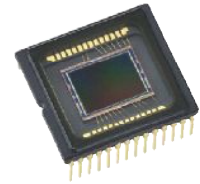


RJ31P4AA0DT

1/1.8-type B/W 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 RJ31P4AA0DT 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 B/W image and high sensitivity and high efficiency and high speed (17frames/s @60MHz).

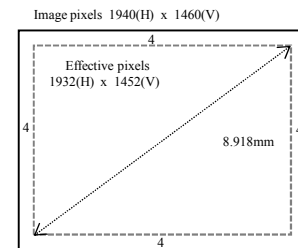
Applications

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

Features

- | | |
|---------------------------------|--|
| • Number of image pixels | 1940H × 1460V |
| • Sensitivity | 1150mV @F4 1000lx with a 90% reflector, 1/30s accumulation |
| • Smear ratio | -115dB |
| • Frame rate | 17frames/s @60MHz |
| • Signal Output | 1ch |
| • Color filter | B/W |
| • Supply Voltages | +13.5V/+3.3V/-6.5V |
| • Ambient operating temperature | -30 °C to +85 °C |
| • Package | 28pinDIP(plastic) |

ARRANGEMENT OF PIXELS



System Configuration

