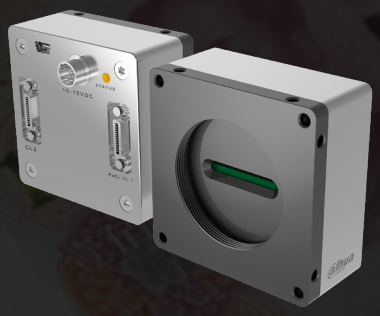
DH-MV-L5023MK100E



- CameraLink interface supports Full/Medium/Base mode with theoretical maximum 5.44G bandwidth
- Support multiple image data formats
- Supports flat field correction for multiple user groups
- Software trigger/Hardware trigger/Free run mode
- Conforms to Camera Link protocol and GenICam standard

Specification

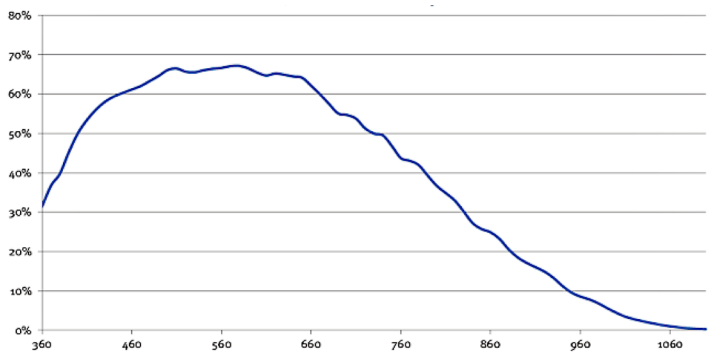
Model	Sensor	Sensor type	Resolution	Line rate （Hz）	Bit depth	Interface	Mono/Color	Pixel size(μm)
DH-MV-L5023MK100E	E2V	CMOS	2048x1	100K	10	CameraLink	Mono	10x10

Model	DH-MV-L5023MK100E
SNR	45dB
Dynamic Range	73dB
Sensitivity	162LSB/(nJ/cm²)
GPIO	Camera Link is used for camera control and data transmission
Image Format	Mono8/10/12
Gain	X1~X4
Exposure Time	1.5μs~6553.5μs
Dimensions	62mmx62mmx29.4mm(not including lens mount and rear case connector)
Flat Field Correction	Support the import/export of correction result
Weight	150g
Power Supply	DC power supply by Hirose connector, with voltage range from 10V to 15V
Lens Mount	M42*1
Power Consumption	3.6W
Temperature	Storage temperature:-30° C~ + 80° C; Operation temperature:-30° C~+50° C

Rev 001.001 2018 Dahua. All rights reserved. Design and specifications are subject to change without notice.

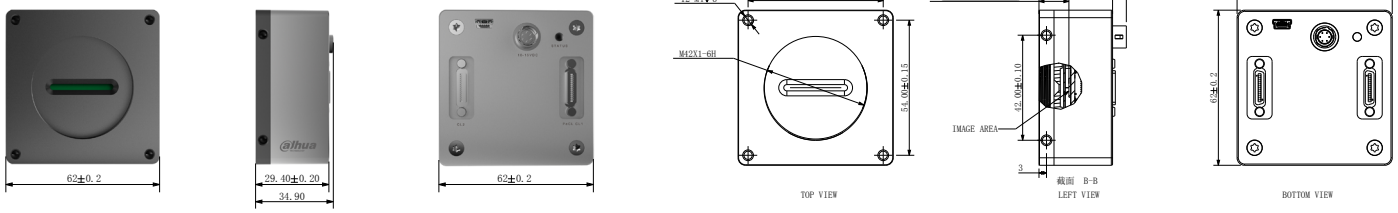
Spectrogram

L5023MK100E

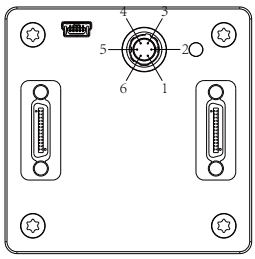


Quantum Efficiency Curve for Mono Sensor

Dimensions



IO Interface Instruction



Pin	Signal	Description
1	Power	DC 10V-15V input
2	Power	DC 10V-15V input
3	Power	DC 10V-15V input
4	GND	Ground
5	GND	Ground
6	GND	Ground