

Vandal Proof Color-Day / B/W-Night IR Camera

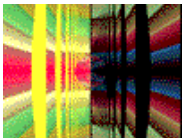
ENG-3212W



FEATURES AND CHARACTERISTICS



Built with 1/4" SHARP High Sensitivity 380TVL High Performance Image Sensor with minimum illumination of 0.5Lux (LED OFF).



Color at Day while B/W at Night controlled by Digitalized CDS Sensor without noise.



The "Plug & Play" design makes it convenient for termination work, ease of installation and maintenance.



The dynamic IR LED ON/OFF controlled by Digitalized CDS Sensor with no missed malfunctions at dawn, dusk or any twilight time achieving color at Day while B/W at Night without noise.



Possessing extremely high electronic voltage tolerance level of Min.8V ~ Max.19V for high performance with reverse polarity power protection circuit built-in while handling extremely low power consumption.

Accidental Surge from air and Shock Protector Built-in for stable application.

Stable Electric current supply controlled by Digitalized mechanism



Robust Vandal-proof and Weatherproof (IP=67), Tamperproof and Rustproof Aluminum casing for outdoor mounting.

SPECIFICATION

	ENG-3212W
Image Sensor	1/4" SHARP High Sensitivity Color CCD
Horizontal Resolution	380TVL (2:1 Interlaced)
Scanning System	PAL (625TVL) : 500 x 582
Minimum Illumination	0.5Lux /F1.6 (IR LED Off)
Scanning Frequency	Horizontal: 15,625Hz (PAL)
Video Output Level	1.0Vp-p (75ohms, Composite)
S/N Ratio	More than 48dB
Gamma	$r = 0.45$
White Balance	2,100°K - 9100°K – Auto
Gain Control	4dB – 32dB – Auto
IR Led Capability	100mA Visible 10mm Diameter (850nm) x 12 each
	Each Channel – 100mA Max.
Visibility Range	Real 10 meter or more (Approx. 30 Feet)
CDS Sensor	IR CUT Coated CDS Sensor control IR LED On/Off at 4-10Lux
	Dynamic IR LED Turn On & Off Automatically
Color / B/W Control	Color at Day & B&W at Night automatically
Operating Temperature (Humidity)	-20°C - +60°C (10% - 95% RH)
Lens	STD Lens: $f = 3.6\text{mm}$ IR Lens (AOV: 92° Max)
	4.3mm / 6mm / 8mm / 12mm
MTTF	20,000 Hours (Changeable IR LED 20,000 Hours)
Power Source	DC12V 260mA Regulated (Normal)
	DC8V – 22V – High Tolerance
Dimensions (W x H x D)	82.0 x 76.0 x 71.0mm (w/Sunshield)
Net Weight	210g (w/Sunshield)

NOTES

Cable Type	60cm (2 feet) BNC – Fe @ Power Cable (STD)
Power Supply Requirement	DC12V 500mA Regulated
Accessories	Sunshield Hood, All Direction Bracket

Compliant to **IP67**