



PANTHER

Line Scan Camera

PA15KCL-18KC

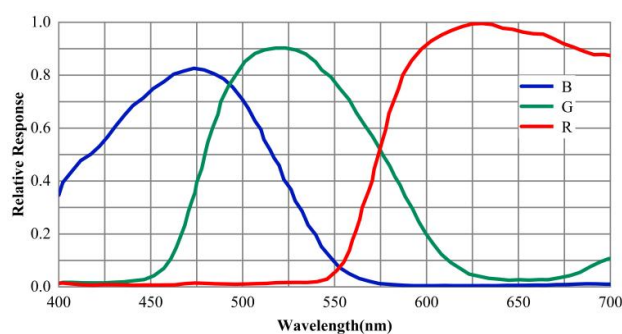
Features

- ◎ 15424 * 3 pixels, 5.6μm * 5.6μm
- ◎ Up to 18kHz Line Rate
- ◎ High sensitivity and low noise
- ◎ Bi-directional scanning
- ◎ Minimum exposure time: 1μs, exposure time step: 1μs
- ◎ FFC / Auto White Balance
- ◎ Internal trigger / External trigger optional
- ◎ Serial port control / GUI configuration tool optional
- ◎ Camera Link interface
- ◎ Power supply: DC12V±10%



Applications

- ◎ Printed circuit board inspection
- ◎ Semiconductor inspection
- ◎ Print and package inspection
- ◎ Food and medicine inspection



Spectral response

Specifications

Model	PA15KCL-18KC
Sensor	4LS15K
Image Mode	Color
Optical Size	86.38 mm
Resolution	1/2Tap: 15424 * 3 ; 3Tap: 15420 * 3
Pixel Size	5.6μm * 5.6μm
Max Line Rate	18kHz@3Tap; 10kHz@2Tap; 5kHz@1Tap
Bit Depth	8/10 bit
Dynamic Range	≥45 dB
Data Rate	820 MB/s (3Tap)
Trigger Mode	Free-Run / External Pulse / External PWM
Exposure Control	Pulse width / Program
Exposure Time	1μs-49998μs(Step:1μs)
Analog Gain	1/1.67/2/3.34x
Digital Gain	0.01-8.00x
Lens Interface	M95 * 1
Data Interface	Camera Link
Power Interface	Hirose HR10A-7R-6PB(Male)
Power Supply	DC12V±10% 2A
Power Dissipation	15.0 W
Dimensions	120.0mm(W) x 110.0mm(H) x 66.0mm(D)
Operating Temperature	0-65°C
Storage Temperature	-20-75°C

Mechanical Dimensions(mm)

