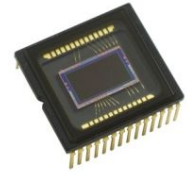


## RJ31N3ED0DT

1/2-type Color Progressive Scan CCD Area Sensor with 2M Pixels (2ch)(16:9)  
 High Speed and High Sensitivity including near-infrared light region (50frames/s @65MHz)



### Description

The RJ31N3ED0DT 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 (50frames/s @65MHz).

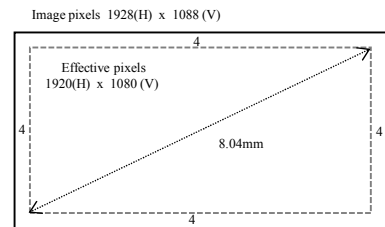
### Applications

- 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                    | 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

