



KEY FEATURES

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

WideLux



Conventional WDR

WideLux WDR

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

TRUE DAY & NIGHT

Image conversion for 24 hours clear view



True Day/Night switching

The image is converted to B/W mode from Color and the IR cut filter is automatically removed at 5 Lux darkness.



True Colour with a Blue filter / Precise focus with IR filter

This dual filter mechanism is uniquely designed to have a blue filter in daytime for a precise colour reproduction and to have an IR focus corrective filter at nighttime so that there is no focus shift when the IR lights are activated.

DIS (Digital Image Stabilizer)



Conventional

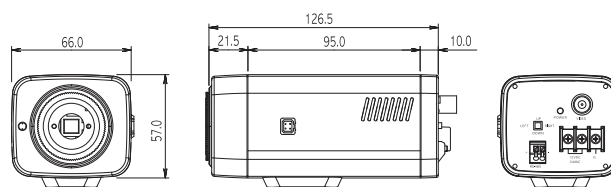
DIS

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.

TECHNICAL SPECIFICATIONS

virtue

RESOLUTION	600TVL (Day) 650TVL (Night)
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	C / CS Mount
SYNCHRONIZATION	Internal
SCANNING SYSTEM	NTSC: 525 Lines PAL: 625 Lines 2:1 Interlaced
S/N RATIO	More than 52dB (AGC Off)
VIDEO OUTPUT	1.0Vp-p Composite. 75 Ω
IR VISIBILITY RANGE	NO
IR LED	NO
IR CUT FILTER	YES
OPERATING TEMPERATURE	14°K ~ 122°F (-10°C ~ +50°C)
HUMIDITY	Within 90% RH
POWER SUPPLY	12VDC / 24VAC, 230ACV
POWER CONSUMPTION	200mA at 12VAC / 90mA at 24VAC / 20mA at 230VAC
DIMENSIONS	62mm(w) x 57mm(v) x 126.5mm(l)
WEIGHT	Approx 550g
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	2,000°K ~ 20,000°K 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]



2D/3DNR (3D Noise Reduction)



Normal Camera

3DNR Camera

2D/3DNR is another reference win 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.