

*****PRELIMINARY*****

ACCEL SERIES

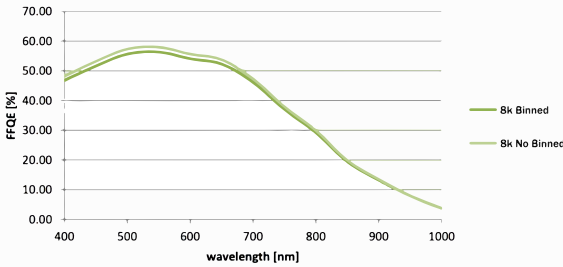
LB-8K-M MONOCHROME

LB-8K-C COLOR

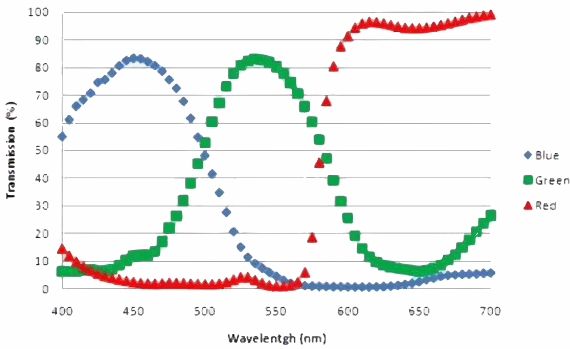


Spectral Sensitivity

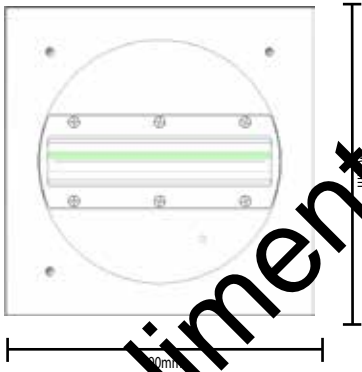
Total Quantum Efficiency - Monochrome



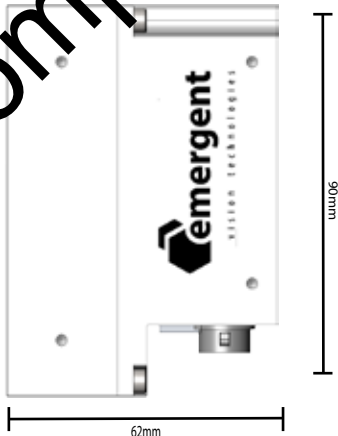
CFA Transmittance



Front View Dimensions



Side View Dimensions



Sensor	E2V Elite 8K CMOS Sensor
Resolution	8192 pixels horizontal
Line Scan Mode	Single line - 200KHz - 8K Bilinear - 100Hz - 8K Trilinear - 66KHz - 8K
Sensor Scanning Width	61.44mm
Cell Size	7.5 μm (H) x 7.5 μm (V)
Dynamic Range	68dB
Digital Output	8 & 10 bit
GPIO / Triggering	2 V-max opto-isolated Start Encoder Module
Interface	SFP28 - 25 GigE
Trigger mode	Line start
Shading correction	Flat shading
Gain	Manual/Auto (Digital All: 0dB ~ +24dB (x1~x16) 1-Step = x0.01)
Gamma	9 Step 1.0 - 0.45
LUT	256 point
Lens Mount	M72 x 0.75 thread / F Mount Adapter
Operating System	Windows 7/8 & 10, Linux (64bit)
Compliance	CE, FCC, RoHS, WEEE, GigE Vision, GenICam
Dimensions & Weight	90x90x62 - 680g
Operating Temperature	0C - 45C
Storage Temperature	-30C to +60C
Power Requirements	9W, 12V

*all minimum exposure specs can vary from what is listed based on the limitations of each sensor as per notice from the manufacturer.

- Line Scan Camera Applications**
- WEB APPLICATIONS - PAPER, TEXTILES, METAL
 - RAILWAY AND ROAD INSPECTION
 - SATELLITE IMAGING
 - SURFACE TOPOGRAPHY SCANNING
 - GLASS AND STEEL INSPECTION
 - POSTAL SORTING

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