

## TECHNICAL DATA SHEET

# VRD63 SERIES

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 (Except VRD63H)
- Built-in Heater (VRD63H)
- IP67 Rated
- DC 12V / AC 24V (Except VRD63H)

### ORDERING INFORMATION

VRD63TDN	True Day/Night Vandal Dome with 2.8-10mm DC AIVF Lens, UTP, Dual Voltage
VRD63H	True Day/Night Vandal Dome with 2.8-10mm DC AIVF Lens, Heater, DC 12V
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



\*Illumination distance quoted above is based on optimal conditions

## TECHNICAL DATA SHEET

### TECHNICAL SPECIFICATION

Model Number	VRD63TDN	VRD63H	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)	YES	NO	YES
IR LEDs & Illumination Distance (850nm)	N/A		18 pc, Up to 15m Range*
Heater	N/A	YES, Built-In	N/A
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 (±)	DC 12V (±)	DC 12V (±) AC 24V (±)
Power Consumption	240mA (AC24V); 360mA (DC12V)	1,100mA	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