

SDNX-870AI-VD



Digital Noise Reduction

Reduces DVR disk space usage by up to 70%
Dramatically reduces both random and fixed noise



101,052 Bytes
100%



31,541 Bytes
30%

Super Low Lux

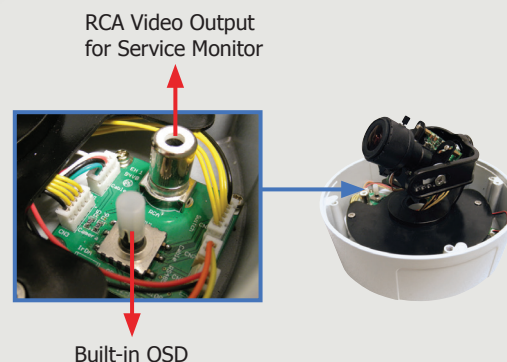
The Sens-up function strengthens the ability to achieve higher sensitivity for lighting in pitch-black situations



0.1 Lux



0.00039 Lux (Sens-up)



- 700 TV Lines
- 1/3" Sony Exview CCD II
- 2.8mm~12.0mm Auto Iris Lens
- **0.00039 (Sens-up, 256X) / 0.1 Lux (50 IRE @ F1.4)**
- **RCA Video Output for Service Monitor**
- RS485 Output for OSD Control
- 270mA
- Dual Power 12V DC / 24V AC
- IP66 Rating

Related Products

**DNR OSD
Box Camera
SDNR-8700**



**DNR OSD
IR Dome
SDNI36-870AI-VD**



** Replacing SDNX-863AI-VD
PAL Version Also Available



SPECIFICATIONS

FC CE RoHS Made in Taiwan

Model	SDNX-870AI-VD
Signal Format	NTSC
Image Sensor	1/3" Sony Exview HAD CCD II
DSP	NVP2190 / High End ASIC Solution
Total Pixels	1028(H) x 508(V)
Synchroizing System	Internal / Line Lock
Resolution	700 TV Lines
Scanning System	2:1 Interlace
Minimum Illumination	0.00039 (Sens-up, 256X) ; 0.1 Lux (50 IRE @ F1.4)
S/N Ratio	More than 50db (AGC OFF)
Digital Noise Reduction	3 DNR
Day & Night	Auto / B/W / Color
Digital Zoom	ON / OFF (0~32x)
Auto Gain Control	Low / Middle / High / OFF
White Balance	AWB / AWC-SET / MANUAL / ATW
Back Light Compensation	BLC / HSBLC / OFF / DWDR
Picture Adjust	Sharpness / Monitor / Lens shading / Defect
Electronic Shutter	Auto 1/60~ 1/100000 sec /FLK X2~X256
Video Output	1.0 Vp-p / 75 ohm composite (BNC)
Camera Title	ON / OFF
Sens-Up	ON / OFF (Selectable limit ~ 256X)
Picture Effect	Freeze / Mirror / flip / 180° rotate / D-zoom / Smart D-zoom / Neg. image / DCS
OSD Control	Button / RS485 Control keyboard / Communication Pelco D,P
OSD Language	ENGLISH, CHINESE, JAPANESE, up to 16 countries
Mechanical IR Cut Filter (ICR)	Auto / Day / Night
Lens	2.8mm~11.0mm Auto Iris (ICR) ; 2 MP
IP Rating	IP66 Rating
Power Source	12V DC / 24V AC ± 10% / 1A
Power Consumption & Current	2.5W ; 270mA (Max)
Operating & Storage Temp.	14°F ~ 122°F / -10°C ~ 50°C ; -4°F ~ 158°F / -20°C ~ 70°C
Dimension & Weight	5.71(Ø) x 4.51(H) inches / 145(Ø) x 114.5(H) mm ; 2.13 lbs / 966 g

*Specifications and appearance are subject to change without notice

DIMENSIONS

