

## ▲ DH-MV-L5083MK100-4E

- 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



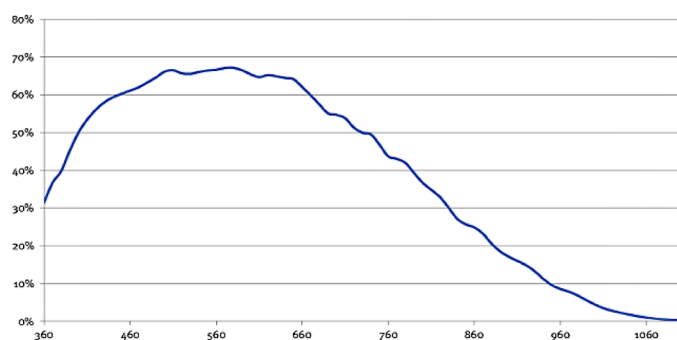
### Specification

Model	Sensor	Sensor type	Resolution	Line rate ( Hz )	Bit depth	Interface	Mono/Color	Pixel size( $\mu m$ )
DH-MV-L5083MK100-4E	E2V	CMOS	8192x4	100K	12	CameraLink	Mono	5x5

Model	DH-MV-L5083MK100-4E
SNR	40dB
Dynamic Range	70.7dB
Sensitivity	450LSB/(nJ/cm <sup>2</sup> )
GPIO	Camera Link is used for camera control and data transmission
Image Format	Mono8/10/12
Gain	X1~X4
Exposure Time	1.5 $\mu$ s~6553.5 $\mu$ s
Dimensions	125mmx60mmx28.5mm( not including lens mount and rear case connector)
Flat Field Correction	Support the import/export of correction result
Weight	360g
Power Supply	DC power supply by Hirose connector, with voltage range from 12V to 24V
Lens Mount	F\T2\M42x1
Power Consumption	7.5W
Temperature	Storage temperature:-30° C~ + 80° C; Operation temperature:-30° C~+50° C

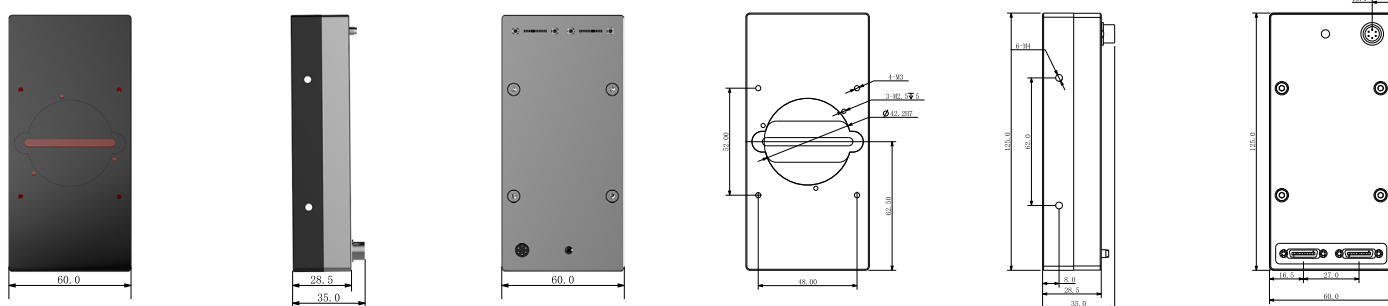
## Spectrogram

L5083MK100-4E

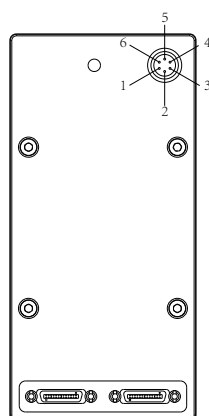


Quantum Efficiency Curve for Mono Sensor

## Dimensions



## IO Interface Instruction



Pin	Signal	Description
1	Power	DC 12V-24V input
2	Power	DC 12V-24V input
3	Power	DC 12V-24V input
4	GND	Ground
5	GND	Ground
6	GND	Ground