



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

## Interior Color Dome, TRUE Day/Night, High Resolution 600TVL with Digital-WDR

### KEY FEATURES AND BENEFITS

- High performance 1/3" Sony Super HAD CCD Technology
- Excellent picture quality with 600TVL color resolution (700TVL 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 8 Position Privacy Masking
- Negative and mirror image, sharpness and lens shading functions
- Digital Wide Dynamic Range (D-WDR) and Dead Pixel Cancellation (DPC)
- Tough polycarbonate dome housing with 3-axis gimbal
- 12VDC / 24VAC
- Test monitor output
- Optional wall and pendant mounts available

### ORDERING INFORMATION

SCN#	Item
LD62W	Interior Dome, 600TVL, TDN, D-WDR, 2.8-12mm AI, 12/24, White Case
LD62B	Interior Dome, 600TVL, TDN, D-WDR, 2.8-12mm AI, 12/24, Black Case
LD62WI	Interior Dome, 600TVL, TDN, D-WDR, 2.8-12mm AI, IR LED's, 12/24, White Case
LD62BI	Interior Dome, 600TVL, TDN, D-WDR, 2.8-12mm AI, IR LED's, 12/24, Black Case

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## Product Specifications

### Video

CCD Image Sensor	1/3" SONY Super HAD CCD
Total Pixels	811 (H) x 507(V)
Scanning System	2:1 Interlace
Scanning Frequency	15.734KHz (H), 59.94Hz (V)
Sync. System	Internal / Line Lock / Anti-Rolling
Electronic Shutter	1/60 ~ 1/100,000
Resolution	600TVL color; 700TVL B/W
Minimum Illumination	0.1 lux (color), 0.03 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

2D-DNR	Off/On
Dead Pixel Cancellation (DPC)	Auto (64 Points)
Lens	Manual / DC
Back Light Compensation (BLC)	Off/BLC/HLC (High Light Compensation)
Auto Gain Control (AGC)	Off/Low/Middle/High
Burst	Off/On
IR Smart	Off/On
IR Smart Gain	0-255
White Balance (WB)	AWC/ATW/Manual/Push
Day / Night	Auto/Color/B&W/Ext
Video Motion Detection (VMD)	Off / On (4 Areas)
Privacy Masking	Off / On (8 Position)
Display Title	Off / On
Sharpness	0-31
Lens Shading	Off/On (0-255)
Font Color	16 color, ID & Title
Display	CRT/LCD/User
Negative Image	Off/On
Mirror	Off/On
Digital-WDR	Off/On (0-20)

### 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

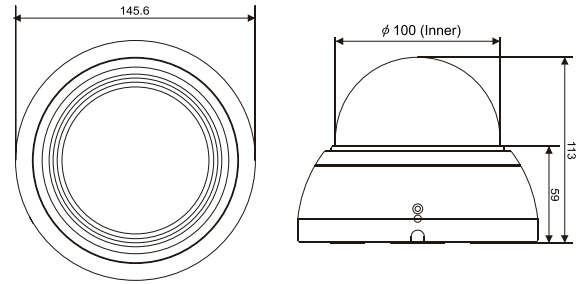
UL, FCC, CE, RoHS

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



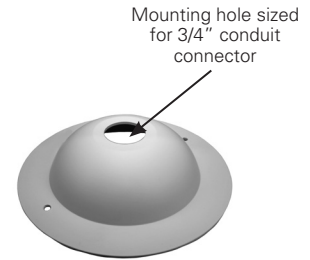
BTCD5



CV-FLUSHMT



DB243W2



PDA5W



VDSMR

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

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