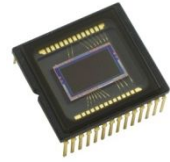


RJ31N3EA0DT

1/2-type Color Progressive Scan CCD Area Sensor with 2M Pixels (1ch)(16:9)
High Speed and High Sensitivity including near-infrared light region (25frames/s @60MHz)



Description

The RJ31N3EA0DT is a 1/2-type(8.04mm) solid-state image sensor that consists of PN photo-diodes and CCDs(charge-coupled devices) with approximately 2M pixels.
The sensor provides a stable high-resolution color image and high sensitivity and high efficiency and high speed (25frames/s @60MHz).

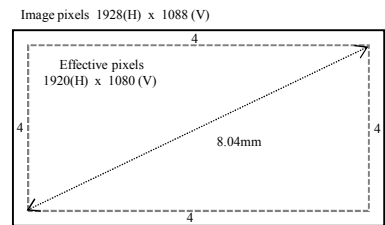
Applications

- Industrial monitor cameras
- Intelligent Transport System cameras
- Video capturing devices for PCs etc.

Features

- | | |
|---------------------------------|---|
| • Number of image pixels | 1928H × 1088V |
| • Sensitivity | 750mV @F4 1000lx with a 90% reflector, 1/30s accumulation |
| • Smear ratio | -115dB |
| • Frame rate | 25frames/s @60MHz |
| • Signal Output | 1ch |
| • Color filter | R/G/B |
| • Supply Voltages | +13.5V/+3.3V/-6.5V |
| • Ambient operating temperature | -30 °C to +85 °C |
| • Package | 28pinDIP(plastic) |

ARRANGEMENT OF PIXELS



System Configuration

