



OPT CL1 Series Line Scan Cameras



OPT-CL1-C8-L3-01

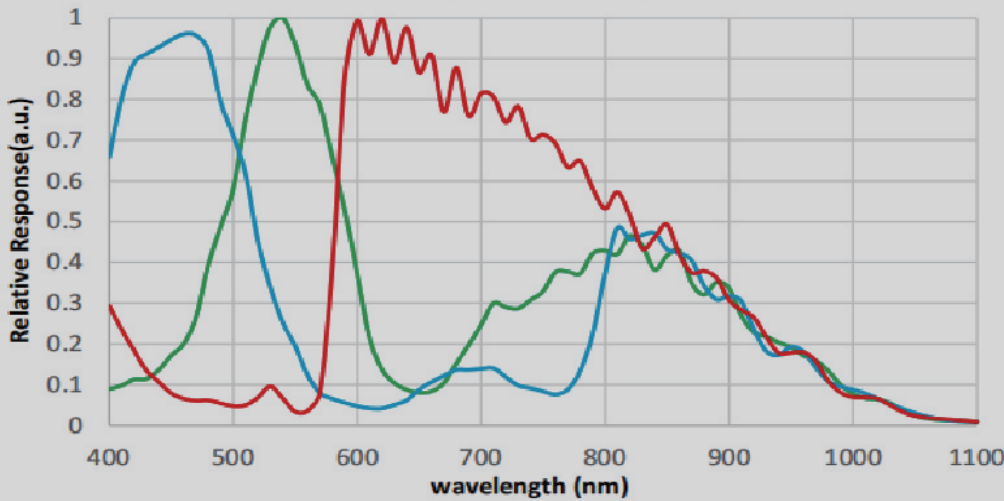
- Camera Link interface, Support Base, Medium, Full and 80-bit Four configuration modes.
- Support ISP functions including FFC, Black level, LUT, Gamma etc.
- Support Internal Trigger and External Trigger.
- Support multiple image data formats output, ROI, Reverse, etc.
- Support DC12~24V wide-voltage power supply.
- Compatible with Camera Link Protocol and GenICam Standard.

Specification

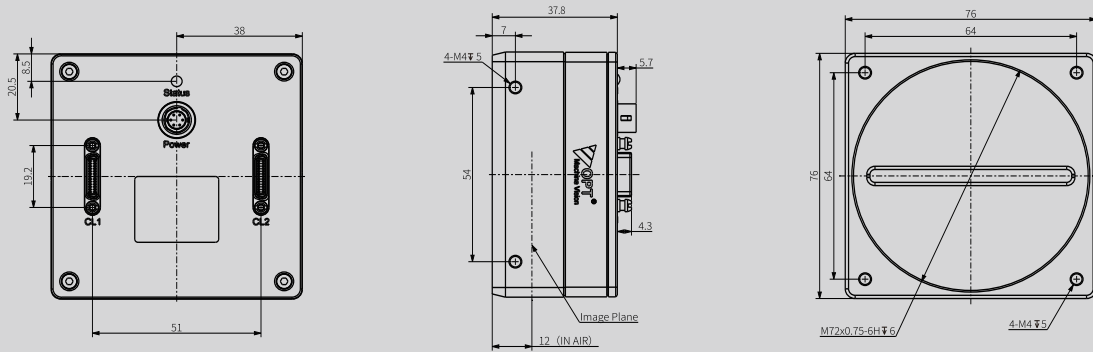
Model	Sensor type	Resolution	Line rate	Pixel size	Lens mount	Mono/Color
OPT-CL1-C8-L3-01	CMOS	8192 × 3	33 kHz	7 μm×7 μm	M72*0.75	Color

Name	8K Color Camera Link Line Scan Camera
Pixel format	Mono 8/10@2/4/8Tap, Mono 8@10Tap, Mono 12@2/4/6Tap, RGB 8/10/12@2Tap
Max. line rate	RGB 8: 10 kHz@1Tap, 20 kHz@2Tap, 33 kHz@10Tap
Dynamic range	63.3 dB
SNR	40 dB
Gain	1 dB ~ 15.5 dB
Exposure time	5 μs ~ 50 ms
Trigger mode	Internal Trigger, External Trigger
Binning	No Supports
Data interface	Camera Link SDR
Power supply	6-pin Hirose interface power supply, 12 VDC to 24 VDC
Power consumption	5.85 W@24 VDC
Dimension	76 mm(W) × 76 mm(H) × 37.8 mm(D)
Weight	≈ 350 g
Temperature	Working temperature:0 ~ 50℃, Storage temperature:0 ~ 80℃
Operating system	Windows 7/10/11 32/64bits
Compatibility	Camera Link, GenICam
Certification	CE, RoHS, FCC

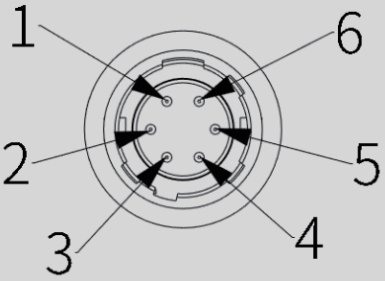
Spectral Response



Dimension (mm)



I/O Interface Description



PIN	Signal	Description
1	Power	DC 12V~24V Camera power
2	Power	DC 12V~24V Camera power
3	Power	DC 12V~24V Camera power
4	GND	Power ground
5	GND	Power ground
6	GND	Power ground



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Web



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