

## TECHNICAL DATA SHEET

# VRD6504IR

Ultra High Resolution True Day/Night IR Vandal Resistant Dome



WB6504

### KEY FEATURES

- 1/3" Sony Super HAD CCD
- Ultra High Resolution, 600 TVL
- Vandal Resistant Housing
- Mechanical IR Cut-Filter
- 2D Digital Noise Reduction (2D-DNR)
- Digital Wide Dynamic Range (D-WDR)
- 30pc LEDs
- Up To 15m IR Distance\*
- Integrated Varifocal Lens
- O.S.D.
- Selectable Gain Control
- Electronic Shutter Control
- Selectable White Balance
- Dead Pixel Compensation
- Privacy Masking
- IP66 Rated
- 3-Axis Camera Positioning
- Dual Voltage
- Wall Bracket Available

\* Assumes Ideal Conditions

### ORDERING INFORMATION

VRD6504IR TDN Vandal Dome with  
IR LEDs, 2.8-11mm DC AIVF Lens

WB6504 Wall Bracket, Black

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### TECHNICAL SPECIFICATION

Model Number	VRD6504IR
Image Sensor	1/3" Sony Super HAD CCD
Horizontal Resolution	600 TVL (Col), 700 TVL (Mono)
Sensitivity (50 IRE @ F1.2)	0.3 Lux (Col), 0 Lux (With IR ON)
Lens	2.8-11mm DC AI Varifocal
Effective Pixels (H x V)	752 x 582
Electronic Shutter Speed	1/50~1/100,000
Scanning System	2:1 Interlace
Synchronisation	Internal
Frequency	Horizontal: 15.625KHz Vertical: 59.94Hz
Video Output	1.0Vp-p~75Ω
S/N Ratio	>52dB (AGC Off)
On Screen Display (O.S.D)	Yes
Day / Night	AUTO / COLOUR / B&W / EXT (ICR)
2D-DNR	ON / OFF Selectable
D-WDR	ON / OFF Selectable (Level Adjustable 0~35)
Dead Pixel Compensation	OFF / AUTO (Max 64 Points)
Gain Control	OFF / LOW / MIDDLE / HIGH
Sharpness	ON / OFF (Level Adjustable 0~30)
White Balance	ATW / ATW2 / MANUAL / AWC SET
Back Light Compensation	OFF / BLC / HLC Selectable
Privacy Masking	OFF / ON (8 Zones)
Motion Detection	OFF / ON (4 Zones)
Lens Shading (LSC)	ON / OFF Selectable (Level Adjustable 0~255)
IP Rating	IP66
IR SMART	ON / OFF Selectable (IR Gain Level Adjustable 0~255)
IR LED Quantity / Illumination Distance	30 pcs / Approximately Up To 15m*
IR Wavelength	850nm
Operating Conditions	Temperature: -10°C ~ +50°C Humidity: 30 ~ 90% RH
Power Supply	DC 12V / AC 24V
Power Consumption	150mA (DC 12V) 90mA (AC 24V), 450mA (CDS ON)
Dimensions (W x D)	145 x 100 mm
Weight	600g

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

\*Illumination distance quoted above is based on optimal conditions