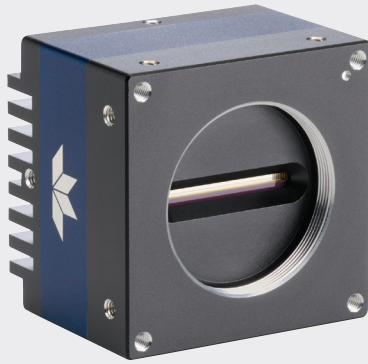


TETRA

Low-Cost Line Scan Cameras



KEY FEATURES

- Low cost
- Trilinear RGB colors
- Multiple regions of interest for calibration and data reduction
- Programmable coefficient sets
- Programmable I/Os
- Precision Time Protocol
- 2.5 GigE Vision
- Power over Ethernet

TYPICAL APPLICATIONS

- Electronics
- Optical sorting
- Packaging
- Film and textiles
- Wood inspection
- Print inspection
- Web inspection
- General machine vision

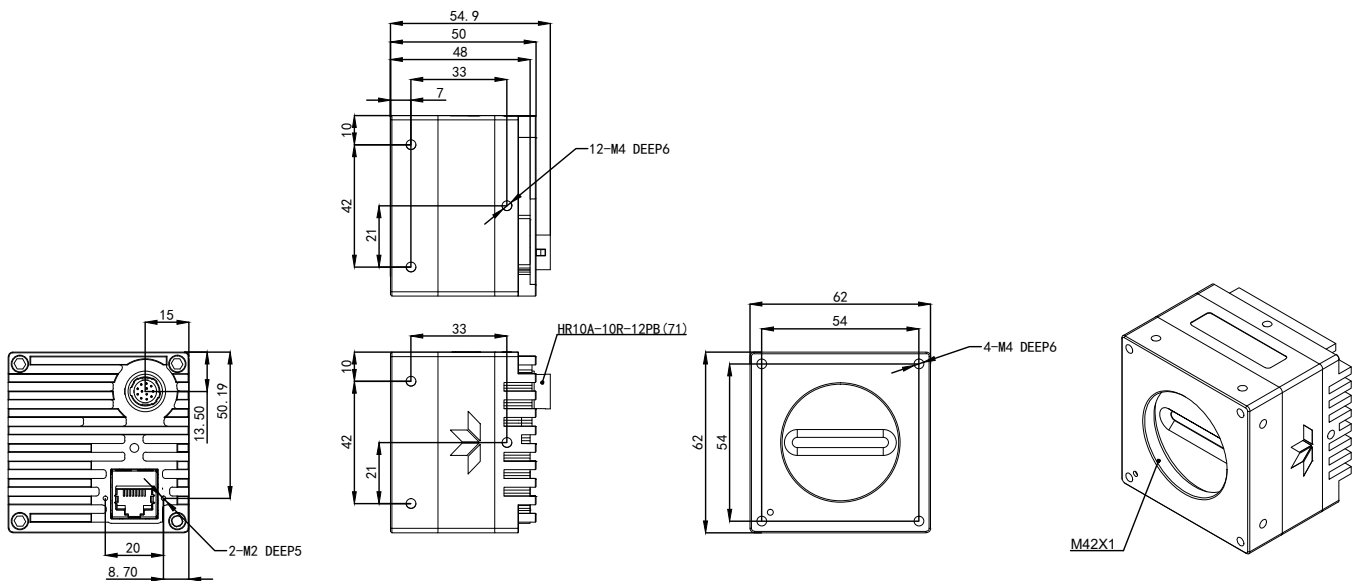
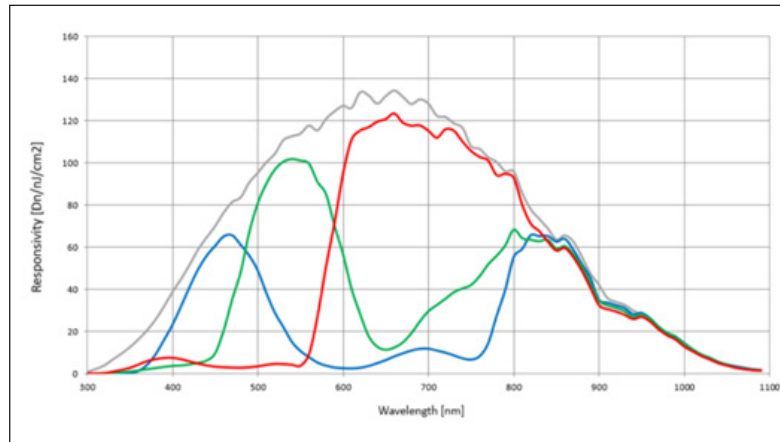
Tetra 2.5 GigE color cameras

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, true RGB colors, and low power consumption using a 2.5 GigE Vision® interface for many cost sensitive applications

SPECIFICATIONS

Part Number	TL-GC-02k05T	TL-GC-04k02T
Resolution, pixel	2,048 x 3	4,096 x 3
Line Rate, kHz	50 x3	25 x3
Pixel Size, μm	14 x 14	7 x7
Data Format (bit)	8	
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



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