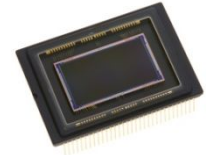


## RJ3EV3EF0DT

4/3-type Color Progressive Scan CCD Area Sensor with 8M Pixels (4ch)(16:9)  
 High Speed and High Sensitivity including near-infrared light region (25frames/s @60MHz)



### Description

The RJ3EV3EF0DT is a 4/3-type(22.65mm) solid-state image sensor that consists of PN photo-diodes and CCDs(charge-coupled devices) with approximately 8M pixels.  
 The sensor provides a stable high-resolution color image and high sensitivity and high efficiency and high speed (25frames/s @60MHz).

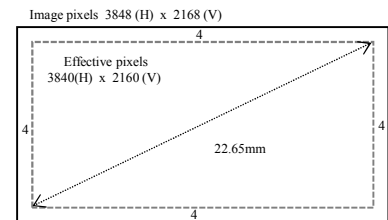
### Applications

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

### Features

- |                                 |  |
|---------------------------------|--|
| • Number of image pixels        | 3848H × 2168V  |
| • Sensitivity                   | 1500mV @F4 1000lx with a 90% reflector, 1/30s accumulation |
| • Smear ratio                   | -125dB   |
| • Frame rate                    | 25frames/s @60MHz  |
| • Signal Output                 | 4ch  |
| • Color filter                  | R/G/B  |
| • Supply Voltages               | +13.5V/+3.3V/-6.5V   |
| • Ambient operating temperature | -30 °C to +85 °C   |
| • Package                       | 64pinDIP(plastic)  |

### ARRANGEMENT OF PIXELS



### System Configuration

