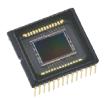


# RJ31N3AD0DT

1/1.8-type Color Progressive Scan CCD Area Sensor with 2M Pixels (2ch) High Sensitivity and High Efficiency and High Speed (50frames/s @65MHz)



ARRANGEMENT OF PIXELS Image pixels 1644(H) x 1236 (V)

> Effective pixels 1636(H) x 1220 (V)

> > 8 979mm

### Description

The RJ31N3AD0DT is a 1/1.8-type(8.98mm) solid-state image sensor that consists of PN photo-diodes and CCDs(charge-coupled devices) with approximately 2M pixels. The sensor provides a stable high-resolution color image and high sensitivity and high efficiency and high speed (50frames/s @65MHz).

## Applications

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

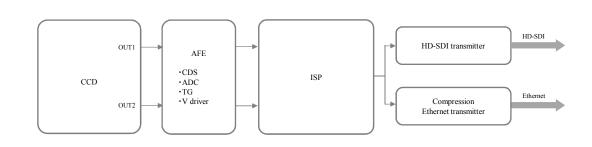
### Features

- Number of image pixels
- Sensitivity
- Smear ratio
- Frame rate
- Signal Output
- Color filter
- Supply Voltages
- Ambient operating temperature
- Package

### System Configuration

#### 50frames/s @65MHz 2ch R/G/B +13.5V/+3.3V/-6.5V -30 °C to +85 °C 28pinDIP(plastic)

1100mV @F4 1000lx with a 90% reflector, 1/30s accumulation



1644H × 1236V

-120dB

Sharp reserves the right to change products and specifications without prior notice.

The circuit diagram and others included in this specifications are intended for use to explain typical application examples. Therefore, we take no responsibility for any problem as may occur due to the use of the included circuit and for any problem with industrial proprietary rights or other rights.