



Small PoE

Infra-Red LED Illuminator

The GJD range of high performance Infra-Red LED illuminators are designed to provide class leading performance, long life and ultra low maintenance.

Incorporating the latest surface mount Dual Core® LED's with enhanced optical output and outstanding reliability, they deliver excellent night-time images.

Each unit is fitted with integrated control circuitry to carefully control LED output, delivering consistent illumination and projected working life in excess of 10 years.

GJD illuminators include a new interchangeable lens diffuser system; which allows the user to quickly and easily alter the angle of illumination. Elliptical beam profiles allow more light to be delivered where it is needed, allowing both longer distances and minimising light wastage. The system also helps to prevent overexposure of foreground objects.

As standard the illuminator includes interchangeable lensing to deliver 10° circular, 30°, 60°, and 95° elliptical beam profiles.

FEATURES

IR illuminator designed to provide dedicated lighting for IP cameras via PoE (Power Over Ethernet)

IEEE802af Compliant

Latest Dual Core® SMT LED technology

Distances up to 101m (332')

Angle 10°, 30°, 60°, & 95°

Elliptical beam profiles

850nm or 940nm wavelengths

Long life

5 year warranty

IP66 weather proof rating

Built-in photocell IR On/Off

Photocell following contact

Telemetry input for camera day/night remote switching

12-32V DC / 24V AC +/-10%

CleanLITE® Self cleaning lens coating technology

High quality anodised aluminium heatsink

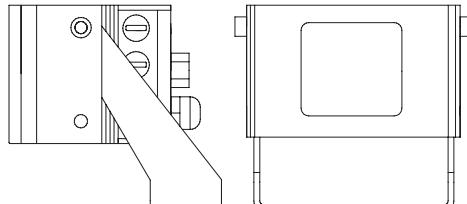
Pressure equalisation vent

PRODUCT CODES

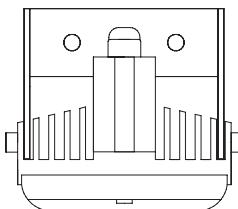
IS-8-P Small PoE Infra-Red Illuminator 850nm

IS-9-P Small PoE Infra-Red Illuminator 940nm

SPECIFICATIONS



PRODUCT CODE	WAVELENGTH	ANGLE	DISTANCE		FOV	
IS-8-P	850nm	10° - Circular	101m	332'	18m	58'
		30° - Elliptical	51m	166'	27m	89'
		60° - Elliptical	32m	106'	37m	122'
		95° - Elliptical	16m	53'	35m	115'
IS-9-P	940nm	10° - Circular	62m	204'	11m	36'
		30° - Elliptical	30m	98'	16m	53'
		60° - Elliptical	18m	60'	21m	70'
		95° - Elliptical	9m	30'	20m	66'



General

Electronics

High efficiency surface mount high power LED's with advanced current limited integral control circuitry

Construction

Robust high quality aluminium extrusion

Front Window

Polycarbonate high transmission protective (vandal proof) ir filter with CleanLITE® technology

Finish

Black anodised

Power Cable

3m (9ft) with waterproof RJ45 connector

Interface Connector

Photocell Following Contact & Remote Telemetry Input

Pressure Equalisation Vent

Prevents thermal expansion & pressure cycling

Photocell

Adjustable 20 -70 Lux

Illumination

Adjustable 10% - 100%

Operating Temperature

-50° to 50°C (-58° to 122°F)

Weight

750g (1.6lbs)

Mount

Powder coated stainless steel wall mount

Dimensions

68 x 110 x 78mm (2.68" x 4.33" x 3.07")

Electrical

Power Over Ethernet (PoE)

IEEE802af Compliant interface, Power classification (Class 0)

Consumption

12W

Wavelength

Standard

850nm (Semi Covert). Faint Red Glow Only

CERTIFICATIONS

SAFETY	EN60598:2004 EN60825-1	Electrical safety Laser eye safety
IP	IP66 in accordance with EN60529:1992	
EMC	EN61000, FCC Part 15. 107 15. 108 Class B	
WEEE	Waste electrical & electronic equipment European directive 202/96/EC	
RoHS	Restriction of hazardous substance European directive 202/95/EC	