

VQXT-120M.HS

10 GigE, 12 Megapixel, Monochrome

Article number: 11185752

overview

- 4096 × 3068 px
- ams (CMOSIS) CMV12000
- APS-C CMOS
- 335 fps
- 10 GigE



technical data

sensor information		camera features	
sensor	ams (CMOSIS) CMV12000	sequencer parameter	exposure time gain factor output ROI Offset x ROI Offset y
resolution	4096 × 3068 px	digital inputs	2 inputs
exposure time	0,01 ... 1000 ms	digital outputs	2 outputs
pixel size	5.5 × 5.5 µm	internal image buffer	8192 MB
shutter type	Global shutter	interfaces and connectors	
sensor type	APS-C CMOS	data interface	10 Gigabit Ethernet, Transfer rate 10000 Mbits/sec, Gigabit Ethernet, Transfer rate 1000 Mbits/sec, connector: SACC-CI-M12FS-8CON-L180-10G
acquisition formats		process interface / power supply	SACC-CI-M12MS-8CON-SH TOR 32 / 8 pins
image formats, interface frame rate max.	Full Frame, 4096 × 3068 px, max. 92 fps	mechanical data	
image formats, acquisition frame rate max. (Burst Mode)	Full Frame, 4096 × 3068 px, max. 335 fps	lens mount	M58-mount (F-mount, M42, C-mount via adapter)
pixel formats	Mono8	width	70 mm
image preprocessing		height	70 mm
analog controls	Gain (0 ... 12 dB) Offset (0 ... 31 LSB 8 Bit)	depth	99,15 mm
color models	Mono	weight	≤ 640 g (M58-mount)
camera features		material	housing: aluminum
synchronization	free running trigger	electrical data	
trigger sources	Hardware software	voltage supply range +Vs	12 ... 24 V DC (external power supply)
trigger delay	0 ... 2 sec, tracking and buffering of up to 256 trigger signals	power consumption	approx. 17,5 W @ 24 VDC
sequencer	Automated control for series of images using different sets of parameters		

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non-volatile memory

flash memory size 128 kB

environmental conditions

operating temperature +5 ... +65 °C @ T = measurement point

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

environmental conditions

protection class IP 40

conformity

conformity CE
RoHS
EAC

dimension drawing

