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## L2-GC-04K03N-00, DALSA Linea2 Multispectral Line Scan 5GigE Camera

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Teledyne Imaging DALSA Linea2 5GigE Line Scan Cameras - Front



Stock #71-785 **2 In Stock**

- 1 + £2,016<sup>00</sup>

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Multispectral

**Spectrum:**

### General

Multispectral

**Type:**

L2-GC-04K03N-00

**Model Number:**

Teledyne DALSA	<b>Manufacturer:</b>
LINEA2™	<b>Camera Series:</b>
4096 x 4	<b>Resolution (Pixels):</b>
<b>Physical &amp; Mechanical Properties</b>	
62 x 62 x 49.3 (excludes connectors and lens mount)	<b>Dimensions (mm):</b>
<280	<b>Weight (g):</b>
Full	<b>Housing:</b>
<b>Sensor</b>	
7.00 x 7.00	<b>Pixel Size, H x V (µm):</b>
DALSA Line Scan CMOS	<b>Type of Sensor:</b>
8/12 bit	<b>Pixel Depth:</b>
71.00	<b>Dynamic Range (dB):</b>
GigE Vision	<b>Machine Vision Standard:</b>
9.5	<b>Read Noise (e<sup>-</sup>):</b>
32 (x4 RGB + NIR)	<b>Maximum Line Rate (kHz):</b>
32	<b>Full Well Depth (ke<sup>-</sup>):</b>
<b>Electrical</b>	
13	<b>Power Consumption (W):</b>
<b>Hardware &amp; Interface Connectivity</b>	
5GigE (PoE)	<b>Interface:</b>
5GigE, RJ45 with Screw Locks	<b>Connector:</b>
+12 to +24V DC HD15 Connector or 48V POE	<b>Power Supply:</b>
Back Panel	<b>Interface Port Orientation:</b>
HD15 (High Density)	<b>GPIO Connector Type:</b>
<b>Threading &amp; Mounting</b>	
M42-Mount	<b>Mount:</b>
<b>Environmental &amp; Durability Factors</b>	
-10 to +65	<b>Operating Temperature (°C):</b>
<b>Regulatory Compliance</b>	
<a href="#">View</a>	<b>Certificate of Conformance:</b>

## Product Details

- Color and Multispectral Options Available
- Line Rates of 32 or 40kHz
- Simple Integration with 5Gbase-T (5GigE) Ethernet Connectivity
- 4k Resolution Option Available

Teledyne Imaging DALSA Linea2 5GigE Line Scan Cameras utilize a single line of sensor pixels to build up a two-dimensional image at a lower cost than area scan cameras. The color camera features a line rate of 40kHz and a resolution of 4096 x 3 with 7µm pixels, whereas the multispectral camera features a line rate of 32kHz with a resolution of 4096 x 4 and 7µm pixels. The high framerates and dedicated RGB and NIR channels enable the detection of sensitive color differences in high-speed applications. Teledyne Imaging DALSA Linea2 5GigE Line Scan Cameras are ideal for automated optical inspections, sorting systems, materials grading and inspections, and general-purpose machine vision applications. The multispectral cameras include sensors that can capture RGB color and NIR in a single scan with minimal spectral crosstalk between the color and NIR channels due to their unique wafer-level dichroic filter coating. Download this [whitepaper](#) for more information on applications that would benefit from line scan camera technology.

**Note:** An H15 cable is required for GPIO operation and is not included with these cameras.

**Sapera LT** is a free image acquisition and control software development toolkit (SDK) for Teledyne DALSA'S 1D cameras / 2D cameras / 3D Laser Profiler cameras and frame grabbers. Hardware independent in nature, Sapera LT offers a rich development ecosystem for machine vision OEMs and system integrators. Sapera LT supports image acquisition from cameras and frame grabbers based on machine vision standards including GigE Vision™,

