



PLASMA

Line Scan Camera

PL4KCL-200KT

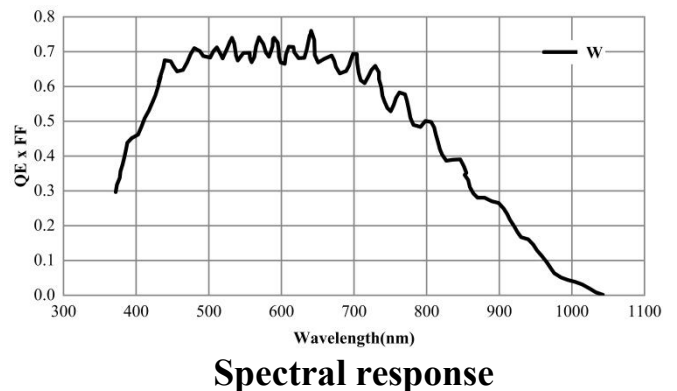
Features

- ◎ 4096 * 2 pixels, 7 μ m * 7 μ m
- ◎ Up to 200 kHz Line Rate
- ◎ High sensitivity and Low noise
- ◎ 8/10/12 bit output
- ◎ FFC / ROI / LUT / Binning
- ◎ GigE Vision interface
- ◎ GUI configuration tool
- ◎ Internal trigger / External trigger optional
- ◎ Temperature monitor
- ◎ Power supply: DC5-24V



Applications

- ◎ Automated optical inspection
- ◎ High performance sorting systems
- ◎ Materials grading and inspection
- ◎ Web inspection
- ◎ General purpose machine vision



Specifications

Model	PL4KCL-200KT
Image Sensor	Global Shutter CMOS
Image Mode	Mono
Optical Size	28.67 mm
Resolution	4096 * 2
Pixel Size	7 μ m * 7 μ m
Max Line Rate	200 kHz
Bit Depth	8/10/12 bit
Dynamic Range	\geq 66.2 dB
Data Rate	819 MB/s
Trigger Mode	External trigger / Internal free run
Exposure Control	Pulse width or Program
Exposure Time	2 μ s-10s(Step:0.1 μ s)
Analog Gain	1x/2x/5x/10x
Digital Gain	0.004x-8.00x
Lens Interface	M42 * 1
Data Interface	Camera Link
Power Interface	Hirose HR10A-7R-6PB(Male)
Power Supply	DC5V-24V 2A
Power Dissipation	5W - 6W
Dimensions	62.0mm(W) x 62.0mm(H) x 37.0mm(D)
Operating Temperature	0-65 $^{\circ}$ C
Storage Temperature	-20-80 $^{\circ}$ C

Mechanical Dimensions(mm)

