

overview

- 3360 × 2496 px
- ams (CMOSIS) CMV8000
- 4/3" CMOS
- 29 fps
- Dual Gigabit Ethernet
- available



technical data

sensor information		camera features	
sensor	ams (CMOSIS) CMV8000	sequencer	Automated control for series of images using different sets of parameters
resolution	3360 × 2496 px	sequencer parameter	exposure time gain factor output ROI Offset x ROI Offset y
exposure time	0,04 ... 1000 ms	digital inputs	1 input line
color filter	RGB Bayer Mosaic	digital outputs	3 output lines
pixel size	5.5 × 5.5 µm	internal image buffer	512 MB
shutter type	Global shutter	interfaces and connectors	
sensor type	4/3" CMOS	data interface	Dual Gigabit Ethernet, Transfer rate 2000 Mb/s/sec, Connector: 2 x 8P8C Modular Jack (RJ45), screwable type
acquisition formats		process interface	M8 / 8 pins
image formats, interface	Full Frame, 3360 × 2496 px, max. 29 fps frame rate max.	power supply	M8 / 8 pins
image formats, acquisition	Full Frame, 3360 × 2496 px, max. 61 fps frame rate max. (Burst Mode)	mechanical data	
pixel formats	BayerGB8 BayerGB12 BayerGB12 Packed	lens mount	M58-mount (F-mount, M42, C-mount via adapter)
image preprocessing		width	60 mm
analog controls	Gain (0 ... 12 dB) Offset (0 ... 255 LSB 12 Bit)	height	60 mm
color models	Raw Bayer	depth	54,25 mm
camera features		weight	≤ 290 g (M58-mount)
synchronization	free running trigger	material	housing: aluminum
trigger sources	Hardware software ActionCommand	electrical data	
trigger delay	0 ... 2 sec, tracking and buffering of up to 256 trigger signals	voltage supply range +Vs	12 ... 24 V DC (external power supply) 36 ... 57 V DC (Power over Ethernet)

LXG-80C

Dual GigE, 20 Megapixel, Color

Article number: 11125118

technical data

electrical data

power consumption	approx. 7,2 W @ 24 VDC
	approx. 7,2 W @ 48 VDC (PoE)

non-volatile memory

flash memory size	128 kB
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environmental conditions

operating temperature	+5 ... +66 °C @ T = measurement point
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environmental conditions

humidity	10 ... 90 % (non-condensing)
protection class	IP 40

conformity

conformity	CE
	RoHS
	EAC

dimension drawing

