

DTV-VLDINT/VF/W5



The DTV-VLDINT/VF/W5 is our internal vari focal dome. The camera is fitted with a 2.8-11mm vari focal lens and includes the latest Samsung W5 chipset that offers a groundbreaking 600TVL along with exceptional low light capability enabling outstanding image quality in the most testing of environments. Some new features that are also included are coax control that allows the setting up of camera from a supported DVR and SDR which is an enhanced backlight function. The design of dome enables full 3 axis movement for wall or ceiling mounting.

FEATURES:

- High Resolution 600TV 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)
- Digital Zoom (X10)
- SDR (Super Dynamic Range)
- Privacy Masking and Motion Detection for up to 12 areas
- 3 axis bracket for wall mounting
- Bubble Cover Rotation achieves easy installation
- Coaxial Control (Protocol : Pelco Coaxitron)

DTV-VLDINT/W5

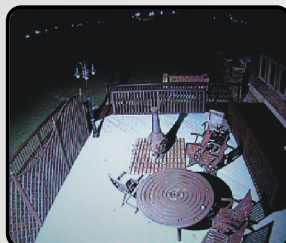
ELECTRICAL	
Input Voltage	12V DC
VIDEO	
Imaging Device	1/3" Super HAD CCD
Total Pixels	795(H) x 596(V)
Effective Pixels	752(H) x 582(V)
Scanning System	2 : 1 Interlace
Synchronization	Internal
Frequency	H : 15.625KHz / V : 50Hz
Horizontal Resolution	600TV lines
Min. Illumination	Color : 0.05Lux (50 IRE@F1.2), 0.0001Lux (Sens-up, 512X)
S / N (Y signal)	52dB (AGC Off)
Video Output	CVBS : 1.0 Vp-p / 75 composite
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	
Pan Range	0° ~ 360°
Tilt Range	20° ~ 90°
OPERATIONAL	
Privacy Masking	On / Off (12 Programmable zones)
Sens-up (Frame Integration)	Auto / Off (Selectable 2X ~ 512X)
Gain Control	Low / High / Off
White Balance	ATW / Outdoor / Indoor / Manual / AWC (1700K° ~ 11000K°)
Electronic Shutter Speed	1/50 ~ 1/120,000
Digital Zoom	On / Off (1X ~ 16X)
Sharpness	On / Off (Level adjustable)
Flip / Mirror	On / Off
Freeze	On / Off
Backlight Compensation	BLC / HLC / Off
Communication	Coaxial (Protocol : Pelco Coaxitron)
ENVIRONMENTAL	
Operating Temp / Humidity	-10°C ~ +50°C / 30% ~ 80% RH
Storage Temp / Humidity	-20°C ~ +60°C / 20% ~ 90% RH
MECHANICAL	
Dimension (WxH)	145 x 100mm

Camera Info

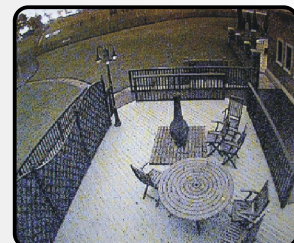
The below images were captured across an open area at midnight. The first image was captured using a standard colour camera with no day/night image enhancement, this gives you a good representation of what was visible via the human eye. The second image is taken from our DTV-VLD/PRO/W5 with a 500W Halogen lamp as you can see the light illuminates the centre and leaves the outer edges dark. The third image is also captured using our DTV-VLD/PRO/W5 but with no artificial light and the sens up feature enabled. The amazing thing here is the image was so dark the human eye could barely see the outline of objects, but with sens up enabled you can see an evenly illuminated image and in colour!



Standard Colour Camera



DTV-VLD/PRO/W5 & DTV-VLDINT/VF/W5 with artificial lighting (Sens up disabled)



DTV-VLD/PRO/W5 & DTV-VLDINT/VF/W5 No artificial light (Sens up enabled)