

TECHNICAL DATA SHEET

VRD163M

True Day/Night WDR Vandal Resistant IR Dome Camera with 3.3-12mm DC AI VF Lens



KEY FEATURES

- 1/3" Sony Super HAD CCD
- Ultra High Resolution, 600 TVL
- WideLux DSP
- Vandal Resistant Housing
- 100mm Polycarbonate Bubble
- 3-Axis Magnetic Ball Gimbal
- Mechanical IR Cut-Filter
- Intelligent IR Control
- WideLux sWDR (Super Wide Dynamic Range)
- 3D DNR (Digital Noise Reduction)
- Integrated 3.3-12mm DC AI VF Lens
- 10 IR LED Pcs (20m Illumination*)
- Highlight Eclipse Function
- Motion Detection
- Privacy Function
- O.S.D.
- RS-485 Interface
- Dual Mount (Surface/Flush)
- IP66 Rated
- DC 12V / AC 24V

* Illumination distance quoted above is based on optimal conditions.

* OSD Remote Control Required (VRD163M/RC)

WIDELUX WDR

Achieves better optimal horizontal and vertical resolution. It balances wide dynamic process, resolving detail under a wider range of lighting environments.

INTELLIGENT IR CONTROL

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Prevents oversaturation when objects come close to the camera allowing background details to remain visible.

OPTIONAL ACCESSORIES

2 Amp 12V DC Switch 2 Amp 12V DC Switch Mode Power Supply.
Mode Power Supply

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TECHNICAL SPECIFICATION

Model Number	VRD163M
Image Sensor	1/3" Sony Super HAD CCD
Horizontal Resolution	600 TVL (Day), 650 TVL (Night)
Min. Illumination (F1.2)	0.1 Lux (Sens-up Off), 0.0001 Lux (Sens-up, x512)
Lens	3.3 - 12mm DC AI Varifocal Lens
Effective Pixels (H x V)	752 x 582
Shutter Speed	1/50 ~ 1/120,000 Seconds
Scanning System	625 Lines, 2:1 Interlace
Synchronisation	Internal
Frequency	Horizontal: 15.625 KHz, Vertical: 50.00 Hz
Video Output	1.0Vp-p Composite 75 Ohm
S/N Ratio	>52dB (AGC Off)
White Balance	Auto ATW / Push Lock / Manual (1,800°K ~ 11,000°K)
Gain Control	Standard: -6dB ~ 34dB Auto / Maximum
Iris Control	DC Iris
WideLux WDR	On / Off (Selectable)
3D DNR	On / Off (Selectable)
Sens-up	2x ~ 512x / Off
Digital Zoom	x1 ~ x6 / Off
Motion Detection	On / Off (8 Zones)
Privacy Mask	On / Off (8 Zones)
RS-485 Interface	Yes (Pelco D)
IP Rating	IP66
IR LEDs & Illumination (850nm)	10 Pcs IR LEDs / 20m Illumination Range*
Operating Conditions	Temperature: -10°C ~ +50°C, Humidity: 0 ~ 80% RH
Power Supply	DC 12V / AC 24V
Power Consumption	90mA/24VAC (IR Off); 190mA/24VAC (IR On); 200mA/12VDC (IR Off); 400mA/12VDC (IR On)
Dimensions (D x H)	150 x 115.7 mm
Weight	1900g
*Illumination distance quoted above is based on optimal conditions	

Features and specification are subject to change for further improvement without any notice.