

Engine CAMERA

Max. 300Feet Digitalized
IR LED Illuminator



EPL -2160D / 3160D

KEY FEATURES

- World First 10mA Visible 850nm IR LED x 160ea Built-in (20 degree – Visible Range: Real 100M (Approx. 300f) / 30 degree-Visibility Range: Real 80M(Approx. 240ft)
- Dynamic IR LED On/OFF controlled by Digitalized CDS Sensor
- Stable Electric current supply controlled by Digitalized mechanism
- ILCG™ - IR LED Contrast filtered-Front Cover Glass (Manufacture by SCHOTT AG, Germany)
- No Fluorescent material, No dye Glass For long Range IR LED Light distance without any interference.
- IR LED CUT Filtered 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 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.
- 12V DC/ 24V AC Dual power Automatic changing system (Non-polarity power connection)
- 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)
- Simultaneous effective operating with normal Day & Night Box camera (ex. D&N Cable Connection equipped model)



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SPECIFICATION

EPL-2160D / 3160D			
IR LED Illumination Degree (1PC)	EPL-2160D : visible IR LED 850nm, 20°		
	EPL-3160D : visible IR LED 850nm, 30°		
No. of IR LED Channel	32 Channel		
Operating Current	100mA MAX. per each channel		
	3 Amp maximum (Including all)		
Visibility Range	EPL-2160D	Projection angle	33° Optimized
		Distance	100m(300ft) Optimized
	EPL-3160D	Projection angle	55° Optimized
		Distance	80m(240ft) Optimized
CDS Sensor	Digital MICOM IC Controlled IR LED On/Off at 5 Lux IR CUT Filtered/Coated Glass CDS Cap Built-in Aluminum Anti-Heating Treatment for cap Simultaneous Operating with Day & Night Camera (Option)		
SHOTT Glass thickness	IR LED Filtered Front Glass 3mm Thickness		
Operating Temperature	- 20°C - +60°C (10% - 95% RH)		
	IP Rating = 67 (Perfect weatherproof)		
Maintenance	MTTF	20,000 hour (Average OP Time)	
	MTBF	10,000 hour	
Power Source	DC 12V / 24v AC Dual power available (STD)		
	Power input	DC 12V 3 Amp Adapter (Transformer)	
	Power Tolerance	DC Power Input : DC 12V (10%)	
AC Power Input : AC 24V (10%)			
Dimensions (WxHxD/mm)	82.0 x 78.0 x 71.0 (w / Sunshield)		
Net Weight	650g (w / Sunshield)		

