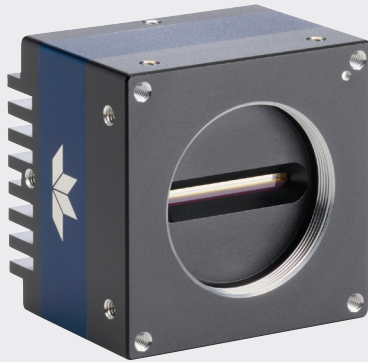


# TETRA

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

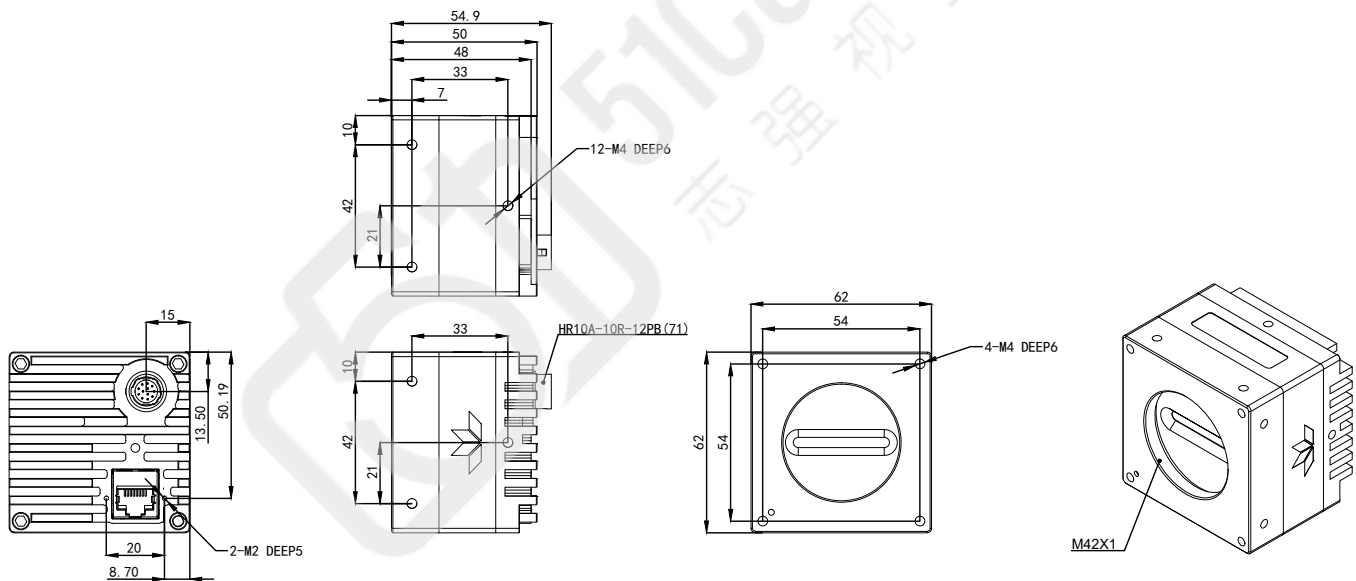
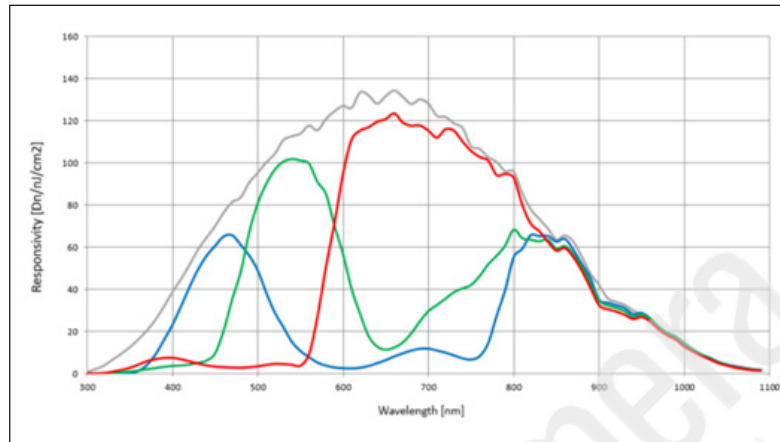
## Tetra 2.5 GigE color cameras

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



## FOR MORE INFORMATION CONTACT:

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