



1920x1080 IR Dome, Wide Dynamic Range  
Panasonic 2.1Mega-Pixel, 0 Lux, 3.6mm Lens

**HDSDI 1080p**

RCD-20036SDIR

- HD-SDI**
- 1080**  
Progressive
- Panasonic  
1/3" CMOS
- 0 Lux**
- 20 meter  
IR Distance
- PRIVACY**  
MASKING
- OSD**  
On Screen Display
- ATR**  
Adaptive Tone Reproduction
- AWB**  
Auto White Balance
- AGC**  
Auto Gain Control
- AES**  
Auto Electronic Shutter
- BLC**  
Back Light Compensation
- WDR**
- Vandal**  
Proof
- WEATHER**  
PROOF

## “True Digital Interface HD-SDI Dome with Panasonic CMOS”

The RCD-20036SDIR is a FULL HD - HDSDI Digital, vandal-proof, weather-proof, external dome color camera ideal for outdoors. The dome utilizes the latest Panasonic CMOS technology with a 2.1 Mega-Pixel sensor with Wide Dynamic Range (WDR) and On Screen Display (OSD).

At 1920x1080 resolution, this cameras outperforms all analogue cameras and most IP security cameras at this price.

The 3.6mm lens provides wide coverage for applications such as entrances, driveways, car parks and warehouses.

## Special Functions

### HD-SDI

#### High Definition Serial Digital Interface

The RCD-20036SDIR uses the Panasonic 2.1 Mega Pixel CMOS sensor and supports the Full HD resolution of 1920x1080. This is around 6 times the resolution of standard security cameras.

### 1080 Progressive

#### 1080p FULL HD

1080 Progressive lines of resolution.  
Rivals the most high end IP security cameras.

### OSD On Screen Display

#### On Screen Display

Easy to use, multi language, push button control of shutter speed, white balance, Backlight, ATR, Privacy Masking, Noise Reduction, Gain Control and more.

### PRIVACY MASKING

#### Privacy Masking

This advanced feature allows areas on the image to be masked out with an electronic overlay. A common use is near Point Of Sale systems where EFTPOS machines are used.

### WDR

#### Wide Dynamic Range

The WDR function improves the contrast of subjects where both low-luminance areas and high-luminance areas exist in the same picture.

### 0 Lux

#### 0Lux Perfect Day/Night Vision

The RCD-20036SDIR uses 24 Infrared LEDs to illuminate the darkest of environments while maintaining very low operating temperature making it ideally suited to Australian conditions.

## Major Features

- Panasonic 1/3" 1920x1080 HDSDI CMOS Technology
- FULL HD 1080p Resolution
- Day/Night switching with Night Infrared illumination
- Heavy Duty, vandal and weather proof enclosure, low heat generation
- 90° Wide angle viewing area with a rotatable housing
- HLC – Highlight Compensation
- OSD – On Screen Display with advanced setting adjustments
- AGC – Auto Gain Control for better low light performance
- AWB – Auto White Balance for correct color
- WDR – Wide Dynamic Range
- BLC – Back Light Compensation ensures correct object lighting

## Specifications

| MODEL                   |                       | RCD-20036SDIR                     |
|-------------------------|-----------------------|-----------------------------------|
| Video                   | Imaging Device        | 1/3" 2.1Mega-Pixel Panasonic CMOS |
|                         | Resolution            | 1080P (1920 X 1080)               |
|                         | Minimum Illumination  | 0 Lux (LED On)                    |
|                         | Signal-to-Noise Ratio | >50dB                             |
|                         | Sync System           | Internal                          |
|                         | Scanning System       | Progressive Scan                  |
|                         | Shutter Speed         | 1/25 - 1/60,000                   |
|                         | B&W / Color           | Color                             |
|                         | Video System          | PAL                               |
|                         | Video Output          | 1 x HDSDI, 1 x CVBS               |
|                         | Picture Elements      | 2010(H) x 1108(V)                 |
|                         | Gamma Correction      | 0.45                              |
|                         | White Balance         | Auto                              |
| Auto Gain Control (AGC) | Auto                  |                                   |
| IR                      | LED Count             | 24 pcs                            |
|                         | Illumination Distance | 20 meters                         |
|                         | Wavelength            | 850nm                             |
| Lens                    | Focal Length          | 3.6 mm                            |
|                         | Lens Mount            | Miniature                         |
| Operating Temperature   |                       | -10°C ~ +50°C                     |
| Storage Temperature     |                       | -20°C ~ +60°C                     |
| Dimensions              |                       | 94(W) x 69(H) x 94(D)             |
| Weight                  |                       | 400g                              |
| Power                   |                       | 12VDC 210mA/450mA                 |

\*Specifications may change without notice

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