

DH-MV-A3504M/CG100E

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



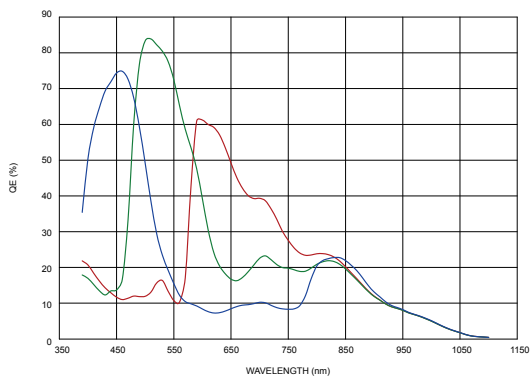
Specification

Model	Sensor	Sensor type	Shutter	Resolution	Frame rate (fps)	Bit depth	Interface	Mono/Color	Pixel size (μ m)	Sensor size
DH-MV-A3504MG100E	AR0521	CMOS	Rolling	2592x1944	23	12	GigE	Mono	2.2x2.2	1/2.5"
DH-MV-A3504CG100E	AR0521	CMOS	Rolling	2592x1944	23	12	GigE	Color	2.2x2.2	1/2.5"

Model	DH-MV-A3504MG100E	DH-MV-A3504CG100E
Effective Pixels	5.0MP	
SNR	>38dB	
Dynamic Range	60dB	
GPIO	6 pin Hirose: 1 Opto-isolated input, 1 Opto-isolated output, 1 configurable input/output without opto isolation	
Image Format	Mono8/10/10Packed/12/12Packed	Mono8,BayerRG8/10/10Packed/12/12Packed,BayerGB8/10/10Packed/12/12Packed,YUV422Packed
Binning	Support	--
Gain	X1~X32	
Gamma	Range from 0 to 4,support LUT	
Exposure Time	21.5 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	29mmx29mmx29mm(not including lens mount and rear case connector)	
Weight	60g	
Power Supply	DC power supply by Hirose connector,with voltage range from 6V to 26V	
Power Consumption	12V \approx 2.8W	
Lens Mount	C	
Temperature	Storage temperature:-30° C~ + 80° C; Operation temperature:-30° C~+50° C	

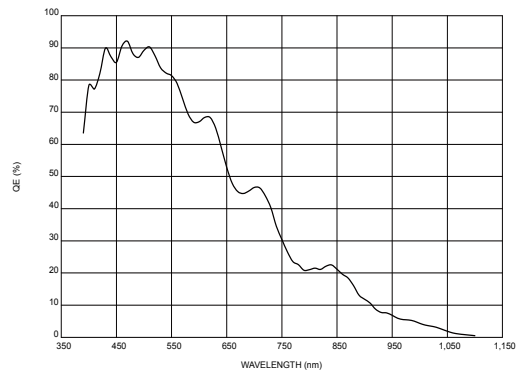
Spectrogram

A3504CG100E



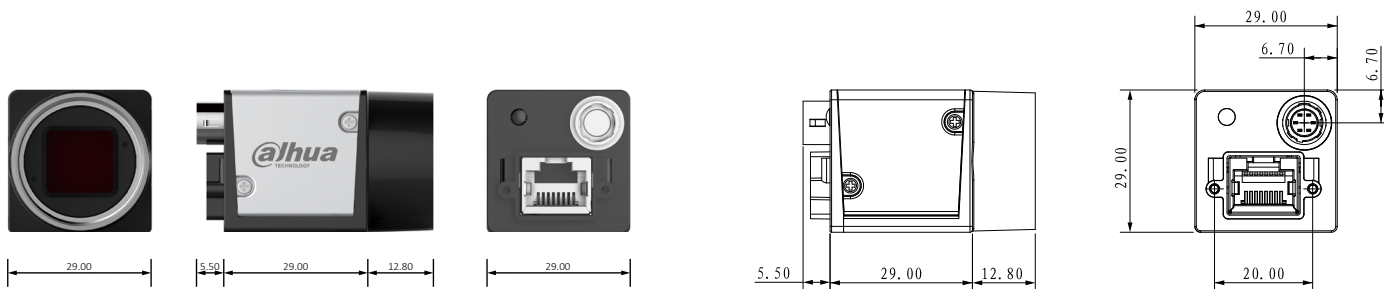
Quantum Efficiency Curve for Mono and Color Sensor

A3504MG100E

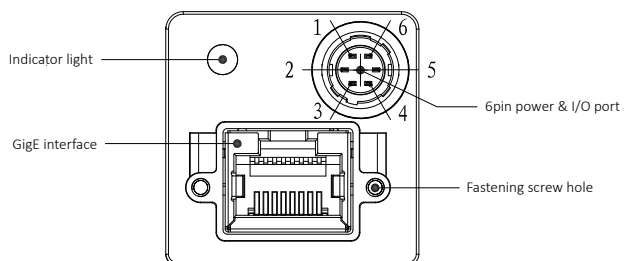


Quantum Efficiency Curve for Mono Sensor

Dimensions



IO Interface Instruction



Pin	Signal	Description
1	Power	DC 6V-26V input
2	Line1	Opto-isolated input
3	Line2	Configurable IO input/output
4	Line0	Opto-isolated output
5	IO GND	Opto-isolated ground
6	GND	Ground