



Large Hybrid IP

Infra-Red & White-Light LED Illuminator

The Hybrid IP is a high-performance combined infra-red and white light illuminator. Incorporating the latest surface mount LED's with enhanced optical output and outstanding reliability, delivers excellent night-time images.

The Hybrid IP is an internet protocol connected illuminator with integrated web browser interface. The range includes an 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, illuminating 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° & 95° elliptical beam profiles.

Integrations Partners: Seamless integration with all popular CCTV systems, Video Management Solutions, Smart Home Systems - please contact GJD for more details on your specific requirement.

FEATURES

Hybrid Illuminator designed to provide dedicated lighting for IP cameras via PoE

Combined Infra-red and White-light illumination

Latest SMT LED technology

Angle 10°, 30°, 60°, & 95° (Other angles are available on request)

Elliptical beam profiles

Distances up to 187m (614' IR) and 114m (374' WL)

Integrated browser interface

Direct integration with VMS system

IEEE02af compliant

IP66 weatherproof rating

Built-in photocell on/off

Vibration/shock sensor

CleanLITE® self-cleaning lens coating technology

High quality anodised aluminium heatsink

5-year warranty

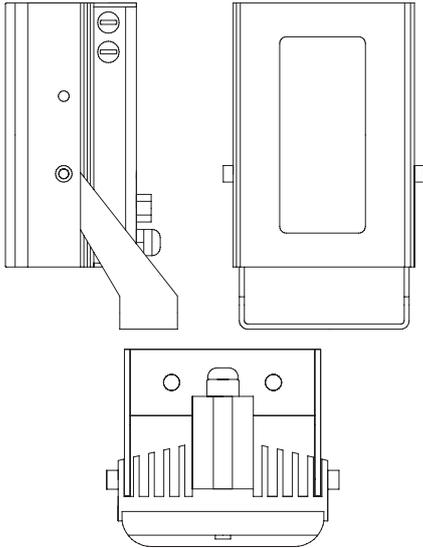
PRODUCT CODES

HL-8CW-IP	Large Hybrid IP 850nm IR/WL Illuminator
HL-9CW-IP	Large Hybrid IP 940nm IR/WL Illuminator

Interchangeable Diffuser Lens



SPECIFICATIONS



Infra-Red Distances						
Product Code	Wavelength	Angle	Distance		FOV	
HM-8CW-IP	850nm	10° - Circular	187m	614'	33m	107'
		30° - Elliptical	94m	307'	50m	164'
		60° - Elliptical	60m	195'	69m	225'
		95° - Elliptical	30m	98'	65m	213'
HM-9CW-IP	940nm	10° - Circular	115m	376'	20m	66'
		30° - Elliptical	65m	213'	35m	114'
		60° - Elliptical	40m	131'	46m	152'
		95° - Elliptical	20m	66'	44m	143'

White-Light Distances				
Angle	Distance		FOV	
10° - Circular	114m	374'	20m	65'
30° - Elliptical	67m	218'	36m	117'
60° - Elliptical	48m	156'	55m	180'
95° - Elliptical	29m	94'	62m	204'

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

IR Wavelength
850nm (Semi covert). Faint red glow only
940nm (Covert). Minimal visible glow

White-Light
Lumen output: 1856lm
Colour temperature: Ultra white ≈6000K
CRI: >70

Power Cable
1m with IP68 connector

Interface Connector
Photocell Following Contact & Remote Telemetry Input

Pressure Equalisation Vent
Prevents thermal expansion & pressure cycling

Photocell
Software adjustable

Vibration/Knock Sensor
Software adjustable sensitivity

Illumination
Software adjustable 10% - 100% with pulse modes

Operating Temperature
-50° to 60°C (-58° to 140°F)

Weight
1.35Kg (3lbs)

Mount
Powder coated stainless steel wall mount

Dimensions
161 x 110 x 78mm (6.34" x 4.33" x 3.07")

User Interface
Web browser user interface. No software or installation needed

Electrical Input Voltage
PoE, IEEE802af Compliant, TCP/IP

Consumption
25W

CERTIFICATIONS	
WEEE	Waste electrical & electronic equipment european directive 202/96/EC
RoHS	Restriction of hazardous substance european directive 202/95/EC
CE-EMC	EN 61547 (Lighting-Immunity) EN 55015 (Lighting-Emission) EN 55032 Class B (IT-Emission) EN 55024 (IT-Immunity) EN 62493 (Lighting-EMF) EN 50130-4 (Alarm-EMC)
CE-LVD	EN 60598-1 (Luminaires-General) EN 60598-2-1 (Luminaires) EN 62368-1 / EN 60950-22

SAFETY	EN 62471 (LED safety)	
IP	IP66 in accordance with EN60529:1992	
ENVIRONMENTAL	IEC/EN 60529 IEC/EN 62262 EN 50130-5 (Alarm environmental)	IP66 IK09
AUS	RCM (AS/NZS CISPR 22 Class B)	