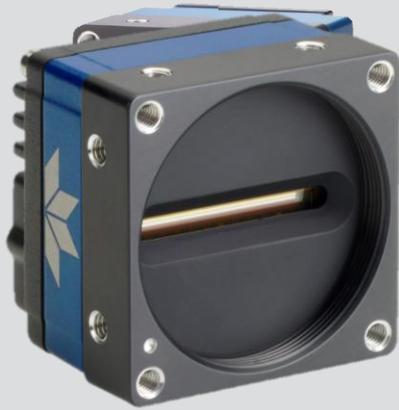


Linea™ Lite

Bilinear Colour Line Scan Cameras



Key Features

- » Bilinear colour
- » Multiple regions of interest for calibration and data reduction
- » 4 programmable coefficient sets
- » Programmable I/Os
- » Compact form factor
- » Precision Time Protocol
- » GigE, PoE

Typical Applications

- » Automated optical inspection
- » Optical sorting
- » Food packaging
- » Film and textile
- » Wood inspection
- » Print inspection
- » Web inspection
- » General machine vision

Linea Lite colour GigE cameras

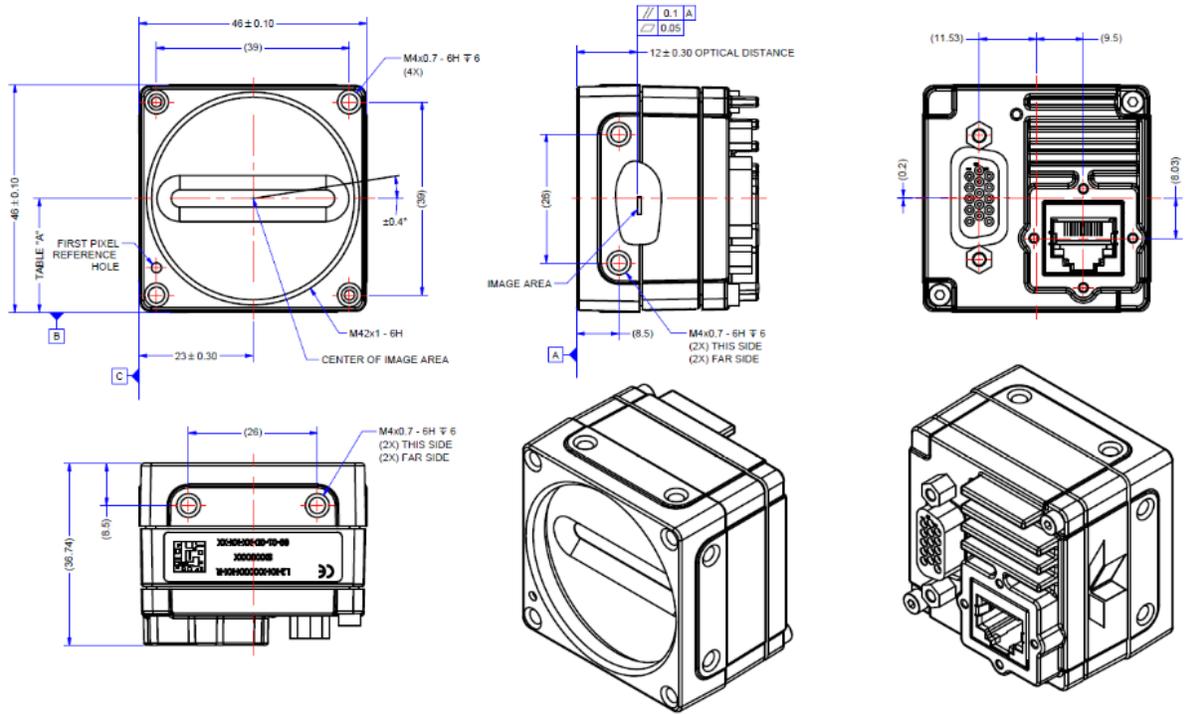
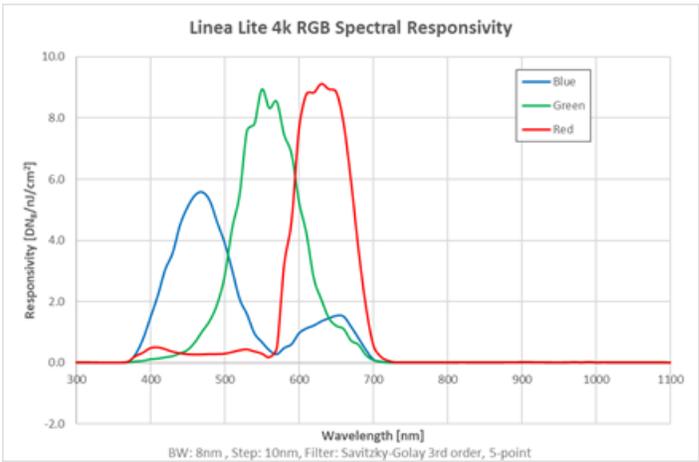
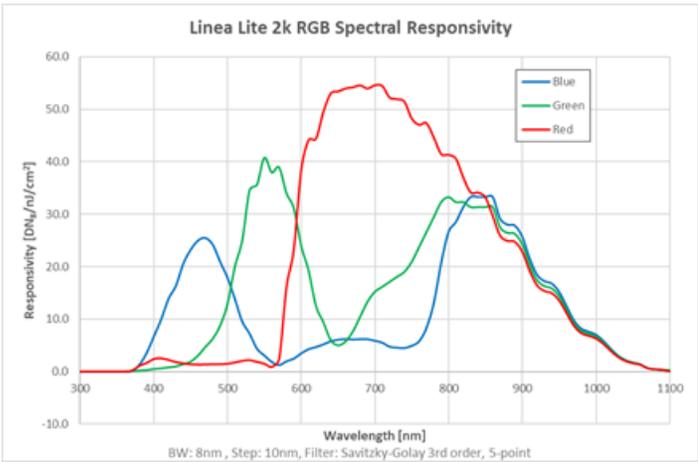
Compact and remarkably cost effective, Linea Lite makes line scan more accessible than ever. Designed with performance in mind, this camera offers superior colour fidelity at 2k or 4k resolution with a GigE Vision® interface.

