



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



### sensor information

sensor	ON Semiconductor PYTHON 25K
resolution	5120 × 5120 px
exposure time	0,06 ... 1000 ms
pixel size	4.5 × 4.5 μm
shutter type	Global shutter
sensor type	APS-H CMOS

### acquisition formats

image formats, interface frame rate max.	Full Frame, 5120 × 5120 px, max. 4 fps
image formats, acquisition frame rate max. (Burst Mode)	Full Frame, 5120 × 5120 px, max. 10 fps
pixel formats	Mono8 Mono10 Mono10 Packed

### image preprocessing

analog controls	Gain (0 ... 23,5 dB) Offset (0 ... 63 LSB 10 Bit)
color models	Mono
image processing	JPEG

### interfaces and connectors

data interface	Gigabit Ethernet, Transfer rate 1000 Mb/s/sec, Connector: 8P8C Modular Jack (RJ45), screwable type
process interface	M8 / 8 pins (2x)
power supply	M8 / 8 pins

### mechanical data

lens mount	M58-mount (F-mount, M42, C-mount via adapter)
width	60 mm
height	60 mm
depth	56,32 mm

### mechanical data

weight	≤ 320 g (M58-mount)
material	housing: aluminum

### electrical data

voltage supply	12 ... 24 V DC (external power supply)
range +Vs	36 ... 57 V DC (Power over Ethernet)
power consumption	approx. 7,7 W @ 24 VDC (sequential readout) approx. 8,7 W @ 48 VDC (PoE, sequential readout)

### non-volatile memory

flash memory size	128 kB
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### environmental conditions

operating temperature	+5 ... +60 °C @ T = measurement point
humidity	10 ... 90 % (non-condensing)
protection class	IP 40

### conformity

conformity	RoHS
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