



PLASMA

Line Scan Camera

PL4KGV-68KT

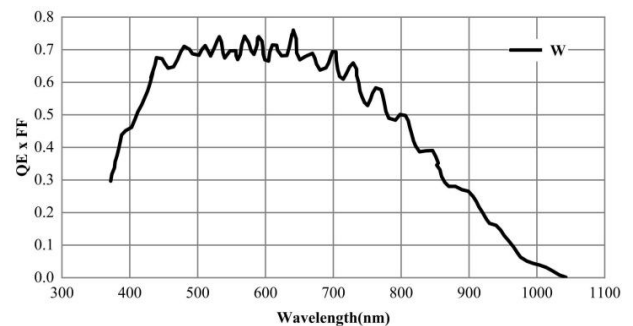
Features

- ◎ 4096 * 2 pixels, 7 μ m * 7 μ m
- ◎ Global shutter CMOS sensor
- ◎ 28kHz(68kHz with SAccel™)
- ◎ Flat field correction, automatic white balance
- ◎ High sensitivity and low noise
- ◎ Support image lossless compression
- ◎ Analog gain / digital gain / bias control
- ◎ Gigabit Ethernet interface, suitable for long-distance transmission
- ◎ Power supply: DC12-24V



Applications

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



Spectral response

Specifications

Model	PL4KGV-68KT
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	28kHz(68kHz with SAccelTM)
Bit Depth	8/10/12 bit
Dynamic Range	\geq 63.5dB
Data Rate	124MB/s
Trigger Mode	External trigger / Internal free run
Exposure Control	Pulse width or Program
Exposure Time	6 μ s-10s(Step:0.1 μ s)
Analog Gain	1x/2x/5x/10x
Digital Gain	0.004x-8.000x
Lens Interface	M42 * 1
Data Interface	GigE Vision
Power Interface	HD15 female connector
Power Supply	DC12-24V 2A
Power Dissipation	5 W
Dimensions	62.0mm(W) x 62.0mm(H) x 37.4mm(D)
Operating Temperature	0-65 $^{\circ}$ C
Storage Temperature	-20-75 $^{\circ}$ C

Mechanical Dimensions(mm)

