

VEXG-52M.R

Gigabit Ethernet, 5 Megapixel, Monochrome

Article number: 11185978

overview

- 2592 × 1944 px
- ON Semiconductor MT9P031
- 1/2.5" CMOS
- 14 fps
- Gigabit Ethernet
- available



technical data

sensor information		camera features	
sensor	ON Semiconductor MT9P031	trigger sources	Hardware software
resolution	2592 × 1944 px	internal image buffer	15 MB 1 image (Trigger Mode) 1 image (Free Running Mode)
exposure time	0,02 ... 1000 ms	interfaces and connectors	
pixel size	2.2 × 2.2 μm	data interface	Gigabit Ethernet, Transfer rate 1000 Mb/s, Fast Ethernet, Transfer Rate 100 Mb/s, Connector: 8P8C Modular Jack (RJ45), screwable type
shutter type	Rolling shutter Global reset shutter	process interface	M8 / 4 pins (SACC-DSI-M 8MS-4CON-L180)
sensor type	1/2.5" CMOS	power supply	M8 / 4 pins
acquisition formats		mechanical data	
image formats, interface frame rate max.	Full Frame, 2592 × 1944 px, max. 14 fps Binning 2×2, 1296 × 972 px, max. 14 fps Binning 2×1, 1296 × 1944 px, max. 14 fps Binning 1×2, 2592 × 972 px, max. 14 fps	lens mount	CS-mount
image formats, acquisition frame rate max. (Burst Mode)	Full Frame, 2592 × 1944 px, max. 14 fps	width	29 mm
pixel formats	Mono8 Mono12 Mono12 Packed	height	29 mm
image preprocessing		depth	49 mm
analog controls	Gain (0 ... 12 dB) Offset (0 ... 255 LSB 12 Bit)	weight	≤ 120 g
color models	Mono	material	zinc die casting, nickel-plated, IP 40
camera features		electrical data	
synchronization	free running trigger	voltage supply range +Vs	12 ... 24 V DC (external power supply)
		power consumption	approx. 2,0 W @ 12 VDC and 14 fps
		non-volatile memory	
		flash memory size	128 kB

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environmental conditions

operating temperature	+5 ... +60 °C @ T = measurement point
humidity	10 ... 90 % (non-condensing)
protection class	IP 40

digital I/Os

lines	1 input line 1 output line
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conformity

conformity	CE
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dimension drawing

