

WV550IR-50

VIRTUE SERIES

INFRA RED WEATHERPROOF CAMERA
WIDELUX, 50M



KEY FEATURES

- 1/3 inch Sony Super HAD II CCD
- WideLux
- Wide Dynamic Range
- 2D/3D Noise Reduction (2D/3DNR)
- 650TV Lines (Color) / 700TV Lines (B/W)
- True Day & Night
- Highlight Suppression Compensation (HSC)
- Digital Image Stabilizer [DIS]
- IR Cut Filter [IRC]
- Motion Detection
- Varifocal lens 5 - 50mm
- IP67 Weatherproof
- Min illumination 0lux - 50m [IR LED On]
- 12VDC



FEATURES IMAGES

WIDELUX

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



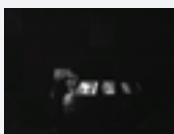
Conventional WDR



WideLux WDR

INFRARED ILLUMINATION

The camera is equipped with IR LEDs to capture clear image even in total darkness



LED OFF



LED ON

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



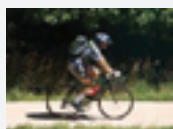
3DNR Camera

DIS (Digital Image Stabilizer)

This technology reduces 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

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	0Lux (IR ON)
Electronic Shutter	NTSC: 1/60~100,000 sec. PAL: 1/50~1/100,000 sec.
Lens Type	Varifocal Lens 5 - 50mm
S/N Ratio	50 dB (AGC Off)
Video Output	(15.625KHz / Vertical : 50.00Hz PAL)
Gamma Correction	0.45
Frequency	Horizontal : (15.734KHz / Vertical : 59.94Hz NTSC), (15.625KHz / Vertical : 50.00Hz PAL)
Synchronization	Internal
IR LED No	14nos
IR Visibility Range	50m
IR Cut Filter	Yes
Power Supply	12VDC, 12VDC/24VAC DUAL POWER
Power Consumption	520mA at 12VDC, 400mA at 24VAC
Humidity	Within 90% RH
Operation Temperature	-10°C ~ +50°C [14°F ~ 122°F]
Dimension (w x l x h)	97 mm x 90.5 mm x 256.8 mm
Weight	2,200g

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
Digital Zoom	2,000°K ~ 20,000°K Auto
Privacy Masking	Offx X1 ~ X6
	Off / On [8 Zone setting available]