

TECHNICAL DATA SHEET

VRD6504IR SERIES

Ultra High Resolution True Day/Night IR Vandal Resistant Dome



VRD6504IR



VRD6504IR/CR



WB6504



WB6504/CR

KEY FEATURES

- 1/3" Sony Super HAD CCD
- Ultra High Resolution, 630 TVL
- Vandal Resistant Housing
- Mechanical IR Cut-Filter
- 3D Digital Noise Reduction (3D-DNR)
- Digital Wide Dynamic Range (D-WDR)
- 30pc LEDs
- Up To 15m IR Distance*
- Integrated Varifocal Lens
- OSD
- Smart IR
- Sens-Up (x1024)
- 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 |
| VRD6504IR/CR | TDN Vandal Dome with IR LEDs, 2.8-11mm DC AIVF Lens |
| WB6504 | Wall Bracket, Black |
| WB6504/CR | Wall Bracket, Cream |

TECHNICAL DATA SHEET

TECHNICAL SPECIFICATION

| Model Number | VRD6504IR | VRD6504IR/CR |
|---|--|--------------|
| Image Sensor | 1/3" Sony Super HAD CCD | |
| Horizontal Resolution | 630 TVL (Col), 680 TVL (B&W) | |
| Sensitivity (50 IRE @ F1.2) | 0.3 Lux (Col), 0.01 Lux (B&W), 0.00002 Lux (with Sens-Up 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 (OSD) | Yes | |
| Day / Night | AUTO / COLOUR / B&W / EXT (ICR) | |
| 3D-DNR | OFF / LOW / MIDDLE / HIGH / CNR | |
| D-WDR | ON / OFF Selectable (Level Adjustable 0~20) | |
| Dead Pixel Compensation | OFF / AUTO | |
| Gain Control | OFF / LOW / MIDDLE / HIGH | |
| Smart IR | ON / OFF | |
| Sens-Up | OFF / AUTO (Selectable Limit x2 ~ x1024) | |
| Sharpness | ON / OFF (Level Adjustable 0~30) | |
| White Balance | ATW / MANUAL / PUSH / AWC | |
| 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 0-30) | |
| IP Rating | IP66 | |
| 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