



PACE SERIES - LINE SCAN

LR-8K-M Monochrome
LR-8K-C Color

*****PRELIMINARY*****

PACE **LINE SCAN**



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



10GIGE LINE SCAN

Speed is Everything.



*****PRELIMINARY*****

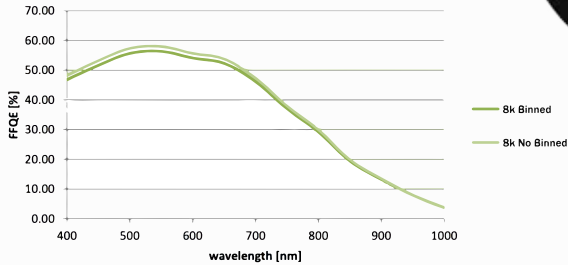
PACE SERIES

**LR-8K-M MONOCHROME
LR-8K-C COLOR**

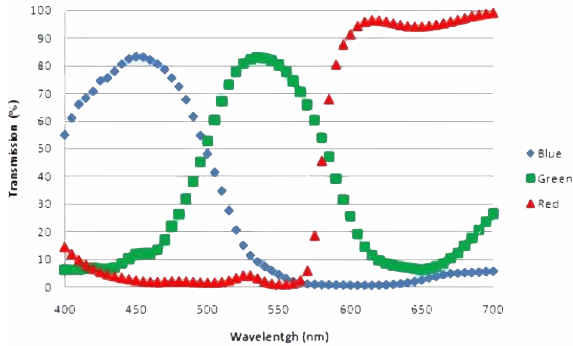


Spectral Sensitivity

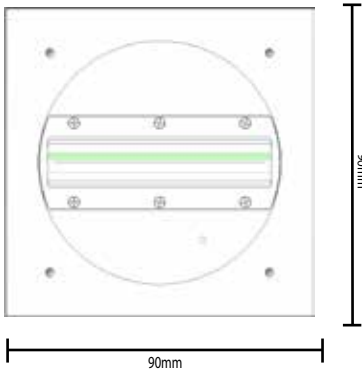
Total Quantum Efficiency - Monochrome



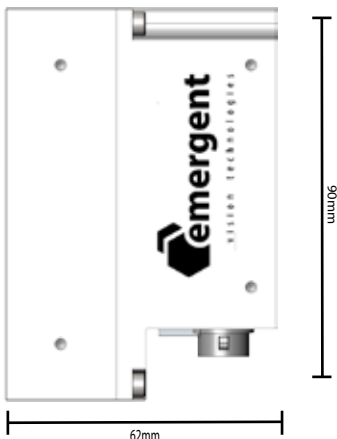
CFA Transmittance



Front View Dimensions



Side View Dimensions



Sensor	E2V Elite 8K CMOS Sensor
Resolution	8192 pixels horizontal
Line Scan Mode	Single line - 137KHz - 8K Bilinear - 68KHz - 8K Trilinear - 45KHz - 8K
Sensor Scanning Width	61.44mm
Cell Size	7.5 μm (H) x 7.5 μm (V)
Dynamic Range	68dB
Digital Output	8/10/12 bit
GPIO / Triggering	24V-max opto-isolated Shaft Encoder Module
Interface	SFP+ 10GigE
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



EMERGENT VISION TECHNOLOGIES

7-11720 Stewart Crescent
 Maple Ridge, B.C. V2X 9E7 Canada
 Ph: 1-866-780-6082
 E-Mail: sales@emergentvisiontec.com
 emergentvisiontec.com