

▲ DH-MV-A5131MG200E

- 1Gbps Ethernet interface , max 100m transmission
- 128MB on-board frame buffer
- Support multiple image data formats
- Conform to CE, FCC, UL and RoHS certifications
- Software trigger/Hardware trigger/Free run mode
- Compatible with GigE Vision V2.0 protocol and GenICam standard



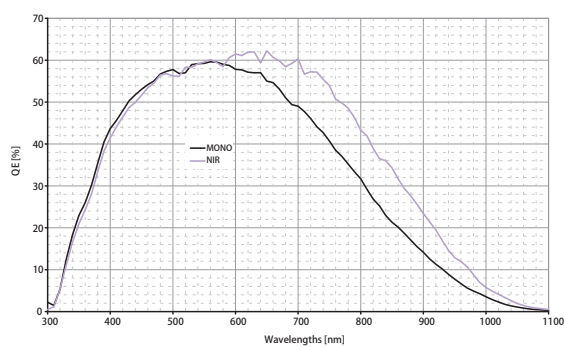
Specification

Model	Sensor	Sensor type	Shutter	Resolution	Frame rate (fps)	Bit depth	Interface	Mono/Color	Pixel size (μ m)	Sensor size
DH-MV-A5131MG200E	PYTHON 1300	CMOS	Global	1280 x 1024	75	10	GigE, POE	Mono	4.8 x 4.8	1/2"

Model	DH-MV-A5131MG75E									
Effective Pixels	1.3MP									
SNR	>38dB									
Dynamic Range	60dB									
GPIO	6 pin Hirose: 1 Opto-isolated input, 1 Opto-isolated output									
Image Format	Mono8/10/10Packed									
Binning	Support									
Decimation	Support									
ROI	Support									
Gain	X1~X32									
Gamma	Range from 0 to 4, support LUT									
Exposure Time	1 μ S~1S									
Trigger Mode	Software trigger/Hardware trigger/Free run mode									
Image Buffer	64MB									
User Setting	Support two sets of user-defined configurations									
Dimensions	29mmx44mmx58mm(not including lens mount and rear case connector)									
Weight	100g									
Power Supply	POE/DC power supply by Hirose connector, with voltage range from 6V to 26V									
Power Consumption	12V $\approx$ 3.4W									
Lens Mount	C									
Temperature	Storage temperature:-30° C~ + 80° C; Operation temperature:-30° C~+50° C									

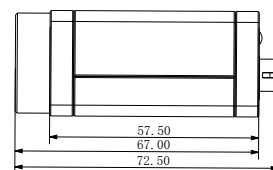
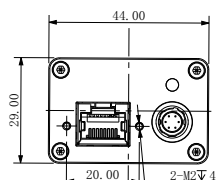
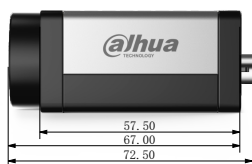
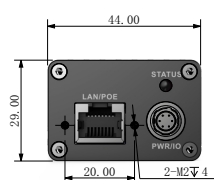
Spectrogram

A5131MG200E

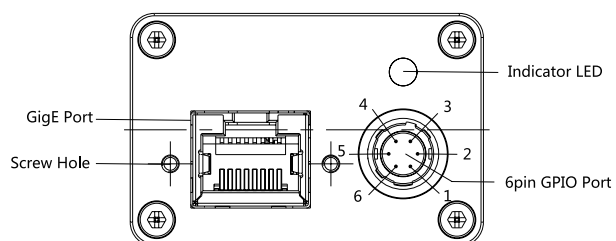


Quantum Efficiency Curve for Mono Sensor

Dimensions



IO Interface Instruction



Pin	Signal	Description
1	Power	DC +6V~26V
2	Line1	Opto-isolated Input
3	Line2	NA
4	Line0	Opto-isolated Output
5	IO GND	Opto-isolated Ground
6	GND	DC Power Ground