



Distribution in the UK & Ireland



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GEN<I>CAM



sensor information

sensor	ON Semiconductor PYTHON300
type	1/4" progressive scan CMOS
resolution	640 × 480 px
exposure time	0,04 ... 1000 ms
pixel size	4.8 × 4.8 µm

acquisition formats

image formats,	Full Frame, 640 × 480 px, max. 217,0 fps
frame rate max.	Binning 2×2, 320 × 240 px, max. 217,0 fps
	Binning 2×1, 320 × 480 px, max. 217,0 fps
	Binning 1×2, 640 × 240 px, max. 217,0 fps

pixel formats	Mono8
	Mono10

image pre-processing

analog controls	Gain (0 ... 12 dB)
	Offset (0 ... 63 LSB 10 Bit)

color models	Mono
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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 / 4 pins (SACC-DSI-M 8MS-4CON-L180)
power supply	M8 / 4 pins

mechanical data

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

electrical data

power consumption	approx. 2,2 W @ 12 VDC and 217 fps
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environmental conditions

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

digital I/Os

lines	1 input line
	1 output line

dimension drawing

