



XN90SH-HVFA

IR LED NIGHTVIEW CAMERA



SPECIFICATIONS

IMAGE SENSOR	1/3" SONY SUPER HAD High Resolution (410K Pixels.)
H. RESOLUTION/SCANNING SYSTEM	NTSC/PAL - 500TVL (2:1 Interlaced) NTSC(525TVL) : 768 x 494, PAL(625TVL) : 752 x 582
MIN. ILLUMINATION	0.05Lux (IR LED Off)
SCANNING FREQUENCY	Horizontal:15,734Hz, Vertical:59.94Hz
VIDEO OUTPUT LEVEL	1.0Vp-p (75ohms, Composite)
S/N RATIO	More than 50dB (AGC Off)
GAMMA	r = 0.45 or More
WHITE BALANCE	2,100°K - 9500°K - Auto Tracing White Balance
GAIN CONTROL	4dB - 35dB - Auto
IR LED CAPABILITY	STD : 100mA Visible 5mm Dia. (850nm, 30°) x 70ea Option : 100mA Visible 5mm Diameter (850nm, 20°) x 70ea
VISIBILITY RANGE	Real 60 Meter (Approx. 180 Feet)
CDS CONTROL	IR LED On/Off at 5~10 Lux
COLOR/BW CONTROL	True Color at Day time & True B/W at Night time DIET™ - Digital 10 Bit Image-Enhanced Technology for 500TV Lines
OPERATING TEMPERATURE(HUMIDITY)	- 20°C - +60°C (10% - 95% RH, IP Rating=67)
LENS	STD : 4-9mm Varifocal Auto DC IRIS Lens (AOV:92.6°~39.4°) Option : 3.5-8.0mm(F1.2) / 9-22mm Varifocal Lens
MTTF (AVERAGE LIFE)	80,000 Hour or More
POWER SOURCE	Max. 660mA / 1Amp Regulated preferred (Normal) DC12V (Tolerance : 8V ~ 35V) / AC 24V (Tolerance : 18V ~ 40V)
DIMENSIONS (WXHXD/MM)	100.0 x 90.0 x 144.0 (w/Sunshield)
NET WEIGHT	1.33Kg (w/Sunshield, Camera Only) - 46.91oz

FEATURES

- World Best 100mA Visible 850nm IR LED x 70ea Built-in (Visibility Range : Real 60M (Approx. 180Feet))
- 1/3" SONY SUPER HAD 500TVL High Resolution Image Sensor Built-in (Min Illumination : 0.05Lux (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
- DIET™ - Digital 10 Bit Image-Enhanced Technology for High picture quality 500TV Lines
- EX-TURN™ - External Adjustment 4-9mm(AOV:92.6°~39.4°) Varifocal Lens on the back side of Camera with Weatherpoof(IP=67)
- Tele-Wide(Horizontal Angle), Near-Far(Distance Zoom), IRIS Level Controller (IRIS VR) by screw implements(Included in Package).
- 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(PhotoDiode) Sensored - Sensoring all of spectrum precisely and automatically.

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