

# RJ3EV4EF0DT

4/3-type B/W 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

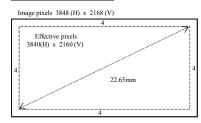
The RJ3EV4EF0DT is a 4/3-type(22.65mm) solid-state image sensor that consists of PN photo-diodes and CCDs(charge-coupled devices) with approximately 8M pixels.

The sensor provides a stable high-resolution 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.

#### ARRANGEMENT OF PIXELS



# Features

• Number of image pixels 3848H × 2168V

• Sensitivity 2250mV @F4 1000lx with a 90% reflector, 1/30s accumulation

• Smear ratio -125dB

• Frame rate 25frames/s @60MHz

• Signal Output 4ch

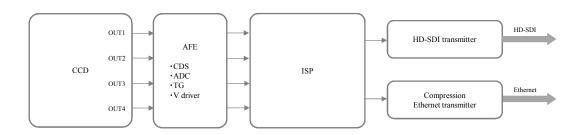
Color filter
B/W

• Supply Voltages +13.5V/+3.3V/-6.5V

• Ambient operating temperature -30 °C to +85 °C

Package 64pinDIP(plastic)

## System Configuration



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.