



**GIG** VISION **GEN<i>i</i>CAM**



sensor information		mechanical data	
sensor	ams (CMOSIS) CMV4000	width	46 mm
resolution	2040 × 2044 px	height	46 mm
exposure time	0,02 ... 1000 ms	depth	49,8 mm
pixel size	5.5 × 5.5 µm	weight	≤ 185 g ≤ 220 g (incl. tube)
shutter type	Global shutter	material	aluminum, IP 65 / 67
sensor type	1" CMOS	electrical data	
acquisition formats		voltage supply	12 ... 24 V DC (external power supply)
image formats, interface	Full Frame, 2040 × 2044 px, max. 29 fps	range +Vs	36 ... 57 V DC (Power over Ethernet)
frame rate max.		power consumption	approx. 3,6 W @ 12 VDC and 29,0 fps approx. 3,7 W @ 48 VDC (PoE) and 23,5 fps
pixel formats	Mono8 BayerRG8 BayerRG12 RGB8 Packed BGR8 Packed YUV411 Packed YUV422 Packed YUV444 Packed	non-volatile memory	
image preprocessing		flash memory size	128 kB
analog controls	Gain (0 ... 18 dB) Offset (0 ... 255 LSB 12 Bit)	environmental conditions	
color models	RGB YUV Mono	operating temperature	+5 ... +50 °C
color processing	Integrated color processor for high quality color calculation	humidity	10 ... 90 % (non-condensing)
interfaces and connectors		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)
data interface	Gigabit Ethernet, Transfer rate 1000 Mbits/sec, Fast Ethernet, Transfer Rate 100 Mbits/sec, Connector: SACC-CI-M12FS-8CON-L180-10G	digital I/Os	
process interface / power supply	SACC-CI-M12MS-8CON-SH TOR 32 / 8 pins	lines	1 input line 3 output lines
mechanical data		conformity	
lens mount	C-mount	conformity	CE RoHS

# VLG-40C.I

Gigabit Ethernet, 4,0 Megapixel, Color

Article number: 11104903

## dimension drawing

