



(Black IR model and White non-IR model shown; opposite colors available)

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

### KEY FEATURES AND BENEFITS

- High performance 1/3" Sony Super HAD CCD Technology
- Excellent picture quality with 700TVL color resolution (750TVL B/W)
- Smart IR LED's w/ selectable Smart IR Gain Control (IR Models Only)
- 2.8 - 12mm A/I Varifocal Lens
- On Screen Display (OSD) with Tactile programming switch
- Back Light Compensation (BLC) and High Light Compensation (HLC)
- TRUE Day/Night (TDN) operation with programmable settings
- 2D Digital Noise Reduction (2D-DNR)
- Video Motion Detection (4 Areas) and 4 Position Privacy Masking
- Digital Wide Dynamic Range (D-WDR) and, Mirror and Sharpness functionality
- 12VDC / 24VAC
- Test monitor output
- Optional wall and pendant mounts available

### ORDERING INFORMATION

SCN#	Item
LD72W	Interior Dome, 700TVL, TDN, D-WDR, 2.8-12mm AI, 12/24, White Case
LD72B	Interior Dome, 700TVL, TDN, D-WDR, 2.8-12mm AI, 12/24, Black Case
LD72WI	Interior Dome, 700TVL, TDN, D-WDR, 2.8-12mm AI, IR LED's, 12/24, White Case
LD72BI	Interior Dome, 700TVL, TDN, D-WDR, 2.8-12mm AI, IR LED's, 12/24, Black Case



**Business Solutions**

# Interior Color 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	811 (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), 0.01 lux (B/W), 0.0 lux (B/W IR Model)
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 (IR Model)

### 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)
Operating Humidity	0~96% (non-condensing)

### General

Dimensions (Diameter x H)	5.63 x 4.49in (145.6 x 113mm)
Weight	0.88lbs (0.4kg)

### Power

Voltage	12VDC/24VA
Power	2.0W (5.0W, IR LED On)

### Approvals

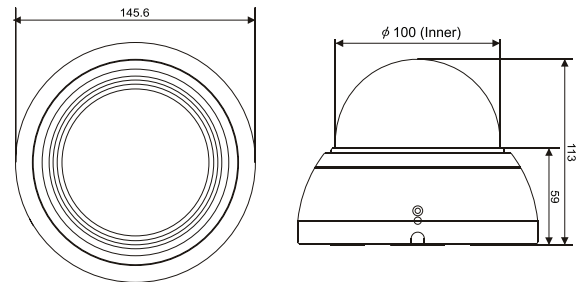
UL, FCC, CE, RoHS

Specifications are subject to change without notice.

### Optional Accessories

BTCD5	Tinted Bubble
CV-FLUSHMT	Flush Mount
DB243B	Wall Mount, Black
DB243W2	Wall Mount, White
PDA5B	Pendant Mount, Black
PDA5W	Pendant Mount, White
VDSMR	Surface Mount Ring

### Dimensions



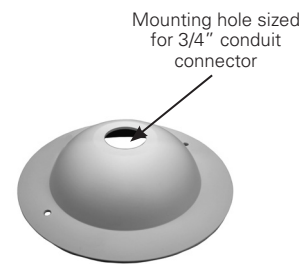
BTCD5  
Tinted Bubble



DB243W2  
Wall Mount, White



CV-FLUSHMT  
Flush Mount



PDA5W  
Pendant Mount, White



VDSMR  
Surface Mount Ring

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

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