

KAI-16000

Interline Transfer CCD Image Sensor, 15.8 MP

Product Overview

For complete documentation, see the data sheet.

EOL has been announced for this device

The KAI-16000 is an interline transfer CCD offering 16 million pixels at up to 3 frames per second through 2 outputs. This image sensor is organized into an array of 4,872(H) x 3,248(V) with 7.4 micron square pixels and full 35mm optical format. As an interline transfer CCD, the KAI-16000 includes additional features such as progressive scan readout, electronic shutter, low noise, high dynamic range, and blooming suppression. These features make the KAI-16000 the perfect sensor for applications in Industrial, Aerial, Security, and Scientific markets.

Features

- 16 Million pixel resolution
- Electronic shutter
- 35mm Optical format
- Progressive scan readout
- High sensitivity
- Fast Frame rate
- >60 dB dynamic range

Applications

- Digitization
- Intelligent Transportation Systems
- Machine Vision
- Mapping / Aerial
- Photography