



Trillium 2k, 11 kHz

DALSA's Trillium color line scan cameras use a beam-splitting prism, interference filters, and three separate image sensors to provide separate outputs from a common optical axis. High sensitivity, three channels (Red, Green, and Blue) of LVDS output @ 25 MHz, and superior color registration are just the start of this camera's power. Advanced features such as programmable pixel-by-pixel color correction and balancing, self-calibration, and on-camera diagnostic display make the TR-3x a color performance leader.

To find out more about putting a Trillium into your application, contact your local DALSA representative.

SPECIFICATIONS

Feature	Spec
Part Number	TR-3x-02k25
Resolution	2048 x 3
Total Data Rate	75 MHz
Max. Line Rate	11 kHz
Pixel Size	14 μ m
Number of Camera Taps	3
Output Format	LVDS 3x8 bit
Size	89 x 89 x 219 mm
Mass	1.4 kg
Responsivity	2.1 to 16.8 DN/(nJ/cm ²)

FEATURES

- **Precision:** superior color registration and transmission efficiency
- Pixel-by-pixel correction by integrated signal processing for FPN, PRNU, color balance, and variations in light source intensity and spectra
- **Programmability:** Automatic self-calibration with programmable sensitivity and color balancing, programmable pushbutton and configurable inputs
- **Performance:** 25 MHz per output data rate, 8 bit output from 10 bit digitization, EIA-644 (LVDS) data format
- **Usability:** On-camera diagnostic display, test pattern output for debugging
- 12 V Single input voltage
- CE compliant

Contact Uniforce Sales and Engineering for pricing. Volume and OEM pricing available.