





**SDNR-8630 SDNR-8630P** 



### **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



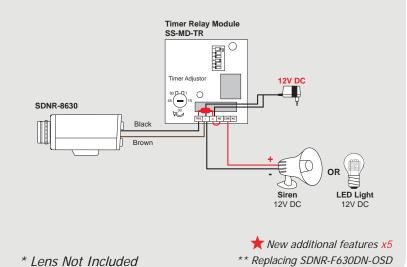


0.00039 Lux (Sens-up)

- 1/3" Sony Super HAD CCD II
- 630 TV Lines
- Digital Noise Reduction (DNR)
- 0.00039 (Sens-up, 256X) 0.1 Lux (50 IRE @ F1.4)
- Mechanical IR Cut Filter (ICR) ★



- Built-in Microphone RCA Output 🛊
- On-Screen Display (OSD)
- RS485 Output for OSD Control
- Alarm Output: Black/Brown
- Dual Power 12V DC / 24V AC



P = PAL Version

# **Day & Night OSD Camera**



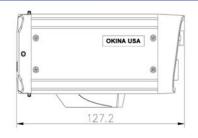
## **SPECIFICATIONS**

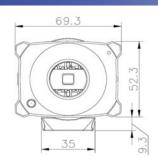
**F**© **C**€ **RoHS** Made in Taiwan

Model	SDNR-8630	SDNR-8630P
Signal Format	NTSC	PAL
Image Sensor	1/3" Sony Super HAD CCD II	
DSP	NVP2170 DN High End ASIC Solution	
Total Pixels	811(H) x 508(V)	795(H) x 596(V)
Synchroizing System	Internal / Line Lock	
Resolution	630 TV Lines	
Scanning System	2:1 Interlace	
Minimum Illumination	0.1 Lux (50 IRE @ F1.4) , 0.00039 (Sens-up, 256X)	
S/N Ratio	More than 50db (AGC OFF)	
WDR Function	Indoor / Outdoor / OFF	
Digital Noise Reduction	3 DNR; ON / OFF(0~100)	
Day & Night	Auto / B/W / Color / EXT	
Digital Zoom	ON / OFF (0~32x)	
Auto Gain Control	Low / Middle / High / OFF	
White Balance	AWB / AWC-SET / MANUAL / INDOOR / OUTDOR / ATW	
Back Light Compensation	BLC / HSBLC / OFF	
Picture Adjust	Sharpness / CB_Gain / CR_Gain (level adjustable)	
Electronic Shutter	Auto 1/60 ~ 1/100,000 sec / Flk X2~X256	Auto 1/50 ~ 1/100,000 sec / Flk X2~X256
Video Output	1.0 Vp-p / 75 ohm composite (BNC)	
Audio Output	RCA	
Camera Title	ON / OFF	
Sens-Up	ON / OFF (Selectable limit ~ 256X)	
Picture Effect	Freeze / Mirror / flip / 180° rotate / D-zoom / Gamma / Neg. image	
Alarm Relay Out	NO + COM	
OSD Control	Button / Remote controller / RS485 Control keyboard	
OSD Language	ENGLISH, CHINESE, JAPANESE	
Mechanical IR Cut Filter (ICR)	Auto / Day / Night	
Lens Type	C/CS, DC/Video Lens not included	
Power Source	12V DC / 24V AC ± 10% / 1A	
Power Consumption & Current	2.5W ; 230mA (Max)	
Operating & Storage Temp.	14°F ~ 122°F / -10°C ~ 50°C ; -4°F ~ 158°F / -20°C ~ 70°C	
Dimension & Weight	127.2(W) x 52.3(H) x 69.3(D) mm ; 0.79 lbs / 360 g	

## **DIMENSIONS**

\*Specifications and appearance are subject to change without notice

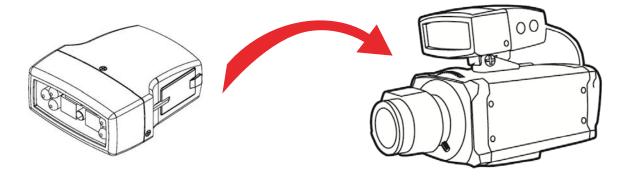








#### SDNR-81R



- Total 14pcs IR LED: 4pcs Reflection & 10pcs 5Ø
- Parabolic reflected IR LEDs allow for even illumination of a shot on near and far objects
- Built-in Photodiode: Cadmium Sulfide (CdS) cells within the External IR controls the
  Mechanical IR Cut Filter (ICR) that's in the SDNR-8630 camera, allowing it to detect light. So
  when the CdS cells detect low light, the External IR is triggered and activates the camera's ICR
  to work simultaneously for best day and night images.
- External IR can be mounted above or below the camera and can be aimed high or low in the field of vision
- IR distance up to 100ft / 30m
- Can be used in different distance ranges and adjusts the IR high/low
- Light sensor trigger is adjustable for a range of lighting conditions
- Start delay can be set at different times

\*\* This External IR is an optional feature for OKINA USA's DNR Box Camera, SDNR-8630