



## Vandal Dome, TRUE Day/Night, High Resolution 700TVL with Digital-WDR

### KEY FEATURES AND BENEFITS

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| <ul style="list-style-type: none"> <li>• High performance 1/3" Sony EXview HAD CCD II Technology</li> <li>• Excellent picture quality with 700TVL color resolution (750TVL B/W)</li> <li>• Smart IR LED w/ selectable Smart IR Gain Control</li> <li>• 2.8 - 12mm A/I Varifocal Lens</li> <li>• IP66 rated weather resistant and vandal resistant dome housing with 3-axis gimbal</li> <li>• On-Screen Display (OSD) with Tactile programming switch</li> <li>• TRUE Day/Night with programmable settings</li> </ul> | <ul style="list-style-type: none"> <li>• Back Light Compensation (BLC) and High Light Compensation (HLC)</li> <li>• 2D Digital Noise Reduction (2D-DNR)</li> <li>• Digital Wide Dynamic Range (D-WDR), Mirror and Sharpness Functionality</li> <li>• Video Motion Detection (4 Areas) and 4 Position Privacy Masking</li> <li>• 12VDC / 24VAC</li> <li>• Test monitor output</li> <li>• Optional heater, wall, flush and pendant mounts available</li> </ul> |
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### ORDERING INFORMATION

SCN#	Item
LV72WI	Vandal Dome, 700TVL, TDN, D-WDR, 2.8-12mm AI, IR LED's, 12/24, Clear bubble



**Business Solutions**

# Vandal Dome, TRUE Day/Night, High Resolution 700TVL with Digital-WDR

## Product Specifications

### Video

CCD Image Sensor	1/3" SONY EXview HAD CCD II
Total Pixels	1020 (H) x 508 (V)
Scanning System	2:1 Interlace
Scanning Frequency	15.734KHz (H), 59.94Hz (V)
Sync. System	Internal
Electronic Shutter	1/50 ~ 1/10,000
Resolution	700TVL color; 750TVL B/W
Minimum Illumination	0.15 lux (color), 0 lux (B/W with IR LED On)
Video Output	1.0Vp-p (75-ohm, composite)
S/N Ratio	> 50dB (AGC off, Sense UP off)
OSD Camera Control	Tactile Switch
IR LED	30 Pcs, 850nm, 100ft (30M) distance

### Functions

D-WDR (Adaptive Tone Reproduction)	LUMINANCE(L/M/H), CONTRAST(L/LM/M/MH/H)
Backlight	OFF / BLC / HLC
Day & Night	AUTO
Smart IR	On / Off / Level
MD (Motion Detection)	On (4 areas) / Off Adjustable Size & Sensitivity
PM (Privacy Masking)	0 ~ 4 zone
WB (White Balance)	ATW / PUSH / USER1 / USER2 / ANTI CR / MANUAL / PUSH LOCK
AGC (Auto Gain Control)	On / Off
Exposure	Auto Iris / Auto Iris + Electronic Shutter
Brightness	0 ~ 255 steps
Contrast	0 ~ 255 steps
Sharpness	0 ~ 255 steps
HUE	0 ~ 255 steps
Gain	0 ~ 255 steps
2D-DNR (Digital Noise Reduction)	OFF / Y / C / Y, C
Mirror	ON / OFF

### Connectors / Mechanical

Power Input	2-pin Terminal Block / DC Jack
Composite Video Output	BNC
Lens Mount	Fixed
Lens	2.8-12mm, F1.2 Varifocal, DC Auto Iris

### Environmental

Operating Temperature	14°F ~ 122°F (-10°C ~ 50°C)
w/Optional Heater:	-22°F (-30°C)
Operating Humidity	0~96% (non-condensing)

### General

Dimensions (Diameter x H)	5.78 x 4.44in (146.3 x 113.7mm)
Weight	1.54 lbs (0.7kg)

### Power

Voltage	12VDC/24VAC
Power	2.0W (5.0W, IR LED On)
w/Optional Heater:	20W (24VAC)

### Approvals

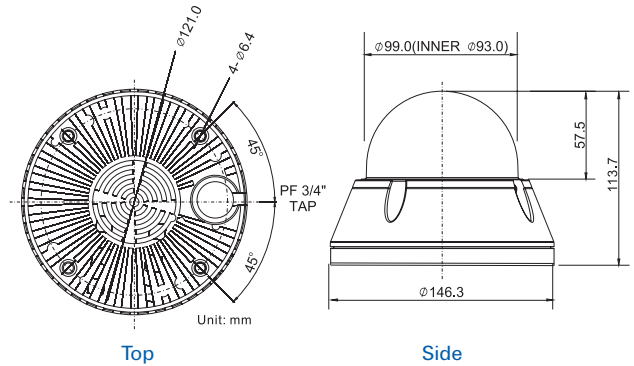
UL, FCC, CE, RoHS

Specifications are subject to change without notice.

### Optional Accessories

CV-FLUSHMT	Flush Mount
DB243W2	Wall Mount
HT202VF	Heater
VDMWC	Wall and Ceiling Mount
VDSMR	Surface Mount Ring
PDA5W	Pendant Mount
BTCV5	Tinted Bubble

### Dimensions



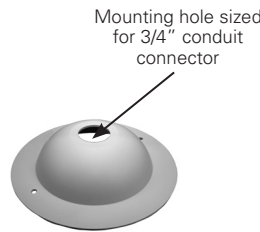
**BTCV5**  
Tinted Bubble



**CV-FLUSHMT**  
Flush Mount



**DB243W2**  
Wall Mount



**PDA5W**  
Pendant Mount



**VDMWC Wall Mount & VDMWC Ceiling Mount**



**VDSMR**  
Surface Mount Ring

For more information visit [www.ADT-Matrix.com](http://www.ADT-Matrix.com)

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