



**GEN<i>i>CAM**



### sensor information

sensor	ON Semiconductor PYTHON2000
type	2/3" progressive scan CMOS
resolution	2592 × 2048 px
exposure time	0,02 ... 1000 ms
pixel size	4.8 × 4.8 μm

### acquisition formats

image formats, frame rate max.	Full Frame, 1920 × 1200 px, max. 53,0 fps Binning 2×2, 960 × 600 px, max. 59,0 fps Binning 2×1, 960 × 1200 px, max. 59,0 fps Binning 1×2, 1920 × 600 px, max. 59,0 fps
pixel formats	Mono8 Mono10

### image pre-processing

analog controls	Gain (0 ... 12 dB) Offset (0 ... 63 LSB 10 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 / 8 pins (SACC-DSI-M8FS-8CONM10-L180 SH)
power supply	M8 / 8 pins or PoE

### mechanical data

material	zinc die casting, nickel-plated, IP 40
lens mount	C-mount
width	29 mm
height	29 mm
depth	49 mm
weight	≤ 120 g

### electrical data

power consumption	approx. 3,0 W @ 12 VDC und 53,0 fps approx. 3,6 W @ 48 VDC (PoE) und 53,0 fps
-------------------	----------------------------------------------------------------------------------

### environmental conditions

operating temperature	+5 ... +65 °C
humidity	10 ... 90 % (non-condensing)
protection class	IP 40

### digital I/Os

lines	1 input line 1 output line 2 general purpose lines
-------	----------------------------------------------------------

### dimension drawing

