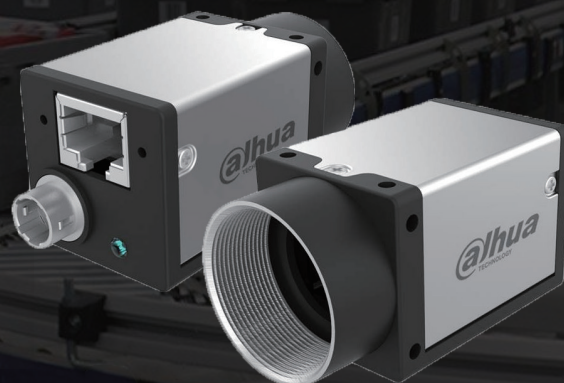


▲ DH-MV-A7500PG400E

- 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



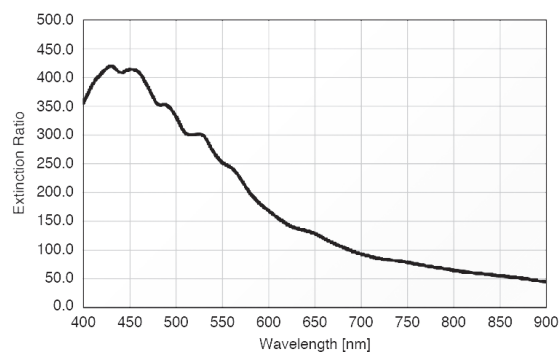
Specification

Model	Sensor	Sensor type	Shutter	Resolution	Frame rate (fps)	Bit depth	Interface	Mono/Color	Pixel size (μm)	Sensor size
DH-MV-A7500PG400E	IMX250MZR	CMOS	Global	2448 x 2048	24	12	GigE, POE	P	3.45 x 3.45	2/3"

Model	DH-MV-A7500PG400E									
Effective Pixels	5.0MP									
SNR	>38dB									
Dynamic Range	70dB									
GPIO	6 pin Hirose: 1 Opto-isolated input, 1 Opto-isolated output, 1 configurable input/output without opto isolation									
Image Format	Mono8, BayerRG8/10/10Packed, BayerGB8/10/10Packed, YUV422Packed									
Binning	--									
ROI	Support									
Gain	X1~X32									
Gamma	Range from 0 to 4, support LUT									
Exposure Time	32.73 μ S~1S									
Trigger Mode	Software trigger/Hardware trigger/Free run mode									
Image Buffer	64MB									
SPC	Support									
User Setting	Support two sets of user-defined configurations									
Dimensions	29mmx29mmx42mm(not including lens mount and rear case connector)									
Weight	88g									
Power Supply	POE/DC power supply by Hirose connector, with voltage range from 6V to 26V									
Power Consumption	12V \approx 3.2W									
Lens Mount	C									
Temperature	Storage temperature:-30° C~ + 80° C; Operation temperature:-30° C~+50° C									

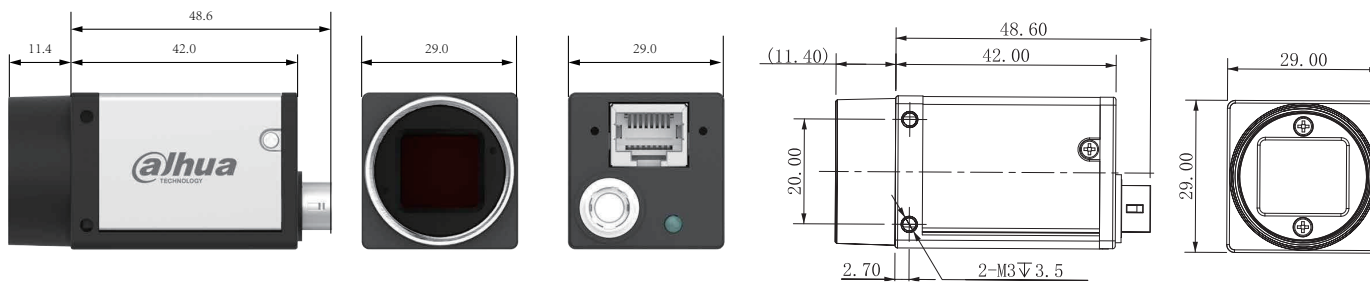
Spectrogram

A7500PG400E

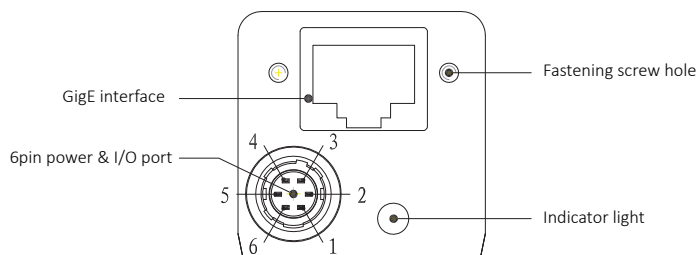


Quantum Efficiency Curve for Mono and Color Sensor

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