Baumer
Passion for Sensors

PX series

PXU-60M.Q

USB 3.0, 6,0 Megapixel, Monochrome

Article number: 11126065

overview

- 2752 × 2200 px
- Sony ICX694AL
- 1″ CCD
- 25 fps
- USB 3.0
- Phase-Out starting 09/19, alternative via sales



technical data

sensor information	
sensor	Sony ICX694AL
resolution	2752 × 2200 px
exposure time	0,004 … 60000 ms
pixel size	4.54 × 4.54 µm
shutter type	Global shutter
sensor type	1″ CCD
acquisition formats	
image formats, interface frame rate max.	Full Frame, 2752 × 2200 px, max. 25 fps Binning 2×2, 1376 × 1100 px, max. 44 fps
pixel formats	Mono8 Mono12 Mono12 Packed Mono16
image preprocessing	
analog controls	Gain (0 …20 dB) Offset (0 … 1023 / 1 step=4 LSB 16 Bit)
color models	Mono
camera features	
synchronization	free running trigger
trigger sources	Hardware software
trigger delay	0 … 2 sec, tracking and buffering of up to 256 trigger signals
sequencer	Automated control for series of images using different sets of parameters

camera features	
sequencer parameter	exposure time gain factor output line image format
digital inputs	1 input line
digital outputs	3 output lines
internal image buffer	256 MB
interfaces and connectors	
data interface	USB 3.0, Transfer Rate 5000 Mbits/sec, Connector: USB 3.0 Micro B
process interface	M8 / 8 pins
power supply	M8 / 8 pins
mechanical data	
lens mount	C-mount
width	45 mm
height	45 mm
depth	47 mm
weight	≤ 153 g
material	housing: aluminum
electrical data	
voltage supply range +Vs	12 … 24 V DC (external power supply)
power consumption	approx. 5,0 W @ 24 VDC
non-volatile memory	
flash memory size	128 kB
environmental conditions	
operating temperature	+5 … +70 °C

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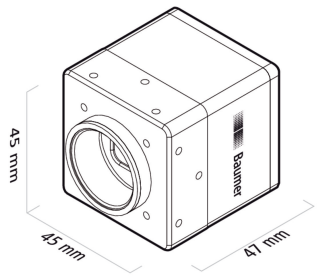
environmental conditions

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

conformity

conformity	CE RoHS EAC

dimension drawing



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