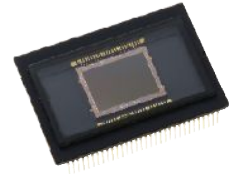


## RJ3DV4AF0DT

1/1-type B/W Progressive Scan CCD Area Sensor with 8M Pixels (4ch)  
 High Speed and High Sensitivity including near-infrared light region (25frames/s @60MHz)



### Description

The RJ3DV4AF0DT is a 1/1-type(15.99mm) 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 B/W image and high sensitivity and high efficiency and high speed (25frames/s @60MHz).

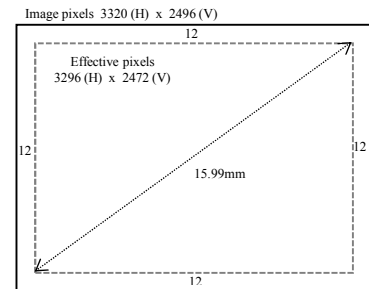
### Applications

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

### Features

- |                                 |                                                            |
|---------------------------------|------------------------------------------------------------|
| • Number of image pixels        | 3320H × 2496V                                              |
| • Sensitivity                   | 1100mV @F4 1000lx with a 90% reflector, 1/30s accumulation |
| • Smear ratio                   | -120dB                                                     |
| • Frame rate                    | 25frames/s @60MHz                                          |
| • Signal Output                 | 4ch                                                        |
| • Color filter                  | B/W                                                        |
| • Supply Voltages               | +13.5V/+3.3V/-6.5V                                         |
| • Ambient operating temperature | -30 °C to +85 °C                                           |
| • Package                       | 64pinDIP(plastic)                                          |

### ARRANGEMENT OF PIXELS



### System Configuration

