

# Engine CAMERA

240feet(80M) Nightview Digitalized  
IR LED Weatherproof CAMERA



ENG -5004WT

## KEY FEATURES

- **World greatest Visible 850nm IR LED x 105ea Built-in**  
(World longest visibility Range : Real 80M (Approx. 240feet))
- **1/3" SONY SUPER HAD 380TVL image Sensor Built-in**  
(Min Illumination : 0.1lux(LED OFF))
- **TMIC™ – Triple Micom (Digital Micro Processor) IC Control System Built-in**
  - True color at day Time and True B/W at night time controlled by Digital TMIC™
  - Accurate IR LED ON/OFF controlled by Digital TMIC™
  - Stable Electric current supply for IR LED controlled by Digital TMIC™
- **ZLCG™ - IR LED Light Enhanced Front Cover Glass( World First Coated Polycarbonate Front Cover)**
- **Digitalized CDS Sensor Built-in – Sensoring all of Spectrum precisely and changing Digital Signal automatically.**
- **IR LED Temperature Feed back Circuit – Advanced IR LED Protection.**
- **Accidental Surge and Shock Protector Built-in.**
- **Reverse Polarity Power Protection Circuit Built-in**
- **Robust Vandalproof & Weatherproof (IP=67), Tamperproof & Rustproof Aluminum Casing for Outdoor.**
- **Easy First-Aid mechanism – All of parts exchangeable easily by user (Including IR LED Board)**



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## SPECIFICATION

ENG – 5004WT	
Image Sensor	1/3" SONY SUPER HAD (270K Pixels.)
H. Resolution/ Scanning System	NTSC/PAL – 380TVL(2:1 Interlaced)
	NTSC(525TVL) : 512x492, PAL(625TVL) : 500x582
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 50dB(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 Diameter (850nm, 20°)x105ea
	Visible 5mm Diameter (850nm, 30°)x105ea
Visibility Range	World longest 80Meter(Approx. 240Feet.)
CDS Sensor	TMIC™ Controlled IR LED On/Off at 3Lux
Color / BW Control	True Color at Day time & True B/W at Night time
	TMIC™ Controlled Color Signal Changeable.
Operating Temperature (Humidity)	- 20°C - +60°C (10% - 95% RH)
Lens	STD Lens : f = 6.0mm IR Lens (AOV : 74°)
	3.6mm / 4.3mm / 8mm / 12mm / 16mm
MTTF	20,000 Hour (Easy Changeable IR LED 20,000 Hour)
Power Source	DC12V 1A Regulated (Normal)
	DC8V -20V TMIC™ controlled (Input Power 600mA)
Dimensions (WxHxD/mm)	110 x 100 x 71 (w/Sunshield)
Net Weight	720g (w/Sunshield)

