

# 8K Line Scan Camera

**INDIGO**  
IMAGING



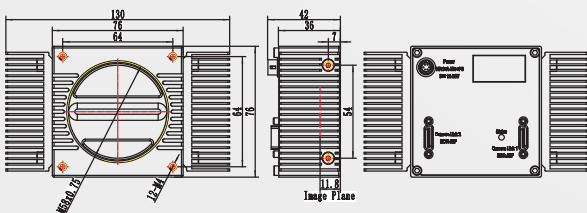
## Applications

- Scratch detection in surface inspection
- Solder joint inspection in PCB
- Control of damages in rail inspection
- Character recognition in postal sorting

## Advantages

- 8192x4 /8192x2 pixels high resolution
- 100/150kHz(2 line),100kHz(4 line)frequency at full resolution
- Camera Link Base to Deca
- Support FFC, DPC, ROI,BIN
- Support analog gain control
- Support 8 sets of user parameters

## Dimensions



Heat sinking only available for 4 line.

## Specification

Product model	IDG-8K2-M-CL	IDG-8K4-M-CL
Sensor type	CMOS	
Resolution	8192x2	8192x4
Binning	2x2BIN mode	Horizontal x2BIN Vertical x4BIN
Color	Monochrome	
Shutter type	Global shutter	
Pixel size	5μm x 5μm	
Quantum efficiency	>70%@580nm	
Dynamic range	2-line mode >60dB	4-line mode 59dB
Line frequency	100/150 kHz	100 kHz
Depth	8bit/10bit/12bit	
Analog gain	x1-x5	
Digital gain	x1-x10	
Exposure time	3.2μs-3000μs	3.2μs-3000μs
External trigger	Free Run, External Trigger	
Optical interface	M58 x 0.75 ,F-Mount(Optional)	
Data interface	Camera Link Base, Medium, Full, Deca	
Trigger interface	Hirose, HR10A-7R-6PB	
Input voltage	12~24V DC	
Power	<8.5W	<9.5W
Size	76x76x42mm	130x76x42mm
Weight	310g	470g
Working temperature	0°C~50°C	
Storage temperature	-55°C~70°C	



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