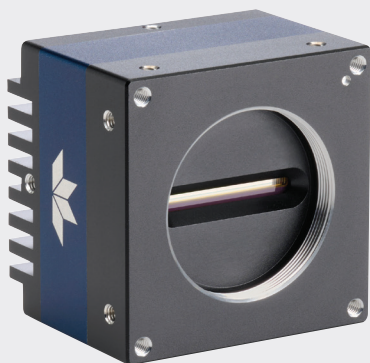


TETRA

Low-Cost Line Scan Cameras



KEY FEATURES

- Low-cost
- Single line/HDR/TDI
- Multiple regions of interest for calibration and data reduction
- Programmable coefficient sets
- Programmable I/Os
- 2.5 GigE Vision
- Power over Ethernet

TYPICAL APPLICATIONS

- Electronics
- Printed circuit boards
- Packaging
- Film, glass and web
- Wood inspection
- Print inspection
- General machine vision

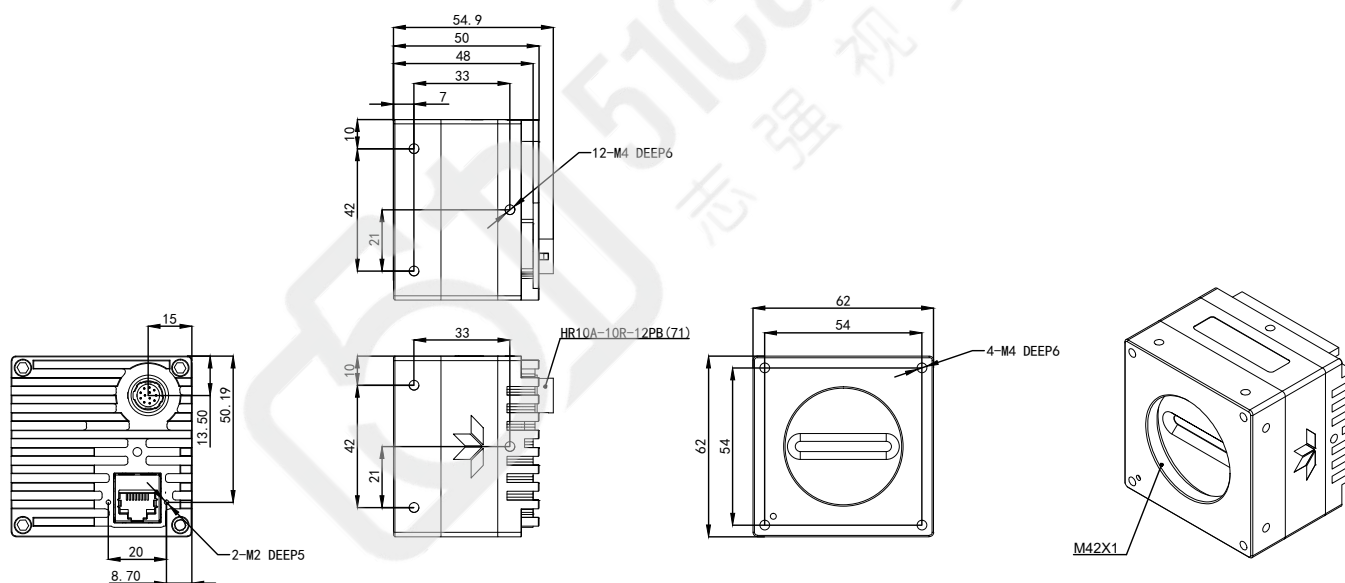
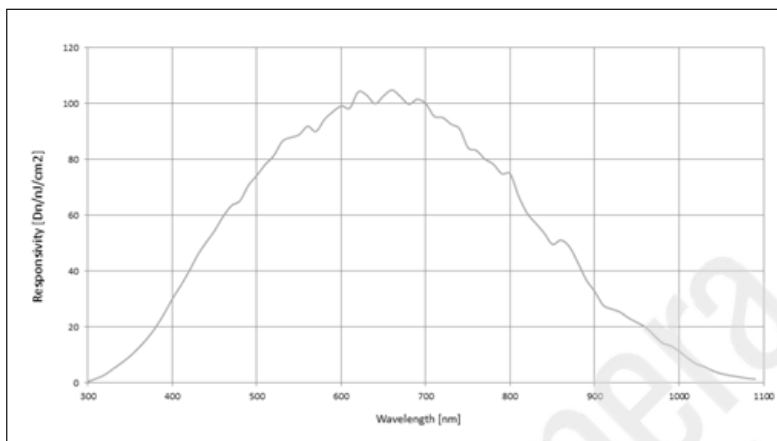
Tetra 2.5 GigE monochrome cameras

The Tetra camera is remarkably cost effective, making line scan technology more accessible than ever. Using Teledyne DALSA's latest line scan sensor technology, it delivers superior image quality, high dynamic range, and low power consumption using a 2.5 GigE Vision® interface for many cost sensitive applications.

SPECIFICATIONS

Part Number	TL-GM-02k15B	TL-GM-04k07B	TL-GM-08K07S
Resolution, pixel	2,048 x 2	4,096 x 2	8,192x1
Line Rate, kHz	150	75	75
Pixel Size, µm	14 x 14	7 x7	3.5x3.5
Data Format, bit	8/10		
Dynamic Range, dB	70		
Full Well, ke-	30		
Read Noise, e-	9		
Power Dissipation, W	<6		
Operating Temp, °C	0 to +55		
Dimension, mm	62 (W) x 62 (H) x 50 (D)		
Weight, g	297		
Lens Mount	M42 x 1		
Data Interface	2.5GigE Vision, RJ45		
Power and GPIO	+12 to +24VDC or PoE, Hirose-12		

SPECIFICATIONS



FOR MORE INFORMATION CONTACT:

AMERICAS Boston, USA | +1 978-670-2000 | TDI_sales.americas@teledynedalsa.com
EUROPE Krailling, Germany | +49 89-89-54-57-3-80 | TDI_sales.europe@teledynedalsa.com
ASIA PACIFIC Tokyo, Japan | +81 3-5960-6353 | TDI_sales.asia@teledynedalsa.com
 Shanghai, China | +86 21-3368-0027 | TDI_sales.asia@teledynedalsa.com

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