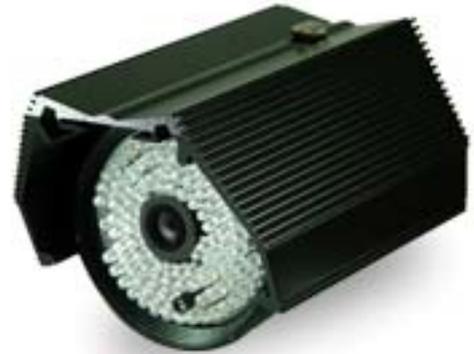


Engine CAMERA

100mA Powerful Visible
IR LED 850nm Wide -200FTS.(70m)



EEV-8004WT

KEY FEATURES

- World first Powerful 10mm Visible 850nm IR LED x 105ea Built-in (Visibility Range : Real 70M(Approx.200Feet))
- 1/3" SONY SUPER HAD Image Sensor & 540TVL New DSP(SS-HQ1™)Built-in (Min illumination:0.1 Lux (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™ - No color Signal Night!!
 - Accurate IR LED ON/OFF controlled by Digital TMIC™-No ghost effects or malfunctions at dawn, dusk or Any twilight time.
 - Stable Electric current supply for IR LED controlled by Digital TMIC™ - It makes longer3 time or IR LED's life
- ILCG™ - IR LED Contrast filtered –Front cover Glass (Manufactured by SCHOTT AG, Germany)
 - No Fluorescent Material, No dye Glass for long Range IR LED Light distance without any interference.
- IR LED CUT Coated Photo diode Sensor Built-in (RoHs passed)-Sensing all of spectrum automatically.
- IR LED Temperature Feed back Circuit – Advanced IR LED Protection through control Electronic Current.
- Accidental Surge form 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.19V for High performance
- Easy First-Aid mechanism- All of parts exchangeable easily by user (Including IR LED Board)



Engine CAMERA

SPECIFICATION

EEV – 8004WT		
Image Sensor Format	1/3" SONY SUPER HAD™	
Min. Illumination	0.1Lux at F1.6 (IR LED Exclusive Lens)	
Effective Pixels	NTSC(525TVL) : 512 x 492, PAL(625TVL) : 500 x 582	
H. Resolution	540TVL (New SONY SS-HQ1 Digital Signal Processor Built-in)	
Scanning Frequency	Horizontal:15,734Hz, Vertical:59,94Hz	
Synchronizing system	Internal	
Scanning system	2:1 Interlaced	
Video output Level	1.0Vp-p (75ohms, Composite)	
S/N Ratio	More than 52dB(AGC Off)	
Electronic Shutter Speed	1/50, 1/60 ~ 1/100,000 sec. (PAL /NTSC)	
Smear effect	0.005%	
Gamma correction	$r = 0.45$ or More	
White Balance	2, 800°K – 9,200°K - Auto	
Gain Control	4dB – 32dB - Auto	
IR LED Capability	True D & N	True color at Day time/True B/W at night time by Photo Diode (Rohs Regulation passed)
	Spectrum/No.	Powerful 100mA Visible IR LED(850nm, 20°/30°) x105ea 100mA Power IR LED per channel
	Visibility Range	70Meter / 200feet(Under 0 Lux / Outdoor)
Lens	8mm IR LED Exclusive (AOV : 48°)	
	Option : 6mm, 12mm, 16mm IR LED Exclusive Lens	
MTBF	20,000 hours	
Power Source	DC12V Only / AC 24V Only Power (Option)	
Operating current	Max. 1,450mA Power Consumption / 1.5Amp(3Amp) Power Transform Preferred	
Measurement	103mm(H) x 132mm(L)	
Weight (Approx.g)	1.68Kg per complete package (including Concealed Bracket)	
Optional Features	IR Sensitive	DAY & NIGHT Function Available (Color at Day Time, B/W at Night Time)
	Audio	External Audio with a flexible length of audio cable

