

- 1K @30 KHz
- Adopts High-sensitivity InGaAs SWIR Sensor
- Adopts GigE interface and max. transmission distance of 100 meters without relay
Compatible with GigE Vision Protocol, GenICam Standard, and the third-party software
- based on these protocol and standard
- Support Windows

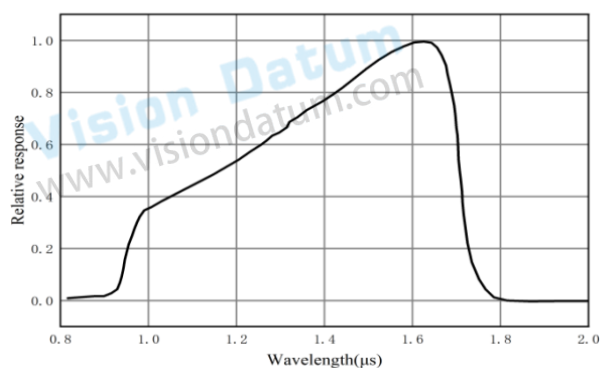
Applied Range • Photovoltaic Hidden Crack Detection • Circuit Board Detection • Fruit&Vegetable Food Sorting Detection • Biological Imaging

Camera	iBoost15GSW1KM
Resolution [H*V]	1024 × 1
Sensor Technology	InGaAs
Pixel Size	12.5 μm * 12.5 μm
Line Frequency [KHz]	29.4kHz
Spectral Range	0.9μm - 1.7μm
Exposure Time	0.1us~19982us (step: 0.1us)
Dynamic Range	≥ 65dB
Trigger Mode	Via hardware trigger、software trigger or free run mode
Data Bit	8/10/10p/12/12p/14bit
Interface	GigE
Housing Size	60 × 60 × 73 mm
Operating Temp	-20~75 ° C (Storage), 0~55° C (Working)
Lenses Mount	M42 * 1
Power Input	DC12-24V (±10%)
Power Consumption	TEC On: 7.0 W ; TEC Off: 4.0W
Cooling Mode	Electronic refrigeration (22°C below environment temperature) / Fan refrigeration
Operating System	Windows

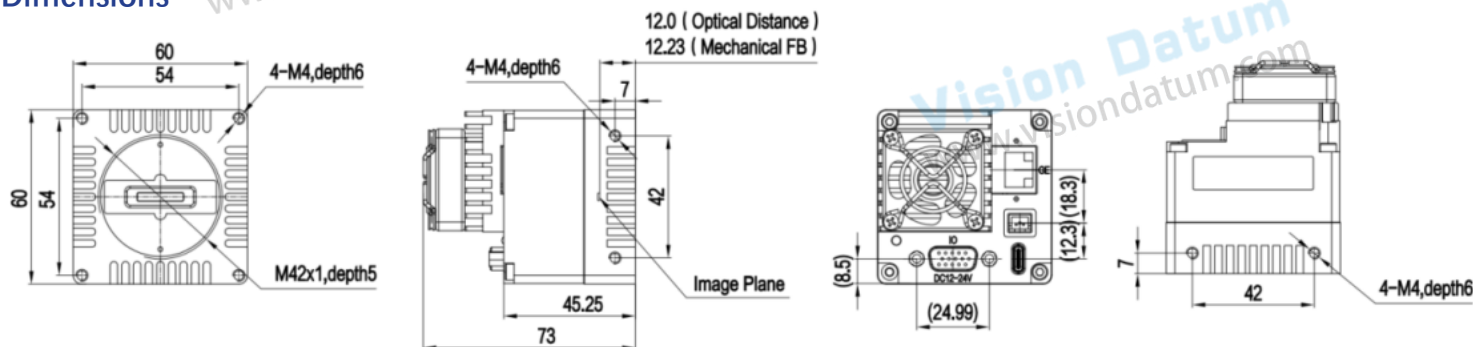
Product Appearance



Spectral Response



Dimensions



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