



25 GIGE ACCEL - LINE SCAN

LB-8K-M Monochrome
LB-8K-C Color

PRELIMINARY

25GIGE
ACCEL
LINE SCAN



25 GigE Line Scan CMOS Cameras
High Speed 25GigE SFP28 Interface
25x the Speed of GigE
Cable lengths from 1M to 10KM
No Converters Needed!
GigE Vision Compliant



25GIGE LINE SCAN

Speed is Everything.

GigE
VISION
GEN*i*CAM

PRELIMINARY

ACCEL SERIES

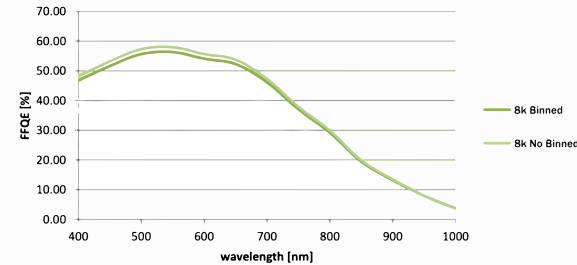
LB-8K-M MONOCHROME

LB-8K-C COLOR

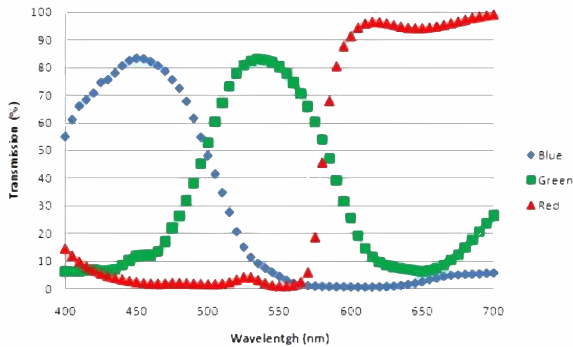


Spectral Sensitivity

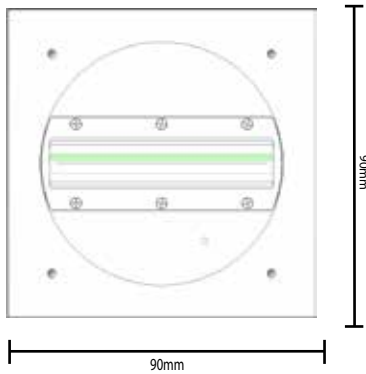
Total Quantum Efficiency - Monochrome



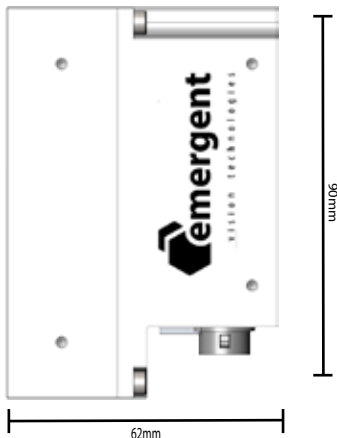
CFA Transmittance



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 μ m (H) x 7.5 μ m (V)
Dynamic Range	68dB
Digital Output	8 & 10 bit
GPIO / Triggering	24V-max opto-isolated Shaft 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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