

Product Information

New state-of-the-art implementation of DSP technologies are optimized for the demands of 24/7 professional applications.

Built-in Dynamic Noise Reduction offers a great improvements to reduce the file size of DVR recording and high quality of image capturing capability. High performance CCD sensor is used with a new DSP chip to improve the resolution up to 530TVL at daytime and 570TVL at Nighttime. Sens-up is another specialty applied for this model to increase the sensitivity up to 0.0002lux/F1.2 with Super HAD CCD sensor. The image gives a perfect color in daytime and automatically changes into noiseless B/W image at nighttime making the picture quality the best and ever clear for low light circumstances. The unit supports user-friendly on-screen display (OSD) with an improved function controls and ease of operation. Camera identification can be set up to assign a name of camera with 15 alphanumeric characters.

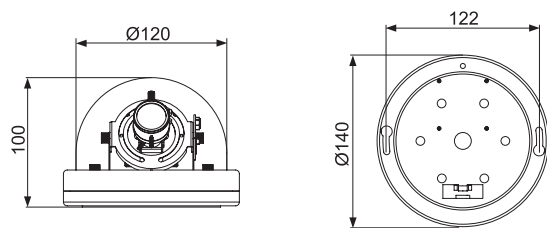
3-Axis structure combined with tilt down 90 degree surveillance provides a useful way of installation mountable to any place.



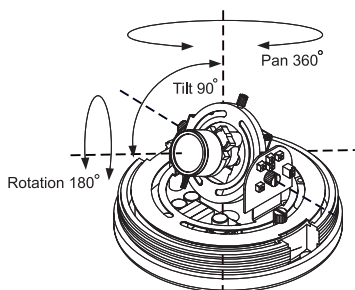
Key Features

- 1/3" DSP Color CCD sensor (Sony Super HAD)
- Dynamic Noise Reduction Technology
- Extremely high resolution 530TVL(Day) & 570TVL(Night)
- Auto IRIS (DC iris lens)
- Day & Night mode convertible by OSD
- Excellent sensitivity
- SENS-UP (0.3Lux~ 0.0002 Lux at 2x~128x Fields)
- Easy to use OSD (On Screen Display) menu
- 12VDC or 12VDC/24VAC Line Lock

Dimension



Perfect 3-Axis



MODEL	VDA120TH-12	VDA120TH-24
Power Source	12VDC	12VDC / 24VAC Dual Power
Operating Current	140mA(12V)	200mA(12V) / 110mA(24V)
Sensor	1/3" Super HAD CCD	
Total Pixels	NTSC : 811(H) x 508(V) PAL : 795(H) x 596(V)	
Effective Pixels	NTSC : 768(H) x 494(V) PAL : 752(H) x 582(V)	
Scanning System	NTSC : 525 Lines PAL : 625 Lines 2:1 Interlaced	
Synchronizing System	Internal	Internal/Line Lock
Frequency	NTSC - Horizontal : 15.743KHz Vertical : 59.94Hz PAL - Horizontal : 15.625KHz Vertical : 50Hz	
Resolution	530TVL(Day) / 570TVL(Night)	
S/N Ratio	50dB(AGC Off)	
Video Out	CVBS : 1.0Vp-p Composite. 75 Ohms	
Min. illumination	0.3Lux/F1.2, 0.0002Lux(Sens-up x 128 Max.)	
Electronic Shutter Speed	Auto / Manual NTSC : 1/60 ~ 1/100,000 sec. PAL : 1/60 ~ 1/100,000 sec.	
OSD	Built-in	
White Balance	ATW / AWC / Manual selectable (2,000°K ~20,000°K)	
BLC	Low, Middle, High, Off selectable	
AGC	Low, Middle, High, Off selectable	
DNR	Low, Middle, High, Off selectable	
Color	Auto(Day & Night)/On(Color only)	
SYNC	Internal	Internal / Line Lock selectable
Privacy	On / Off(4 Zone)	
Mirror	On / Off	
Sharpness	On / Off(Level Adjustable)	
Lens	4 ~ 9mm VF Auto DC Iris Lens	
Lens option	2.6 ~ 6mm VF Auto DC Iris Lens 9 ~ 22mm VF Auto DC Iris Lens 3.3~12mm VF Auto DC Iris Lens	
MTBF	80,000 hours	
Operating Temperature	14°F~122°F (-10°C ~ +50°C)	
Humidity	Within 90% RH	
Cable	4 Feet DIY cable with BNC-Fe for Video & DC-Ma or 2pin terminal for Power	
Dimension	140(Ø) x 100(H)	
Weight(Approx.)	670	