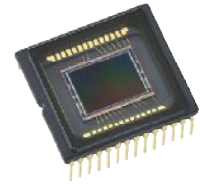


RJ31N3AD0DT

1/1.8-type Color Progressive Scan CCD Area Sensor with 2M Pixels (2ch)
 High Sensitivity and High Efficiency and High Speed (50frames/s @65MHz)



Description

The RJ31N3AD0DT is a 1/1.8-type(8.98mm) 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 (50frames/s @65MHz).

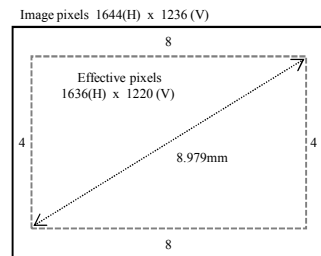
Applications

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

Features

- | | |
|---------------------------------|--|
| • Number of image pixels | 1644H × 1236V |
| • Sensitivity | 1100mV @F4 1000lx with a 90% reflector, 1/30s accumulation |
| • Smear ratio | -120dB |
| • Frame rate | 50frames/s @65MHz |
| • Signal Output | 2ch |
| • 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

