

▲ DH-MV-AX7B96MK060/1E

- CCD, Global shutter, 35mm optical size
- CameraLink interface, support Base/Medium/Full/Deca mode
- Pixel defect correction to support user-defined defect data import
- Conform to cameralink protocol and GenICam standard
- Support PoCL / DC 14-24V power supply
- Conform to CE, FCC, UL and RoHS certifications



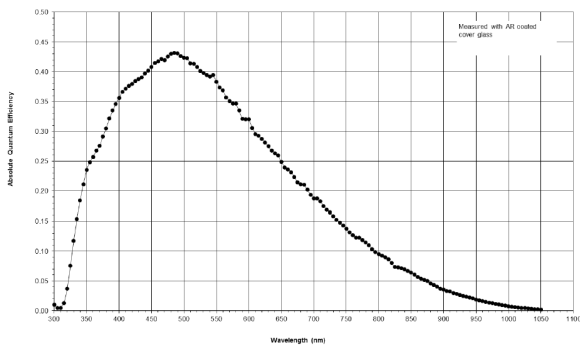
Specification

Model	Sensor	Sensor type	Shutter	Resolution	Frame rate (fps)	Bit depth	Interface	Mono/ Color	Pixel size (μ m)	Sensor size
DH-MV-AX7B96MK060E	KAI29050	CCD	Global	6576 x 4384	4	14	Cameralink	Mono	5.5 x 5.5	35mm
DH-MV-AX7B96MK061E	KAI29050	CCD	Global	6576 x 4384	4	14	Cameralink	Mono	5.5 x 5.5	35mm

Model	DH-MV-AX7B96MK060E	DH-MV-AX7B96MK061E
Effective Pixels	29MP	
SNR	>41dB	
Dynamic Range	60dB	
GPIO	12 pin Hirose: 3 configurable input/output without opto isolation; 1 RS232 serial port	
Image Format	Mono8/10/10Packed	
Binning	--	
Decimation	--	
ROI	support	
Gain	x1~x16	
Gamma	Range from 0 to 4, support LUT	
Exposure Time	30μs~1s	
Flat field correction	--	
Defective pixel	Support	
Trigger Mode	Software trigger/Hardware trigger/Free run mode	
Dimensions	72mmx72mmx54mm(not including lens mount and rear case connector)	
Weight	390g	
Power Supply	PoCL/ DC 14V~24V via Hirose connector	
Power Consumption	24V~8W	
Lens Mount	F	
Temperature	Storage temperature:-30° C~ + 80° C; Operation temperature:-30° C~+50° C	

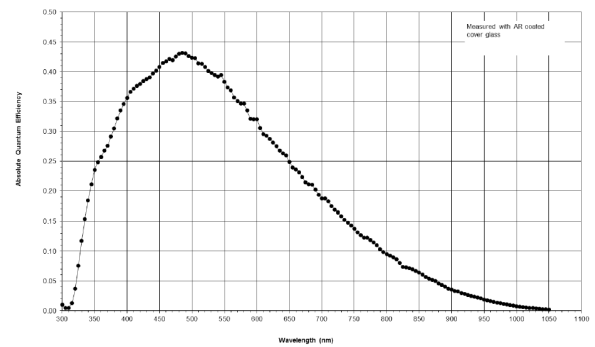
Spectrogram

AX7B96MK060E



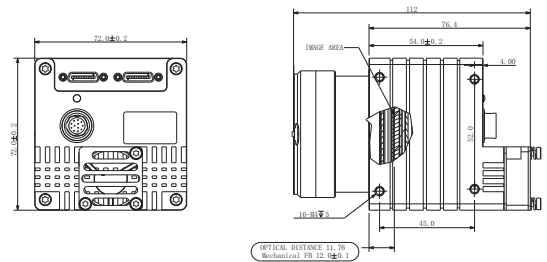
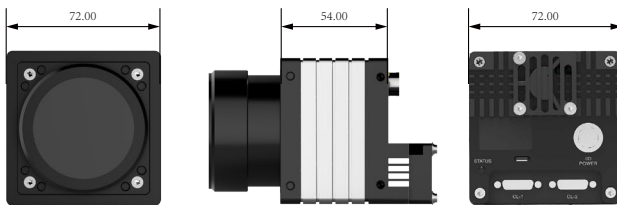
Quantum Efficiency Curve for Mono and Color Sensor

AX7B96MK061E

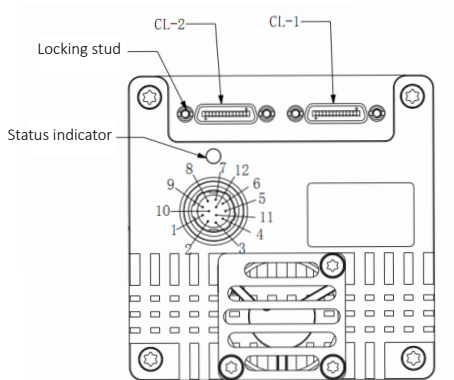


Quantum Efficiency Curve for Mono and Color Sensor

Dimensions



IO Interface Instruction



Pin	Signal	Description
1	GND	Camera Power Ground
2	Power	Camera power
3	RXD RS232	Serial port receiver
4	TXD RS232	Serial port transmitter
5	Line3	Opto-isolated input
6	Line4	Opto-isolated input
7	Line5	Opto-isolated input
8	OPT_IN_GND	Opto-isolated input ground
9	Line0	Opto-isolated output
10	Line1	Opto-isolated output
11	Line2	Opto-isolated output
12	OPT_OUT_GND	Opto-isolated output ground