



# XN80S-H8

## STD RESOLUTION IR LED NIGHTVIEW CAMERA



### SPECIFICATIONS

IMAGE SENSOR	1/3" SONY SUPER HAD High Resolution (270K Pixels.)
H. RESOLUTION/SCANNING SYSTEM	NTSC/PAL - 420TVL 10Bit (2:1 Interlaced) NTSC(525TVL) : 512 x 492, PAL(625TVL) : 500 x 582
MIN. ILLUMINATION	0.1Lux (IR LED Off)
SCANNING FREQUENCY	Horizontal:15,734Hz, Vertical:59.94Hz
VIDEO OUTPUT LEVEL	1.0Vp-p (75ohms, Composite)
S/N RATIO	More than 48dB (AGC Off)
GAMMA	r = 0.45 or More
WHITE BALANCE	2,100°K - 9100°K - Auto
GAIN CONTROL	4dB - 32dB - Auto
IR LED CAPABILITY	Visible 5mm, 100mA Diameter (850nm, 20°) x 56ea Exchanged Angle of IR LD by Lens Angle of View
VISIBILITY RANGE	Real 40 Meter ( Approx. 120 Feet )
CDS CONTROL	IR Cut Filtered CDS Controlled IR LED On/Off at 10 Lux
COLOR/BW CONTROL	True Color at Day time & True B/W at Night time DIET™ - Digital 10 Bit Image-Enhanced Technology for 420TV Lines
OPERATING TEMPERATURE (HUMIDITY)	- 20 °C - +60 °C (10% - 95% RH, IP Rating=67)
LENS	STD Lens : f = 8.0mm IR Lens (AOV : 54°) 3.6mm / 4.3mm / 6mm / 12mm / 16mm
MTTF (AVERAGE LIFE)	80,000 Hour or More
POWER SOURCE	Max. 690mA /1Amp Regulated preferred (Normal) DC12V (Tolerance : 8V ~ 28V) / AC 24V (Tolerance : 18V ~ 35V)
DIMENSIONS (WXHXD/MM)	128.0 x 90.0 x 95.0 (w/Sunshield)
NET WEIGHT	810g (w/Sunshield) - 28.57oz

### FEATURES

- World Best 100mA Visible 850nm IR LED x 56ea Built-in ( Visibility Range : Real 40M ( Approx. 120Feet )
- 1/3" SONY SUPER HAD 420TVL High Resolution Image Sensor Built-in (Min Illumination : 0.1Lux (LED OFF))
- Color at Day Time and B/W at Night time controlled by CDS Sensor without noise
- Dynamic IR LED ON/OFF controlled by Digitalized CDS Sensor - No missed malfunctions at dawn, dusk or any twilight time
- IR Exclusive high quality 8mm lens built-in for anti focus shift (F1.4)
- DIET™ - Digital 10 Bit Image-Enhanced Technology for High picture quality 500TV Lines
- DAIL™ - Dual Anti-IR LED reflection Front Cover Glass
- Prefect interception from IR LED reflection & 100% isolation of Camera Lens from IR LED diffused reflection
- BBAR(Broad Band Anti-Reflection) Coated Front Cover Glass for Perfect Permeation of IR LED
- IR LED CUT Coated CDS Sensor Built-in - Sensoring all of spectrum precisely and automatically
- IR LED Temperature Feed back Circuit - Advanced IR LED Protection through control Electronic Current.
- Reverse Polarity Power Protection Circuit Built-in and extremely Low Power Consumption

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