

TECHNICAL DATA SHEET

VRD83TSPX

Pixim True Day/Night Ultra High Resolution WDR Vandal Dome Camera



KEY FEATURES

- 1/3" PIXIM Seawolf CMOS Sensor
- Ultra High Resolution, 690 TVL
- Vandal Resistant Housing
- 100mm Polycarbonate Bubble
- Mechanical IR Cut-Filter
- 3D Motion Adaptive Digital Noise Reduction
- Wide Dynamic Range (WDR)
- 2.8-10.5mm DC AI VF Lens
- O.S.D. Menu
- Selectable Gain Control
- Selectable White Balance
- Highlight Function
- Privacy Masking (12 Zones)
- Motion Detection
- Built in UTP
- 3-Axis Gimbal
- Improved 20mm Cable Entry & Rubber Seal
- Dual Voltage
- IP67 Rated

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TECHNICAL SPECIFICATION

Model Number	VRD83TSPX
Image Sensor	1/3" PIXIM Seawolf CMOS Sensor
Horizontal Resolution (Effective)	690 TVL (Colour), 800 TVL (Mono)
Signal Processing	17-bit Digital Signal Processing
Transfer Format	Progressive with Segmented Frames
Sensitivity (50 IRE @ F1.2)	0.1 Lux (Col), 0.01 Lux (Mono)
Lens	2.8-10.5mm DC AI Varifocal (F1.2)
Angle of View	H : 100.8?(Wide)~28.5?(Tele) / V : 73.7?(Wide)~21.4?(Tele)
Digital Zoom	4x Zoom
Effective Pixels (H x V)	758 x 540
Electronic Shutter Speed	1/50~1/100,000 Sec
Scanning System	2:1 Interlace
Synchronisation	INT/LL Selectable
Frequency	Horizontal: 15.625KHz Vertical: 50.00Hz
Video Output	1.0Vp-p~75?
S/N Ratio	>50dB (AGC Off)
Day / Night	Colour / Auto / B&W (ICR)
3D-DNR	OFF / LOW / MIDDLE / HIGH
Sens-Up	Auto / Off (Selectable limit x2 ~ x32)
WDR	LOW / MIDDLE / HIGH / USER
O.S.D.	Yes, Built-In
Gain Control	OFF / LOW / MIDDLE / HIGH
White Balance	ATW / AWB / INDOOR / OUTDOOR / MANUAL
Highlight Function	YES
Motion Detection	ON / OFF
Privacy Zones	On/Off (12 Programmable Zones)
Flip	Horizontal / Vertical
UTP	Yes
IR LEDs / Illumination Distance (850nm)	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
Power Consumption	360mA (DC 12V) 240mA (AC 24V)
Dimensions (D x H)	152 x 104.7mm
Weight	910g
*Illumination distance quoted above is based on optimal conditions	

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