

DH-MV-A7500M/CK200E

- 6.8Gbps (maximum) bandwidth CameraLink interface
- 512MB on-board cache for data retransmission
- Support multiple image data formats
- Conform to CE, FCC, RoHS certifications
- Software trigger/Hardware trigger/Free run mode
- Conforms to CameraLink V2.0 protocol and GenICam standard



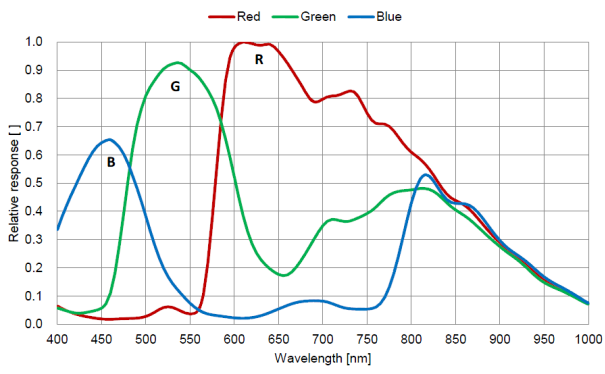
Specification

Model	Sensor	Sensor type	Shutter	Resolution	Frame rate (fps)	Bit depth	Interface	Mono/Color	Pixel size (μm)	Sensor size
DH-MV-A7500MK200E	IMX250	CMOS	Global	2448x2048	160	8	CameraLink	Mono	3.45 x 3.45	2/3"
DH-MV-A7500CK200E	IMX250	CMOS	Global	2448x2048	160	8	CameraLink	Color	3.45 x 3.45	2/3"

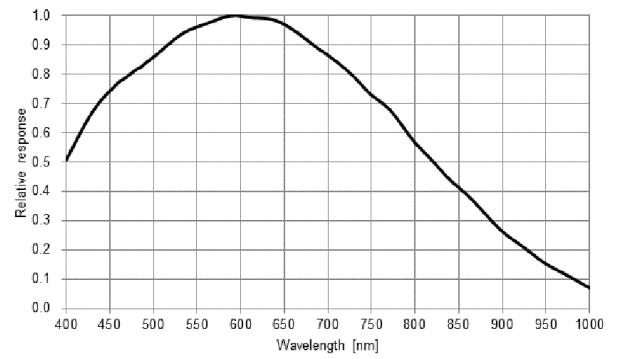
Model	DH-MV-A7500MK200E	DH-MV-A7500CK200E
Effective Pixels	5.0MP	
SNR	>38dB	
Dynamic Range	70dB	
GPIO	CameraLink interface: camera control and image transmission; support base/medium/Full/Deca mode 6 pin Hirose: 1 Opto-isolated input, 1 Opto-isolated output, 1 configurable input/output without opto isolation	
Image Format	Mono8	BayerRG8, BayerGB8
Binning	Support	--
Gain	X1~X32	
Gamma	Range from 0 to 4, support LUT	
Exposure Time	8μs~1s	
Trigger Mode	Software trigger/Hardware trigger/Free run mode	
Image Buffer	--	
User Setting	Support two sets of user-defined configurations	
Dimensions	29mmx44mmx57.5mm(not including lens mount and rear case connector)	
Weight	100g	
Power Supply	Power supply via CameraLink connector /DC power supply by Hirose connector, with voltage range from 6V to 26V	
Power Consumption	12V≈3W	
Lens Mount	C	
Temperature	Storage temperature:-30° C~ + 80° C; Operation temperature:-30° C~+50° C	

Spectrogram

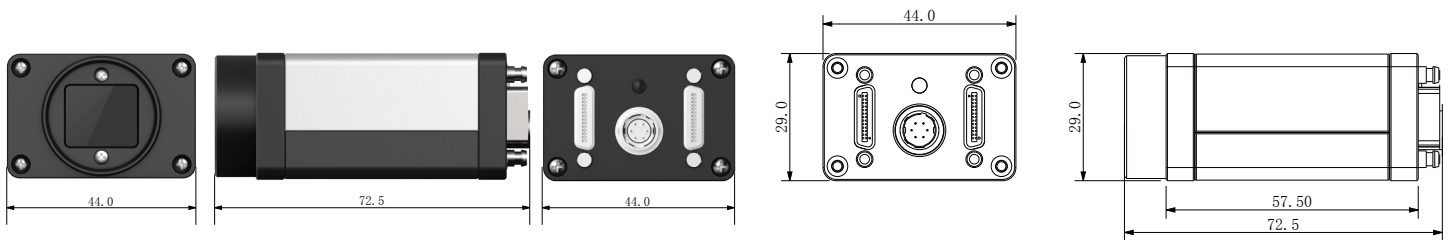
A7500CK200E



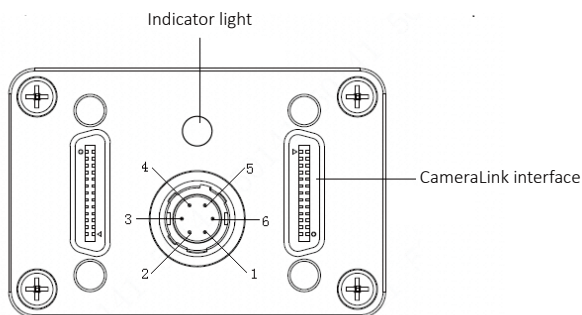
A7500MK200E



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