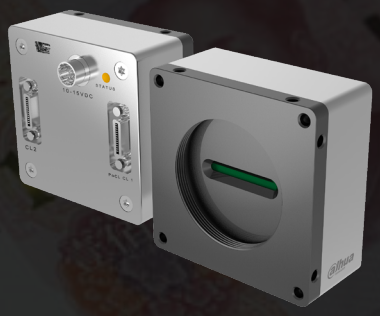
# DH-MV-L5043MK100E



- 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-L5043MK100E | E2V | CMOS | 4096x1 | 100K | 12 | CameraLink | Mono | 5x5 |

| | |
|---|---|
| Model | DH-MV-L5043MK100E |
| SNR | 42dB |
| Dynamic Range | 70dB |
| Sensitivity | 81LSB/(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 |

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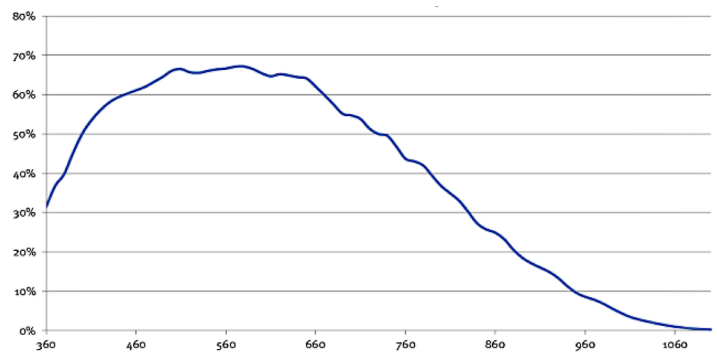
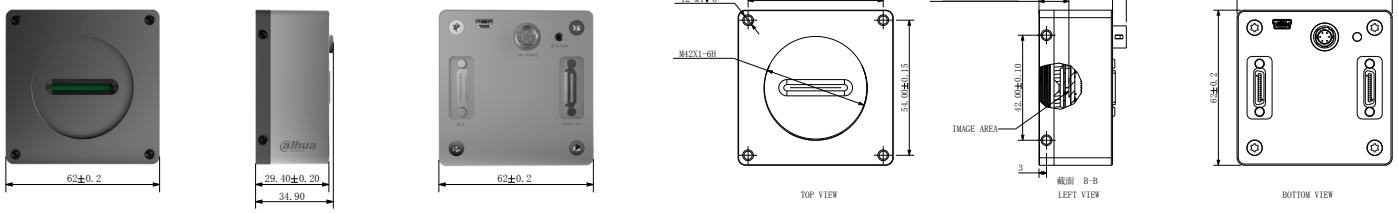
## Spectrogram

L5043MK100E

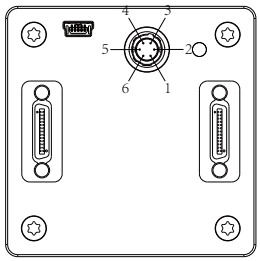



Quantum Efficiency Curve for Mono Sensor

## 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 |