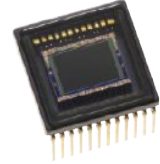


## RJ33B4AA0DT

1/3-type B/W Progressive Scan CCD Area Sensor with 350K Pixels (1ch)  
 High Speed and High Sensitivity including near-infrared light region (120frames/s @60MHz)



### Description

The RJ33B4AA0DT is a 1/3-type(5.92mm) solid-state image sensor that consists of PN photo-diodes and CCDs(charge-coupled devices) with approximately 350K pixels. The sensor provides a stable high speed (120frames/s @60MHz) B/W image and high sensitivity including near-infrared light regions.

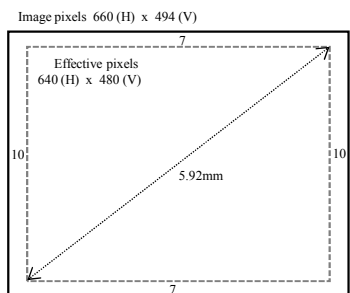
### Applications

- Industrial monitor cameras
- Video capturing devices for PCs etc.

### Features

- |                                 |  |
|---------------------------------|--|
| • Number of image pixels        | 660H × 494V  |
| • Sensitivity                   | 4500mV @F4 1000lx with a 90% reflector, 1/30s accumulation |
| • Smear ratio                   | -125dB   |
| • Frame rate                    | 120frames/s @60MHz   |
| • Signal Output                 | 1ch  |
| • Color filter                  | B/W  |
| • Ambient operating temperature | -30 °C to +85 °C   |
| • Package                       | 24pinDIP(plastic)  |

#### ARRANGEMENT OF PIXELS



### System Configuration

