

The TM-4100CL is a miniature, very high-resolution (4.2 Mpixels) monochrome progressive scan CCD camera with dual-tap output and a frame rate of 15 fps at full 2048 x 2048 resolution. The TM-4100CL features the latest Kodak KAI-4021 CCD imager for the best image quality and sensitivity. Applications for the TM-4100CL include machine vision, medical imaging, intelligent transportation systems, high-definition graphics, gauging, and surveillance.

- 1.2” progressive scan IT CCD imager (KAI-4021)
- 2048 x 2048 resolution @ 15 fps
- Color version (RGB Bayer CFA) is available as TMC-4100CL‡
- 7.4 µm square pixels
- Miniature 51 x 51 x 74 mm housing
- Digital Camera Link dual-tap output and analog output (Ch. A only)
- Maximum dynamic range control with PULNiX-exclusive, patent-pending built-in look-up table
- Full frame integration for long exposures
- Image center partial scan (1000, 500, 250 lines)
- Full-frame shutter to 1/16,000 sec.
- Asynchronous reset, no-delay shutter
- Read-out-inhibit control for multiple-camera applications
- Camera Link* external control
- Automatic dual-channel compensation

* For more information, see the Camera Link data sheet

‡ For more information, see the Color AccuPiXEL data sheet

