

DTV-VLDINT/WDR



The DTV-VLDINT/WDR is our internal vari focal Wide Dynamic Range dome camera. The camera is fitted with a 2.8-11 mm vari focal lens and includes the Samsung SV4 chipset that offers an impressive 560TVL along with exceptional low light capability enabling outstanding image quality in the most testing of environments. The camera is equipped with a powerful 128x Wide Dynamic Range function that offers improved subject recognition in backlight making the camera ideal for monitoring doorways or areas with bright lighting. The design of dome enables full 3 axis movement for wall or ceiling mounting.

FEATURES:

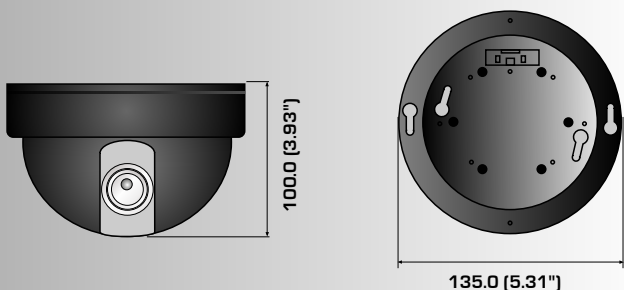
- High Resolution 560TV Lines
- 2.8 - 11mm Vari Focal auto iris lens
- Advanced 3D Filtering DNR (Digital Noise Reduction)
- Saving up to 70% DVR Storage
- Controlled by OSD Menu (Multi - Languages)
- DIS (Digital Image Stabiliser) Stabilises images by reducing flickering
- HLC (High Light Compensation)
- Sens-Up 0.0001 Lux (X2 ~ X512)
- Wide Dynamic Range (X128)
- Digital Zoom (X10)
- Privacy Masking and Motion Detection for up to 12 areas
- 3 axis bracket for wall mounting
- Bubble Cover Rotation achieves easy installation

DTV-VLDINT/WDR

ELECTRICAL	
Input Voltage	12V DC
Power Consumption	Max. 4.0W
VIDEO	
Imaging Device	Diagonal 6mm (1/3") Sony Highly Sensitive CCD
Total Pixels	795(H) x 596(V)
Effective Pixels	752(H) x 582(V)
Scanning System	2 : 1 Interlace
Synchronization	Internal / Line lock
Frequency	Horizontal: 15.625 KHz, Vertical: 50.00 Hz
Horizontal Resolution	Color : 560TV lines (Min.) / B/W : 600TV lines (Min.) 560TV lines (Min.)
Min. Illumination	Color : 0.3Lux (50 IRE@F1.2), 0.001Lux (Sens-up, 256X) B/W : 0.01Lux (50 IRE@F1.2)
S / N (Y signal)	52dB
Video Output	CVBS : 1.0Vp-p / 75
LENS	
Lens	2.8-11mm Vari Focal
Auto Iris	Direct Drive
Aperture Ratio	F1.2
Min. Object Distance	0.5m (1.64ft)
Angular Field of View	H : 25°, V : 19° / H : 82.5°, V : 67°
PAN / TILT / ROTATE	
Pan Range	0° ~ 360°
Tilt Range	20° ~ 90°
Rotate Range	0° ~ 360°
OPERATIONAL	
On Screen Display	Built-in (Multi-language support)
Camera Title	On / Off
Day & Night	Color/Black& White/Auto/EXT
Wide Dynamic Range	128X
Backlight Compensation	WDR / BLC / HLC / Off
Dynamic Range	52dB
Motion Detection	On / Off
Digital Image Stabilization	On / Off
Privacy Masking	On / Off (8 Programmable zones)
3D Noise Filter (SSNR II)	On / Off
Sens-up (Frame Integration)	Auto / Off (Selectable limit ~ 256X)
Gain Control	Low / High / Off
White Balance	ATW / AWC / Manual / Indoor / Outdoor
Electronic Shutter Speed	PAL : 1/50 Fixed / A.FLK
Flip	On / Off
Mirror	On / Off
ENVIRONMENTAL	
Operating Temperature/Humidity	-10°C ~ +50°C / 20% ~ 80% RH
Storage Temperature/Humidity	-20°C ~ +60°C / 20% ~ 95% RH

Dimensions

Unit: mm (inch)



Camera Info

Wide Dynamic Range (WDR) technology helps to get detailed information from the dark part of the image without saturation from the bright part. There is no limitation of zone area with the WDR function and the color image is crisper than when using traditional BLC functions. It combines two fields which are high shutter speed exposure in bright areas and low shutter speed exposure in dark areas into one composite image.



Normal



WDR