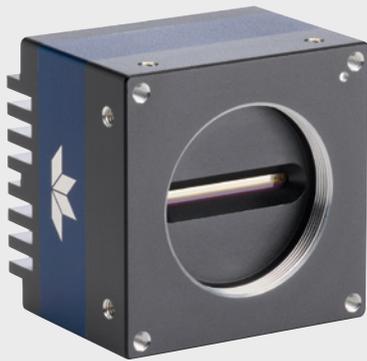


# TETRA

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
- 2.5/10 GigE Vision
- Power over Ethernet (2.5G)
- Made in China

## TYPICAL APPLICATIONS

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

## Tetra 2.5/10 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 2.5/10 GigE Vision® interface for many cost sensitive applications.

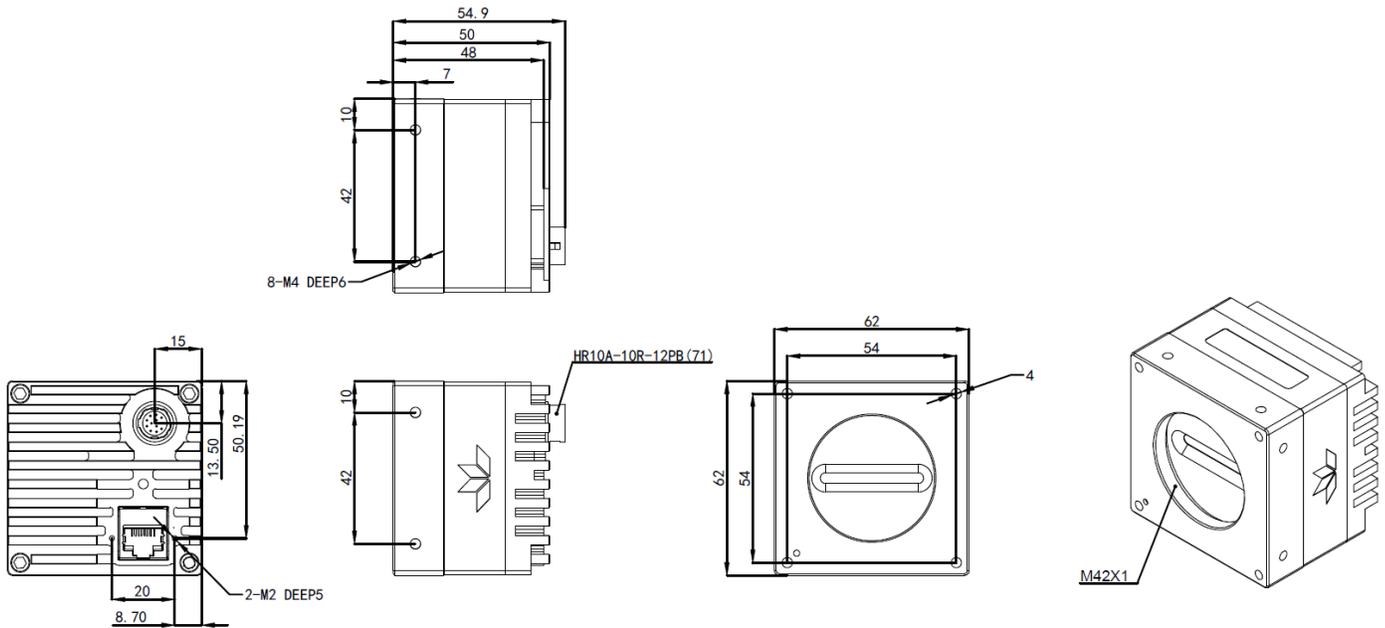
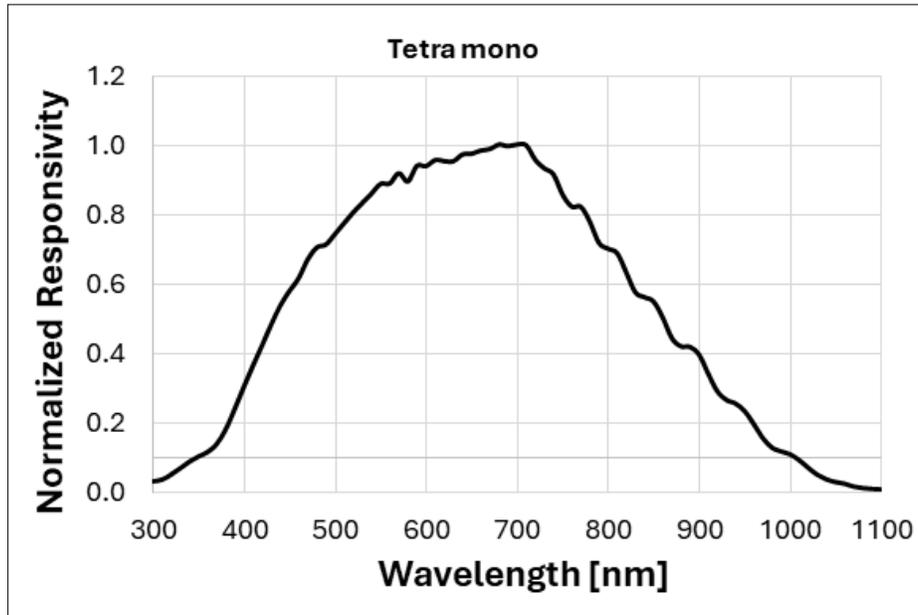
## SPECIFICATIONS

Part Number	TL-GM-02k15B (2.5G)	TL-GM-04k07B (2.5G) TL-GM-04k16B (10G)	TL-GM-08k07S (2.5G) TL-GM-08k08S (10G)
Resolution, pixel	2,048 x 2	4,096 x 2	8,192 x 1
Line Rate, kHz	150	75 (2.5G) / 165 (10G)	75 (2.5G) / 82 (10G)
Pixel Size, µm	14 x 14	7 x 7	3.5 x 3.5
Data Format, bit	8/10		
Dynamic Range, dB	70		
Full Well, ke-	30		
Read Noise, e-	9		
Power Dissipation, W	6 (2.5G) / 11 (10G)		
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	2.5/10 GigE Vision, RJ45		
Power and GPIO	+12 to +24VDC or PoE (2.5G), Hirose-12		

## PRODUCT SUPPORT



**SPECIFICATIONS**



**FOR MORE INFORMATION CONTACT:**

THE AMERICAS	Boston, USA   +1-978-670-2000   <a href="mailto:TDI_sales.americas@teledyne.com">TDI_sales.americas@teledyne.com</a>
EUROPE	Munich, Germany   +49-89-89-54-57-3-80   <a href="mailto:TDI_sales.europe@teledyne.com">TDI_sales.europe@teledyne.com</a>
JAPAN & ASIA PACIFIC	Tokyo, Japan   +81-3-5960-6353   <a href="mailto:TDI_sales.asia@teledyne.com">TDI_sales.asia@teledyne.com</a>
SHANGHAI OFFICE	Shanghai, China   +86-21-60131571 ext. 801   <a href="mailto:saleschina@teledyne.com">saleschina@teledyne.com</a>

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