

overview

- 4096 × 3072 px
- ams (CMOSIS) CMV12000
- APS-C CMOS
- 19 fps
- Dual Gigabit Ethernet
- available



technical data

sensor information		camera features	
sensor	ams (CMOSIS) CMV12000	trigger sources	Hardware software ActionCommand
resolution	4096 × 3072 px	trigger delay	0 ... 2 sec, tracking and buffering of up to 256 trigger signals
exposure time	0,04 ... 1000 ms	sequencer	Automated control for series of images using different sets of parameters
pixel size	5.5 × 5.5 µm	sequencer parameter	exposure time gain factor output ROI Offset x ROI Offset y
shutter type	Global shutter	digital inputs	1 input line
sensor type	APS-C CMOS	digital outputs	3 output lines
acquisition formats		internal image buffer	512 MB
image formats, interface frame rate max.	Full Frame, 4096 × 3072 px, max. 19 fps Binning 2×2, 2048 × 1536 px, max. 19 fps Binning 1×2, 4096 × 1536 px, max. 19 fps Binning 2×1, 2048 × 3072 px, max. 19 fps	interfaces and connectors	
image formats, acquisition frame rate max. (Burst Mode)	Full Frame, 4096 × 3072 px, max. 50 fps	data interface	Dual Gigabit Ethernet, Transfer rate 2000 Mb/s/sec, Connector: 2 x 8P8C Modular Jack (RJ45), screwable type
pixel formats	Mono8 Mono12 Mono12 Packed	process interface	M8 / 8 pins
image preprocessing		power supply	M8 / 8 pins
analog controls	Gain (0 ... 12 dB) Offset (0 ... 255 LSB 12 Bit)	mechanical data	
color models	Mono	lens mount	M58-mount (F-mount, M42, C-mount via adapter)
camera features		width	60 mm
synchronization	free running trigger	height	60 mm
		depth	54,25 mm
		weight	≤ 290 g (M58-mount)

LXG-120M

Dual GigE, 12 Megapixel, Monochrome

Article number: 11117846

technical data

mechanical data

material housing: aluminum

electrical data

voltage supply range +Vs 12 ... 24 V DC (external power supply)
36 ... 57 V DC (Power over Ethernet)

power consumption approx. 7,0 W @ 24 VDC
approx. 6,5 W @ 48 VDC (PoE)

non-volatile memory

flash memory size 128 kB

environmental conditions

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

humidity 10 ... 90 % (non-condensing)

protection class IP 40

conformity

conformity CE
RoHS
EAC

dimension drawing

