

## TECHNICAL DATA SHEET

# VRCD-545 IZ

High Resolution True Day/Night Vandal Dome with 10x Zoom



### KEY FEATURES

- 1/4" Sony CCD
- High Resolution, 500 TVL
- 10x Optical Zoom
- Vandal Resistant Housing
- Mechanical IR Cut-Filter
- 100mm Polycarbonate Bubble
- Digital Noise Reduction (DNR) - 4 Levels
- Saves Up To 70% HDD Storage with DNR, Using MPEG 4 Codec
- Selectable Gain Control
- Selectable Electronic Shutter Control
- Selectable White Balance
- Selectable Back Light Compensation
- O.S.D. Menu
- Motion Detection
- Mirror Function
- Privacy Masking
- RS485 Interface
- IP65 Rated
- Three Axis Positioning
- Dual Voltage

### ORDERING INFORMATION

VRCD-545 IZ True Day/Night Vandal Dome  
With 10x Optical Zoom

## TECHNICAL DATA SHEET

### TECHNICAL SPECIFICATION

Model Number	VRCD-5451Z
Image Sensor	1/4" Sony CCD
Horizontal Resolution	500 TVL (Col), 570 TVL (Mono)
Sensitivity (50 IRE @ F1.8)	0.7 Lux (Col), 0.1 Lux (Mono)
Lens	10x Optical: 3.8-38mm Auto Focus Zoom
Digital Zoom	OFF, x2, x4, x8 Selectable
Angle Of View	H: 51.2° (Wide) to 5.58° (Tele) V: 39.3 (Wide) to 4.27° (Tele)
Camera Title	OFF / ON (15 Characters)
Effective Pixels (H x V)	752 x 582
Electronic Shutter Speed	ESC (x128~1/50~1/1.20000) Manual (x128~1/50~1/20000 Sec) Flickerless (1/120 Sec)
Scanning System	2:1 Interlace
Synchronisation	INT/LL Selectable, 0~359° (Adjustable)
Frequency	Horizontal: 15.625KHz Vertical: 59.94Hz
Video Output	1.0Vp-p~75Ω
S/N Ratio	>50dB (AGC Off)
DNR	OFF / LOW / MIDDLE / HIGH
O.S.D.	Yes, Built-In
Gain Control	OFF / LOW / MIDDLE / HIGH Selectable
White Balance	ATW / AWC / MANUAL (1800°K~10500°K)
Back Light Compensation	OFF / LOW / MIDDLE / HIGH
Motion Detection	ON / OFF (4 Programmable Zones)
Mirror	OFF, Horizontal, Vertical, Vertical-Horizontal
Privacy Function	ON / OFF (4 Programmable Zones)
Zoom / Focus	Manual
Iris Control	DC / VIDEO
Communication	RS-485
IP Rating	IP65
Operating Conditions	Temperature: -10°C ~ +50°C Humidity: 30 ~ 90% RH
Power Supply	DC 12V / AC 24V
Power Consumption	450mA (DC 12V) 350mA (AC 24V)
Dimensions (D x H)	145 x 100mm
Weight	1170g

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