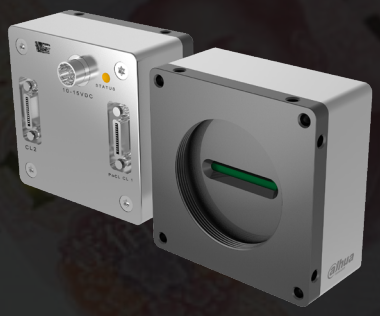
DH-MV-L5023CK80E



- 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

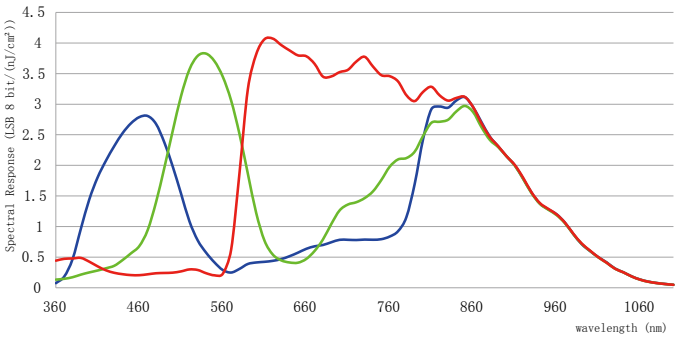
Model	Sensor	Sensor type	Resolution	Line rate （Hz）	Bit depth	Interface	Mono/Color	Pixel size(μm)
DH-MV-L5023CK80E	E2V	CMOS	2048x2	80K	10	CameraLink	Color	10x10

Model	DH-MV-L5023CK80E
SNR	45dB
Dynamic Range	73dB
Sensitivity	162LSB/(nJ/cm²)
GPIO	Camera Link is used for camera control and data transmission
Image Format	RGB24
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

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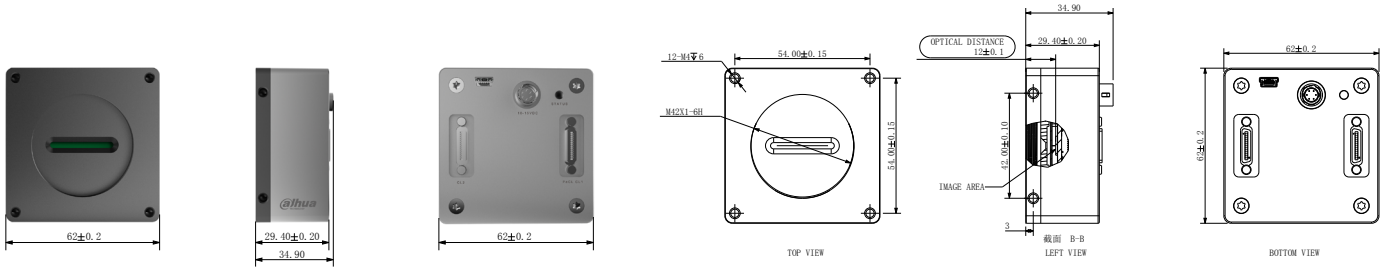
Spectrogram

L5023CK80E

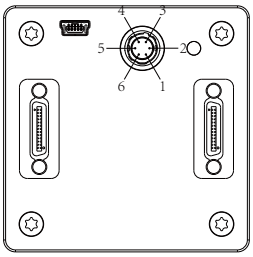


Quantum Efficiency Curve for Mono and Color Sensor

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