



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 Filter [IRC]
- Digital Image Stabilizer [DIS]
- Motion Detection
- Non-polarity power input
- Min illumination 0.1lux ~ 0.0001lux
- 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.

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	600TV Lines (Day) 650TV Lines (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	0.01lux - 0.0001lux
ELECTRONIC SHUTTER	NTSC: 1/60 ~ 1/100,00 sec PAL: 1/50 ~ 1/100,00 sec
LENS TYPE	3.3mm-12mm 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	YES
OPERATING TEMPERATURE	14° to 122°F [-10° to +50°C]
HUMIDITY	Within 90% RH
POWER SUPPLY	12VDC / 24VAC Dual Power
POWER CONSUMPTION	200mA at 12VDC, 90mA at 24VAC
DIMENSIONS	81mm (h) x [Ø 180mm]
WEIGHT	Approx 950g
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]

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.