

Engine CAMERA

1/3 inch HIGH SENSITIVE SHARP Day & night IR LED CAMERA



ENG -3304W

● KEY FEATURES

- World finest Visible 850nm IR LED x 105ea Built-in
(World longest visibility Range : Real 50M (Approx. 150feet))
- 1/3" SHARP High Sensitive 380TVL High Performance image Sensor Built-in
(Min Illumination : 0.056lux(LED OFF))
- Color at Day time and B/W at Night time controlled by CDS Sensor without Random noise
- Dynamic IR LED ON/OFF controlled by Digitalized CDS Sensor
- No malfunctions at dawn, dusk or any twilight time
- Stable Electric current supply controlled by digitalized mechanism
- ILCG™ - IR LED Contrast filtered-Front Cover Glass
- No Fluorescent material, No dye Glass For long Range IR LED Light distance without any interference.
- 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.
- Accidental Surge from air and Shock Protector Built-in for stable application.
- Reverse Polarity Power Protection Circuit Built-in and extremely Low Power Consumption
- Robust Vandalproof & Weatherproof (IP=67), Tamperproof & Rustproof Aluminum Casing for Outdoor.
- Extremely High Electronic Voltage Tolerance level – Min.8V ~ Max.20V for high performance
- Easy First-Aid mechanism – All of parts exchangeable easily by User (Including IR LED Board)



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SPECIFICATION

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Image Sensor	1/3" SHARP IR filtered super Sensitive
H. Resolution/ Scanning System	NTSC/PAL – 380TVL(2:1 Interlaced)
	NTSC(525TVL) : 512x492, PAL(625TVL) : 500x582
Min. Illumination	0.056Lux (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 - 9200°K - Auto
Gain Control	4dB – 32dB - Auto
IR LED Capability	Visible 5mm Diameter (850nm, 30°)x56ea
	Dyanamic IR LED On/Off
Visibility Range	Real 50 Meter (Approx. 180 Feet)
CDS Sensor	Digital MICOM IC Controlled IR LED On/Off at 5 Lux
Color / BW Control	Color at Day time & B/W at Night time
	Digital MICOM IC Controlled Color Signal Changeable.
Operating Temperature (Humidity)	- 10°C - +60°C (10% - 95% RH)
Lens	STD Lens : f = 6.0mm IR Lens (AOV : 68°)
	3.6mm / 4.3mm / 8mm / 12mm / 16mm
MTTF	80,000 Hour (Easy Changeable IR LED 80,000 Hour)
Power Source	DC12V 1.5A Regulated (Normal)
	DC8V -20V (Input Power:Max.720mA)
Dimensions (WxHxD/mm)	110 x 100 x 71(w/Sunshield)
Net Weight	680g (w/Sunshield)

