

TECHNICAL DATA SHEET

VRD63TDN & VRD63IR

Super High Resolution True Day/Night Vandal Resistant Dome Cameras



VRD63IR



VRD63 with Wall Bracket



VRD63 with Junction Box

KEY FEATURES

- 1/3" IT CCD
- Super High Resolution, 540 TVL
- Vandal Resistant Housing
- 100mm Polycarbonate Bubble
- Mechanical IR Cut-Filter
- Digital Noise Reduction (4 Levels)
- Integrated 2.8-10mm DC AIVF Lens
- 18 pc IR LEDs - 15m Range* (VRD63IR Model)
- Electronic Shutter Control
- Selectable Gain Control
- Selectable White Balance
- Auto White Balance
- O.S.D. Menu
- Motion Detection
- Mirror Function
- Privacy Function
- Improved Cable Entry
- Rubber Seal Footprint
- Three Axis Camera Positioning
- Built-in UTP Transmitter
- IP67 Rated
- DC 12V / AC 24V

*Illumination distance quoted above is based on optimal conditions

ORDERING INFORMATION

- | | |
|----------|---|
| VRD63TDN | True Day/Night Vandal Dome with 2.8-10mm DC AIVF Lens, UTP, Dual Voltage |
| VRD63IR | True Day/Night Vandal Dome with 2.8-10mm DC AIVF Lens, IR LEDs, UTP, Dual Voltage |
| WB-VRD | Wall Bracket for VRD Domes |
| VRD-JB | Junction Box for VRD Domes |



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TECHNICAL SPECIFICATION

Model Number	VRD63TDN	VRD63IR
Image Sensor	1/3" Interline Transfer CCD	
Horizontal Resolution	540 TVL	
Sensitivity (40 IRE @ F1.2)	0.3 Lux (Col), 0.002 Lux (With SENS-UP ON x128)	0.3 Lux (Col), 0 Lux (With IR ON)
Lens	2.8-10mm DC AI Varifocal (F1.2)	
Angle of View	H : 100.8°(Wide)~28.5°(Tele) / V : 73.7°(Wide)~21.4°(Tele)	
Effective Pixels (H x V)	752 x 582	
Electronic Shutter Speed	1/50~1/120,000 Sec	
Scanning System	2:1 Interlace	
Synchronisation	INT/LL Selectable	
Frequency	Horizontal: 15.625KHz Vertical: 50.00Hz	
Video Output	1.0Vp-p~75Ω	
S/N Ratio	>50dB (AGC Off)	
VBS Extra Connector	For Local Connection of Test Monitor	
Colour	AUTO (IR Cut-Filter)	
Digital Noise Reduction (DNR)	OFF / LOW / MIDDLE / HIGH	
O.S.D.	Yes, Built-In	
Gain Control	OFF / LOW / MIDDLE / HIGH	
White Balance	ATW / AWB / MANUAL (1800°K~10500°K)	
Back Light Compensation	LOW / MIDDLE / HIGH / OFF Selectable	
Motion Detection	ON / OFF (4 Programmable Zones)	
Mirror	Built-In (Horizontal Image Inversion)	
Sharpness	Selectable Range from 0 ~ 31	
Privacy Function	ON / OFF (4 Programmable Zones)	
Iris Control	DC	
Camera ID	Up To 15 Alphanumeric Characters	
Unshielded Twisted Pair (UTP)	UTP transmitter is included in the camera therefore an additional UTP transmitter is not required	
IR LEDs & Illumination Distance (850nm)	N/A	18 pc, Up to 15m Range*
Construction	Aluminium Cast Dome with Polycarbonate Bubble	
IP Rating	IP67	
Operating Conditions	Temperature: -10°C ~ +50°C, Humidity: 30 ~ 90% RH	
Power Supply	DC 12V / AC 24V	
Power Consumption	240mA (AC24V); 360mA (DC12V)	320mA(AC 24V); 440mA(DC 12V)
Dimensions (D x H)	152 x 104.7mm	
Weight	910g	

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

*Illumination distance quoted above is based on optimal conditions