

▲ A9B57MX250E

- CoaxPress applies CXP-6, maximum bandwidth is 4*6.25Gbps
- Support software trigger/external trigger/free run mode, maximum 90fps
- Support FFC, multiple image format, ROI function etc
- Conforms to CoaxPress protocol and GenICam standard
- Support PoCXP and DC 12~24V power supply
- Conforms to CE, FCC, UL and RoHS certifications



Specification

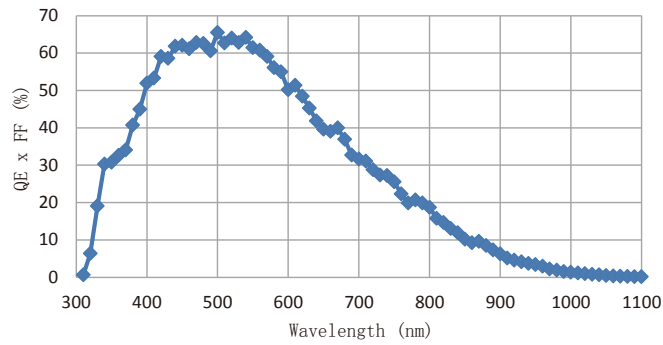
Model	Sensor	Sensor type	Shutter	Resolution	Frame rate (fps)	Bit depth	Interface	Mono/Color	Pixel size (μ m)	Sensor size
A9B57MX250E	GMAX0505	CMOS	Global	5120x5120	90	12	CoaxPress	Mono	2.5x2.5	1.1"

Model	A9B57MX250E
Effective Pixels	25MP
SNR	>38dB
Dynamic Range	70dB
GPIO	12-pin Hirose port:3 Opto-isolated inputs, 3 Opto-isolated outputs, 1 RS232 serial port
Image Format	Mono8/10/12
Binning	No
ROI	Support
Gain	X1~X32
Exposure Time	3μs~1s
Trigger Mode	Software trigger/Hardware trigger/Free run mode
Dimensions	72mmx72mmx68.4mm(not including lens mount and rear case connector)
Weight	350g
Power Supply	DC 12~24V power supply over Hirose connector and support PoCXP
Power Consumption	≤12W,24V
Lens Mount	M58
Temperature	Storage temperature:-30° C~ + 80° C; Operation temperature:-30° C~+50° C

Spectrogram

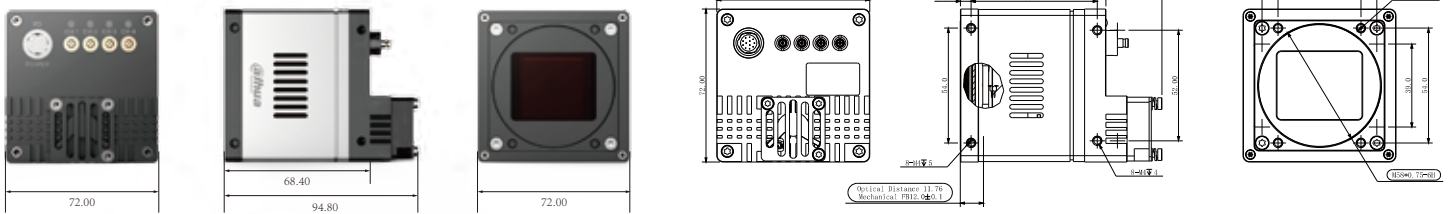
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Spectral response

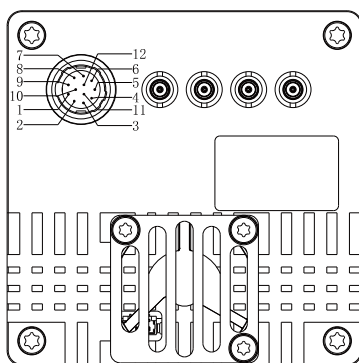


Quantum Efficiency Curve for Mono Sensor

Dimensions



IO Interface Instruction



Pin	Signal	Description
1	GND	Ground
2	Power	DC 12V-24V input
3	RXD RS232	Serial port input
4	TXD RS232	Serial port output
5	Line1	Opto-isolated input 1
6	Line2	Opto-isolated input 2
7	Line3	Opto-isolated input 3
8	OPT_IN_GND	Opto-isolated in ground
9	Line1	Opto-isolated output 1
10	Line2	Opto-isolated output 2
11	Line3	Opto-isolated output 3
12	OPT_OUT_GND	Opto-isolated out ground