Baumer
Passion for Sensors

Industrial cameras

VEXG-52M.R

Gigabit Ethernet, 5 Megapixel, Monochrome

Article number: 11185978

sensor information	
sensor	ON Semiconductor MT9P031
resolution	2592 × 1944 px
exposure time	0,002 ... 1000 ms
pixel size	2.2 × 2.2 µm
shutter type	Rolling shutter Global reset shutter
sensor type	1/2.5″ CMOS
acquisition formats	
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
image formats, aquisition frame rate max. (Burst Mode)	Full Frame, 2592 × 1944 px, max. 14 fps
pixel formats	Mono8 Mono12 Mono12 Packed
image preprocessing	
analog controls	Gain (0 … 12 dB) Offset (0 … 255 LSB 12 Bit)
color models	Mono
interfaces and connectors	
data interface	Gigabit Ethernet, Transfer rate 1000 Mbits/sec, Fast Ethernet, Transfer Rate 100 Mbits/sec, Connector: 8P8C Modular Jack (RJ45), screwable type
process interface	M8 / 4 pins (SACC-DSI-M 8MS-4CON-L180)
power supply	M8 / 4 pins
mechanical data	
lens mount	CS-mount
width	29 mm
height	29 mm

mechanical data	
depth	49 mm
weight	≤ 120 g
material	zinc die casting, nickel-plated, IP 40
electrical data	
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
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
conformity	
conformity	CE RoHS KC (R-REI-BkR-VEXG-52MR) EAC

EN/250219

Industrial cameras

VEXG-52M.R

Gigabit Ethernet, 5 Megapixel, Monochrome

Article number: 11185978

dimension drawing