DH-MV-A7300MK200E

- CameraLink interface, support Base/Medium/Full/Deca mode
- Support Software trigger/Hardware trigger/Free run mode
- Support multiple image data format output, ROI, mirroring, etc
- Conform to CameraLink V2.0 protocol and GenICam standard
- Conform to GenCP V1.1 Standard Communication Protocol
- Support for PoCL
- CE,FCC,UL,RoHS certification

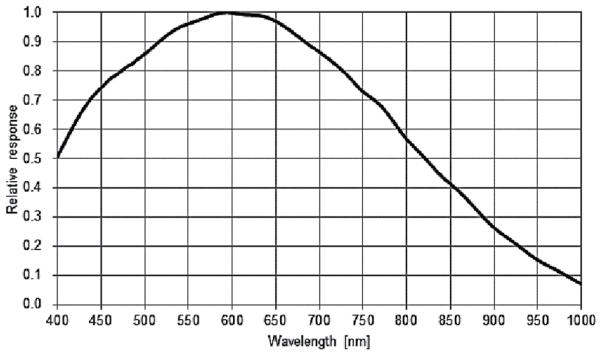
Specification

Model	Sensor	Sensor type	Shutter	Resolution	Frame rate (fps)	Bit depth	Interface	Mono/Color	Pixel size (μm)	Sensor size
DH-MV-A7300MK200E	IMX252	CMOS	Global	2048x1536	188	10	CameraLink	Mono	3.45 x 3.45	1/1.8"

Model	DH-MV-A7300MK200E
Effective Pixels	3.0MP
SNR	>38dB
Dynamic Range	70dB
GPIO	CameraLink interface: camera control and image transmission; support base/medium/Full/Deca mode 6 pin Hirose: 1 Opto-isolated input, 1 Opto-isolated output, 1 configurable input/output without opto isolation
Colck	34M/51M/68M/85M
Image Format	Mono8
Binning	--
Gain	X1~X32
Gamma	--
Exposure Time	1μS~1S
Trigger Mode	Software trigger/Hardware trigger/Free run mode
Image Buffer	--
User Setting	Support two sets of user-defined configurations
Dimensions	29mmx44mmx58mm(not including lens mount and rear case connector)
Weight	100g
Power Supply	PoCL/ DC 6V~26V via Hirose connector
Power Consumption	12V≈3.04W
Lens Mount	C
Temperature	Storage temperature:-30° C~ + 80° C; Operation temperature:-30° C~+50° C

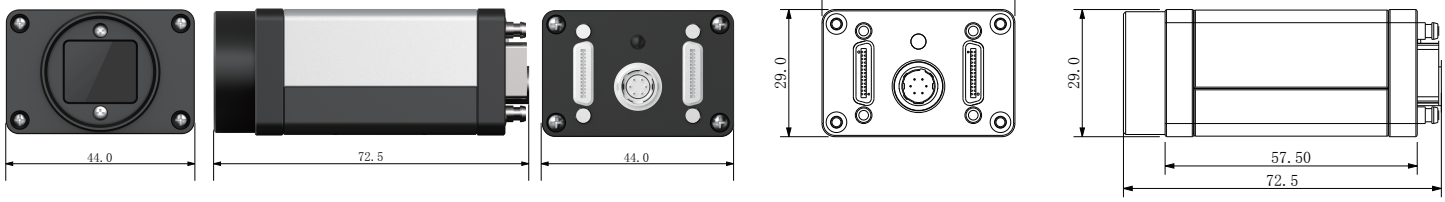
Spectrogram

A7300MK200E

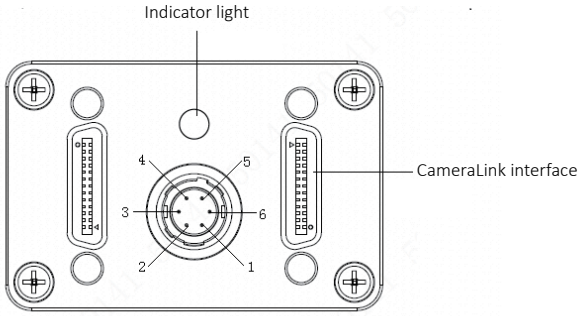


Quantum Efficiency Curve for Mono Sensor

Dimensions



IO Interface Instruction



Pin	Signal	Description
1	Power	DC 6V-26V input
2	Line1	Opto-isolated input
3	Line2	Configurable IO input/output
4	Line0	Opto-isolated output
5	IO GND	Opto-isolated ground
6	GND	Ground