

▲ AX5A22MX050E

- CoaXPress applies CXP-6 with a theoretical 4*6.25G bandwidth
- External trigger/Free run mode
- Support edge enhancement, noise reduction, gamma correction, black level correction, LUT, etc
- PoCXP/ support DC24V wide-range power supply
- Support multiple image data formats, ROI, etc
- Conform to CE, FCC, UL and RoHS certifications
- Conform to CoaXPress protocol and GenICam standard



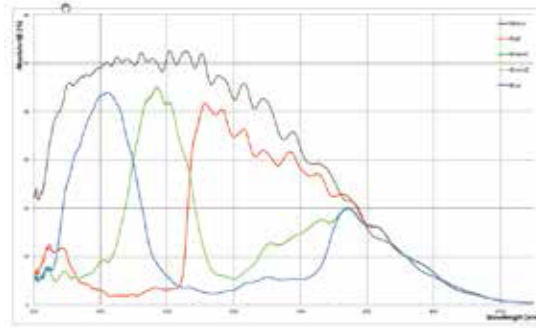
Specification

Model	Sensor	Sensor type	Shutter	Resolution	Frame rate (fps)	Bit depth	Interface	Mono/ Color	Pixel size (μ m)	Sensor size
AX5A22MX050E	CMV12000	CMOS	Global	4096 x 3072	188	12	CoaXPress	Mono	5.5x5.5	1.8"

Model	AX5A22MX050E
Effective Pixels	12MP
SNR	41.3dB
Dynamic Range	60dB
GPIO	6 pin Hirose: 3 configurable input/output without opto isolation
Image Format	Mono8/10/12
Binning	--
Gain	x1~x32
ROI	Support
Exposure Time	1μs~1s
Trigger Mode	External trigger/Free run mode
Dimensions	72mm*72mm*72mm(not including lens mount and rear case connector)
Weight	390g
Power Supply	PoCXP / DC 24V power supply via Hirose connector
Power Consumption	≤15W, 24V
Lens Mount	M58 (FBL 12)
Temperature	Storage temperature:-30° C~ + 80° C; Operation temperature:-30° C~+50° C

Spectrogram

AX5A22MX050E

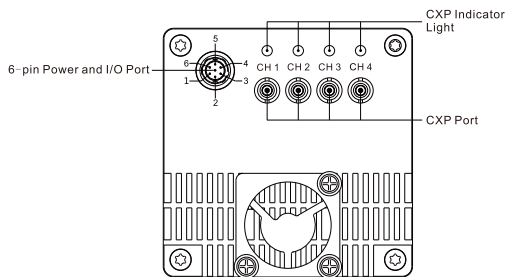


Quantum Efficiency Curve for Mono Sensor

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