



**10 GIGE VISION GEN<i>i>CAM**



#### sensor information

sensor	ams (CMOSIS) CMV12000
type	APS-C progressive scan CMOS, global shutter
resolution	4096 × 3068 px
exposure time	0,01 ... 1000 ms
color filter	RGB Bayer Mosaic
pixel size	5.5 × 5.5 µm

#### acquisition formats

image formats, frame rate max.	Full Frame, 4096 × 3068 px, max. 336 fps
pixel formats	BayerGB8

#### image preprocessing

analog controls	Gain (0 ... 12 dB) Offset (0 ... 31 LSB 8 Bit)
color models	Raw Bayer
color processing	NA

#### interfaces and connectors

data interface	10 Gigabit Ethernet, Transfer rate 10000 Mbits/sec, Gigabit Ethernet, Transfer rate 1000 Mbits/sec, connector: SACC-CI-M12FS-8CON-L180-10G
process interface / power supply	SACC-CI-M12MS-8CON-SH TOR 32 / 8 pins

#### mechanical data

material	housing: aluminum
lens mount	M58-mount (F-mount, M42, C-mount via adapter)
width	70 mm
height	70 mm
depth	99,15 mm
weight	≤ 600 g (M58-mount)

#### electrical data

voltage supply range +Vs	12 ... 24 V DC (external power supply)
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#### electrical data

power consumption	approx. 19 W @ 24 VDC
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#### non-volatile memory

flash memory size	32 Mbit
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#### environmental conditions

operating temperature	+5 ... +66 °C @ T = measurement point
humidity	10 ... 90 % (non-condensing)
protection class	IP 40

#### conformity

conformity	CE RoHS
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**dimension drawing**

