

▲ AX5E02M/CX160E

- CoaXPress applies CXP-6 with a theoretical 4*6.25G bandwidth
- PoCXP/ support DC24V wide-range power supply
- Support multiple image data formats
- Conforms to CE, FCC, UL and RoHS certifications
- Software trigger/Hardware trigger/Free run mode
- Conforms to CoaXPress protocol and GenICam standard



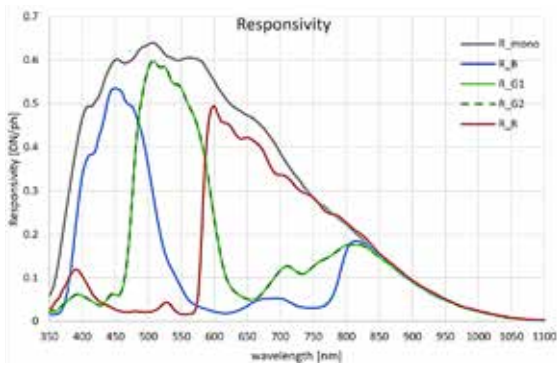
Specification

Model	Sensor	Sensor type	Shutter	Resolution	Frame rate (fps)	Bit depth	Interface	Mono/ Color	Pixel size (μ m)	Sensor size
AX5E02MX160E	CMV50000	CMOS	Global	7920 x 6004	30	12	CoaXPress	Mono	4.6x4.6	35mm
AX5E02CX160E	CMV50000	CMOS	Global	7920 x 6004	30	12	CoaXPress	Color	4.6x4.6	35mm

Model	AX5E02MX160E	AX5E02CX160E
Effective Pixels	47.5MP	
SNR	>41.6dB	
Dynamic Range	64dB	
GPIO	6 pin Hirose: 3 configurable input/output without opto isolation	
Image Format	Mono8/10/10Packed	Mono8,BayerRG8/10/10Packed, BayerGB8/10/10Packed,RGB8Packed
Binning	--	
Gain	x1~x16	
Gamma	Range from 0 to 4,support LUT	
Exposure Time	1μS~1S	
Trigger Mode	Software trigger/Hardware trigger/Free run mode	
Dimensions	72mmx72mmx91mm(not including lens mount and rear case connector)	
Weight	390g	
Power Supply	DC power supply by Hirose connector , with voltage range from 14V to 24V	
Power Consumption	24V≈13W	
Lens Mount	F	
Temperature	Storage temperature: -30° C~ + 80° C; Operation temperature: -30° C~+50° C	

Spectrogram

AX5E02M/CX160E

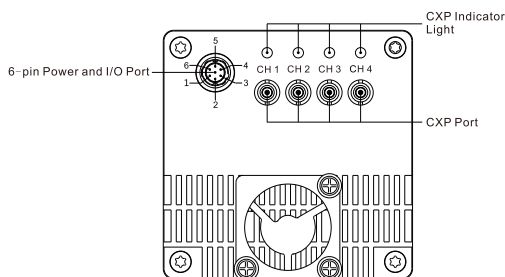


Quantum Efficiency Curve for Mono and Color Sensor

Dimensions



IO Interface Instruction



Pin	Signal	Description
1	Power	DC 14V-24V input
2	Line0	Configurable input and output port
3	Line1	Configurable input and output port
4	Line2	Configurable input and output port
5	Signal GND	Signal ground
6	GND	Power ground