



1920x1080 IR Dome, Wide Dynamic Range
Panasonic 2.1Mega-Pixel, 0 Lux, 8mm Lens

HDSDI 1080p

RCD-W20080SDIR



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

The RCD-W20080SDIR 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 8mm lens provides a narrower view for applications such as cash registers, laneways, car registration plates and better facial recognition.

Special Functions

HD-SDI High Definition Serial Digital Interface
The RCD-W20080SDIR uses the Panasonic 2.1MegaPixel 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
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-W20080SDIR 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-W20080SDIR
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	8 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

AUCOM Surveillance

E-mail: sales@aucom.com.au

Free call: 1300 280 670

Web: http://www.aucom.com.au



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