 × 1024 px, max. 35 fps	lens mount	C-mount
pixel formats	Mono8 Mono10 Mono12 Mono12 Packed	width	29 mm
image preprocessing		height	29 mm
analog controls	Gain (0 ... 48 dB) Offset (0 ... 255 LSB 12 Bit)	depth	38 mm
color models	Mono	weight	≤ 90 g
camera features		material	zinc die casting, nickel-plated, IP 40
synchronization	free running trigger	electrical data	
trigger sources	Hardware software	power consumption	approx. 2,7 W @ 35,0 fps
		operating voltage	5 VDC (via USB3.0 interface)
		non-volatile memory	
		flash memory size	128 kB
		environmental conditions	
		operating temperature	+5 ... +65 °C @ T = measurement point
		humidity	10 ... 90 % (non-condensing)

technical data

environmental conditions

protection class IP 40

digital I/Os

lines
1 input line
1 output line
2 general purpose lines

conformity

conformity
CE
RoHS
KC (MISP-REI-BkR-VCXU-50M)
EAC

dimension drawing

