



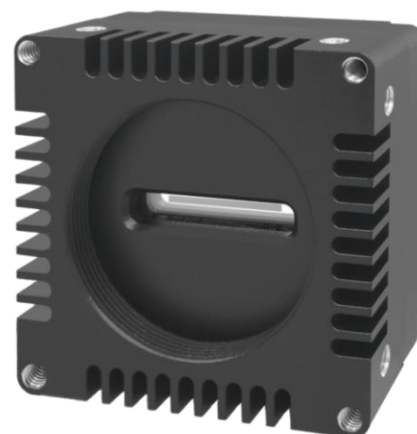
PHOENIX

Line Scan Camera

PH4KCL-200KU

Features

- ◎ Back Illuminated CCD
- ◎ 4096 * 256 pixels, 5 μ m * 5 μ m
- ◎ Up to 200kHz Line Rate
- ◎ High sensitivity and low noise
- ◎ 8/10/12 bit output
- ◎ FFC / ROI
- ◎ Analog Gain / Digital Gain / Offset Control
- ◎ Scanning direction configurable
- ◎ Support multiple Camera Link output modes
- ◎ Real time temperature monitoring
- ◎ Power supply: DC12-24V($\pm$ 10%)



Applications

- ◎ Flat panel display inspection
- ◎ Semiconductor inspection
- ◎ Film and web inspection
- ◎ Print and package inspection
- ◎ Digital Pathology



Spectral response

Specifications

Model	PH4KCL-200KU
Sensor	Back Illuminated CCD
Image Mode	Mono
Optical Size	20.48 mm
Resolution	4096 * 256
Pixel Size	5μm * 5μm
Max Line Rate	200 kHz
Bit Depth	8/10/12 bit
Dynamic Range	≥63.5 dB
Data Rate	819.2 MB/s
Trigger Mode	Free run / External trigger
Exposure Control	Controlled by line rate
Exposure Time	5μs-1s(Step:0.01μs)
Analog Gain	1/2/4x
Digital Gain	0.004-8.000x
Data Interface	Camera Link
Lens Interface	M42 * 1
Power Interface	Hirose HR10A-7R-6PB(Male)
Power Supply	DC12-24V(±10%) 2A
Power Dissipation	<4.6 W
Dimensions	60.0mm(W) x 60.0mm(H) x 35.0mm(D)
Operating Temperature	0-65°C
Storage Temperature	-20-75°C

Mechanical Dimensions(mm)

