

DV120N

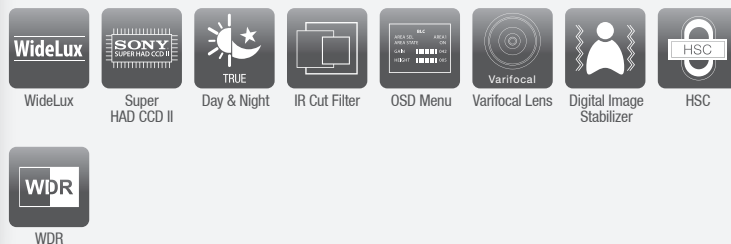
VIRTUE SERIES

ULTRA SLIM DOME CAMERA
WIDELUX, TRUE DAY & NIGHT



KEY FEATURES

- 1/3 inch Sony Super HAD II CCD
- WideLux
- Wide Dynamic Range
- 2D/3D Noise Reduction (2D/3DNR)
- True Day & Night
- Highlight Suppression Compensation (HSC)
- IR Cut Removeable [ICR]
- Digital Image Stabilizer [DIS]
- Motion Detection
- Non-polarity power input
- Min illumination 0.1lux ~ 0.0001lux
- 12VDC/24VAC



FEATURES IMAGES

WIDELUX

WideLux WDR provides special intelligent solutions and analyzes the exposure ratio and optimizes to reach a superior image quality.



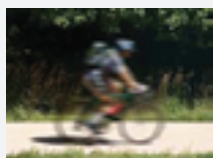
Conventional WDR



WideLux WDR

DIS (Digital Image Stabilizer)

This technology reduces motion blur by using pixel outside the border of the visible frame to provide a buffer for the motion. Increasing the exposure time without blurring the image makes the moving subject stabilized digitally.



Conventional



DIS

2D/3DNR (3D Noise Reduction)

2D/3DNR is another reference with WideLUX WDR Technology. Produces noiseless image with 2D/3D filtering Noise Reduction Technology so that user can save the volume of storage media and HDD capacity in DVR.



Normal Camera



3DNR Camera

TECHNICAL SPECIFICATIONS

Resolution	650TV Lines (Color) / 700TV Lines (B/W)
Image Sensor	1/3" SONY Super HAD II CCD
Scanning System	2:1 Interlace
Effective Pixel	NTSC: 768 (h) x 494 (v) PAL: 752 (h) x 582 (v)
Min. Illumination	0.1Lux~0.0001Lux (IR ON)
Electronic Shutter	NTSC: 1/60~100,000 sec. PAL: 1/50~1/100,000 sec.
Lens Type	3.3mm-12mm Varifocal Lens (Auto Iris)
S/N Ratio	≥50 dB (AGC Off)
Video Output	CVBS:1.0Vp-p/75Ω Composite
Gamma Correction	-
Frequency	Horizontal : (15.734KHz / Vertical : 59.94Hz NTSC), (15.625KHz / Vertical : 50.00Hz PAL)
Synchronization	Internal
IR LED No	No
IR Visibility Range	No
IR Cut Filter	Yes
Power Supply	12VDC / 24VAC Dual Power
Power Consumption	200mA at 12VDC, 90mA at 24VAC
Work Humidity	-20°C ~ +60°C / 20% ~ 90% RH
Operation Temperature	-10°C ~ +50°C / 30% ~ 80% RH
Dimension (Ø x h)	81mm x 180mm
Weight	700g

OSD MENU

Wide Dynamic Range [WDR]	Off /On [User selectable by OSD]
Highlight Supp.	Yes
Digital Noise Reduction [DNR]	Off /On [User selectable by OSD]
Digital Image Stabilizer [DIS]	Yes
Digital Slow Shutter [DSS]	Off / 2x ~ 512x
Gain Control	Standard: 6dB ~ 34dB, Auto / Maximum by OSD
Back Light Compensation [BLC]	Yes
White Balance	Auto ATW / Push Lock / User Selectable
Motion Detection	On / Off [8 Zone setting available]
Digital Zoom	Off, X1 ~ X6
Privacy Masking	Off / On [8 Zone setting available]