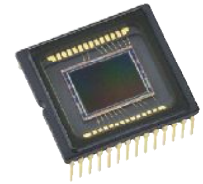


## RJ31P3AA0DT

1/1.8-type Color Progressive Scan CCD Area Sensor with 2.8M Pixels (1ch)  
 High Speed and High Sensitivity including near-infrared light region (17frames/s @60MHz)



### Description

The RJ31P3AA0DT is a 1/1.8-type(8.918mm) solid-state image sensor that consists of PN photo-diodes and CCDs(charge-coupled devices) with approximately 2.8M pixels.  
 The sensor provides a stable high-resolution color image and high sensitivity and high efficiency and high speed (17frames/s @60MHz).

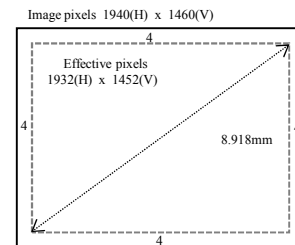
### Applications

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

### Features

- |                                 |   |
|---------------------------------|---|
| • Number of image pixels        | 1940H × 1460V   |
| • Sensitivity                   | 750mV @F4 1000lx with a 90% reflector, 1/30s accumulation |
| • Smear ratio                   | -115dB  |
| • Frame rate                    | 17frames/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

