High Performance and Low Cost. Now in Color

The new Linea Color™ line scan camera delivers the exceptional performance and features found in Teledyne DALSA’s current lineup of high-end cameras at an unprecedented price point.

Based on bilinear CMOS technology, the Linea Color camera has an 8k, 7.04 µm x 7.04 µm pixel array, and a 48 kHz maximum line rate. With excellent sensitivity and speed, Linea Color surpasses the requirements of demanding applications—such as materials grading, web inspection, and general purpose machine vision.

The Linea Color is a compact, light weight and robust camera with many attractive features, including flat-field correction, multiple ROI and AOI, multiple user configuration sets, and calibration coefficients for various lighting conditions.

The GenICam™ compliant Linea is easy to set up and integrate using a GUI, such as Teledyne DALSA’s Sapera™ camera configuration utility CamExpert.

Specifications

- Resolution: 8192 x 2 pixels
- Line Rate: 48 kHz, maximum
- Pixel Size: 7.04 µm x 7.04 µm
- Data Format: 8 or 12 bit selectable
- Output: Base, Medium, Full, and Deca Camera Link
- Lens Mount: M72 x 0.75, F-mount adapter available
- Responsivity: See graph
- Dynamic Range: > 60 dB
- Nominal Gain Range: 10x
- Size: 76.0 mm x 76.0 mm x 36.72 mm
- Mass: < 310 g
- Operating Temp: 0 °C to +65 °C (front plate)
- Power: 12 V to 24 V DC, Hirose 6-pin
- Power Dissipation: 11 W
- Control & Data: SDR-26 mini Camera Link

Models

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Resolution</th>
<th>Maximum Line Rates</th>
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<tr>
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