Specifications

| Part Number | L2-GC-02k02B | L2-GC-04k01B |
|----------------------------|------------------------------------|---------------------|
| Resolution, pixel | 2,048 x 2 | 4,096 x 2 |
| Max line Rate, kHz | 25* 64 (burst) | 12.5* 32 (burst) |
| Pixel Size, µm | 14 x 14 | 7 x 7 |
| Data Format, bit | 8 or 12 | |
| Dynamic Range, dB | 72 | |
| Full Well, ke ⁻ | 30 | |
| Read Noise, e ⁻ | 8.5 | |
| Power Dissipation, W | <5 | |
| Operating Temp, °C | 0 to +65 | |
| Dimension, mm | 46 (W) x 46 (H) x 37 (D) | |
| Weight, g | 150 | |
| Lens Mount | M42 | |
| Data Interface | GigE Vision | |
| Power and GPIO | +12 to +24VDC, HD15 (RJ-45 in PoE) | |

*Without TurboDrive. Max line rate could be 2~3x higher depending on image contents using TurboDrive

www.teledynedalsa.com



| TABLE A | |
|---------------|---------------|
| CAMERA P/N | DIMENSION |
| L2-XX-02KXXX- | 23.212 ± 0.30 |
| L2-XX-04KXXX- | 23.000 ± 0.30 |

NOTES:
 1. UNITS: MILLIMETERS.
 2. IMAGE AREA IS ALIGNED TO DATUMS A, B & C.

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