



WV300N

Weatherproof Camera | WideLux, Day & Night

VIRTUE

KEY FEATURES

- 1/3 inch Sony Super HAD II CCD
- WideLUX
- Wide Dynamic Range
- 2D/3D Noise Reduction (2D/3DNR)
- 600TV Lines (Color) / 650TV Lines (B/W)
- Day & Night
- Highlight Suppression Compensation (HSC)
- Digital Image Stabilizer [DIS]
- Motion Detection
- 4 - 9mm Varifocal lens
- IP67 Weatherproof
- Min illumination 0.1lux ~ 0.0001lux
- 12VDC



WideLux



Super HAD CCD II



Day & Nite



Varifocal Lens



Weatherproof



WDR



Digital Image Stabilizer



Digital Noise Reduction



OSD Menu



HSC

FEATURES IMAGES

WIDELUX

WideLux WDR provides a special intelligent solutions and analyze the exposure ratio and to optimize it into remarkable clear image quality.



Conventional WDR



WideLux WDR

DAY & NIGHT

It enables the camera to produce a very natural coloration at daytime and to greatly improve the sensitivity and resolution by converting the image to a colour signal removed B/W image at night.



Day



Night

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

DIS (Digital Image Stabilizer)

This technology reduces blurring associated with the motion of the subject 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

TECHNICAL SPECIFICATIONS

Resolution	600TV Lines (Color) , 650TV Lines (B/W)
Effective Pixel	NTSC: 768 (h) x 494 (v) PAL: 752 (h) x 582 (v)
Image Device	1/3" SONY Super HAD II CCD
Minimum Illumination	0.1lux ~0.0001lux
Electronic Shutter	NTSC: 1/60 - 1/100,000 sec PAL: 1/50 - 1/100,000 sec
Lens Type	4-9mm Varifocal lens
Synchronization	Internal
Scanning System	NTSC: 525 Lines PAL: 625 Lines 2:1 Interlaced
S/N Ratio	More than 50dB [AGC off]
Video Output	1 Vp-p, Composite 75Ω
IR Visibility Range	NO
IR LED	NO
IR Cut Filter	NO
Operating Temperature	14° to 122°F (-10° to 50°C)
Humidity	Within 90% RH
Power Supply	12VDC
Power Consumption	120mA
Dimensions	60mm (d) x 127.5mm (l)
Weight	Approx 930g

OSD MENU

Wide Dynamic Range [WDR]	Off / On [User selectable by OSD]
Highlight Supp. Compensation	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]