

2MP/4MP High-Speed Camera

INDIGO
IMAGING



Specification

Product model	IDG-400-M-G-CL	IDG-200-M-G-CL
Sensor type	CMOS	CMOS
Resolution	2048x2048	2048x1152
Sensor size	1.2"	1"
Color	Monochrome	
Shutter type	Global shutter	
Pixel size	6.5μm x 6.5μm	
Quantum efficiency	72% @595nm	
Readout noise	5.6e-	
Full well capacity	19ke-	
Dynamic range	70dB	
Frame rate	73fps	129fps
Bit depth	10bit/12bit	
Analog gain	x1~ x7	
Exposure model	Manual	
Exposure time	0.02ms-500ms	
Image processing	ROI, Binning, Flip	
Minimum illumination	0.001Lux	
External trigger mode	Optical isolation trigger input	
Signal output	Optical isolation synchronous output	
Optical interface	CS/C interface	
Cooling method	Fan cooling optional	
Data interface	Camera Link Medium	
Trigger interface	Hirose, HR10A-7R-6PB	
Power supply	12V	
Power consumption	< 9.5W	
Size	650g,67mm×67mm×101.2mm	
Operating temperature	0°C~50°C	
Storage temperature	0°C~70°C	

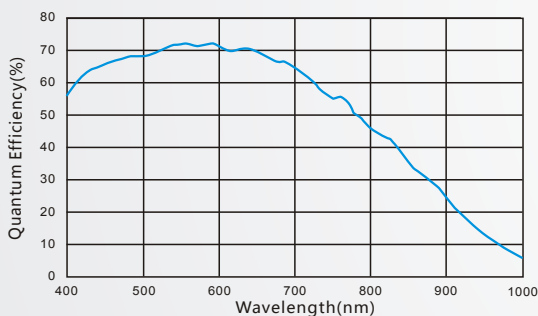
Applications

Night vision equipment aerial photography
railway wear runway detection machine vision

Advantages

QE up to 72%@595nm
Dynamic range up to 70dB
129fps full frame output
Global Shutter
Supports internal and external triggers
CameraLink Medium transmission interface

Quantum Efficiency



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