Baumer
Passion for Sensors

Industrial cameras
VLG-40M.I
Gigabit Ethernet, 4,0 Megapixel, Monochrome
Article number: 11104902

GiGE VISION   GEN<i>CAM

CE   RoHS COMPLIANT

sensor information

sensor	ams (CMOSIS) CMV4000
resolution	2040 × 2044 px
exposure time	0,02 ... 1000 ms
pixel size	5.5 × 5.5 µm
shutter type	Global shutter
sensor type	1″ CMOS

acquisition formats

image formats, interface frame rate max.	Full Frame, 2040 × 2044 px, max. 29 fps
pixel formats	Mono8 Mono12 Mono12 Packed

image preprocessing

analog controls	Gain (0 … 18 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: SACC-CI-M12FS-8CON-L180-10G
process interface / power supply	SACC-CI-M12MS-8CON-SH TOR 32 / 8 pins

mechanical data

lens mount	C-mount
width	46 mm
height	46 mm
depth	49,8 mm
weight	≤ 185 g ≤ 220 g (incl. tube)
material	aluminum, IP 65 / 67

electrical data

voltage supply range +Vs	12 ... 24 V DC (external power supply) 36 ... 57 V DC (Power over Ethernet)
power consumption	approx. 3,6 W @ 12 VDC and 29,0 fps approx. 3,7 W @ 48 VDC (PoE) and 23,5 fps

non-volatile memory

flash memory size	128 kB

environmental conditions

operating temperature	+5 … +50 °C
humidity	10 … 90 % (non-condensing)
protection class	IP 40 IP 54 (with mounted tube and cable) IP 65 (with mounted tube and cable) IP 67 (with mounted tube and cable) IP 69K (with stainless steel housing accessory)

digital I/Os

lines	1 input line 3 output lines

conformity

conformity	CE RoHS

dimension drawing

46 mm, 46 mm, 49,8 mm

EN/250219