



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



sensor information

sensor	Sony IMX249
type	1/1.2" progressive scan CMOS
resolution	1920 × 1200 px
exposure time	0,045 ... 60000 ms
pixel size	5.86 × 5.86 µm

acquisition formats

image formats, frame rate max.	Full Frame, 1920 × 1200 px, max. 38,5 fps
pixel formats	Mono8 Mono12 Mono12 Packed

image pre-processing

analog controls	Gain (0 ... 48 dB) Offset (0 ... 255 LSB 12 Bit)
color models	Mono

interfaces and connectors

data interface	Gigabit Ethernet, Transfer rate 1000 Mb/s, Fast Ethernet, Transfer Rate 100 Mb/s, Connector: 8P8C Modular Jack (RJ45), screw lock type
process interface	SACC-DSI-M8FS-3CON-M10-L180 SH
power supply	SACC-DSI-M 8MS-6CON-L180 SH

mechanical data

material	camera support: aluminum case and back plane: zinc die casting, nickel-plated, IP 40
lens mount	C-mount
width	33 mm
height	33 mm
depth	48 mm
weight	≤ 125 g

electrical data

voltage supply	12 ... 24 V DC (external power supply)
range +Vs	36 ... 57 V DC (Power over Ethernet)
power consumption	approx. 3,5 W @ 12 VDC und 38,5 fps approx. 3,8 W @ 48 VDC (PoE) and 38,5 fps

environmental conditions

operating temperature	+5 ... +50 °C
humidity	10 ... 90 % (non-condensing)
protection class	IP 40

digital I/Os

lines	1 input line 3 output lines
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dimension drawing

