



Medium 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 101m (332' IR) and 68m (223' WL)

Integrated browser interface

Direct integration with VMS system

IEEE802.3af 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

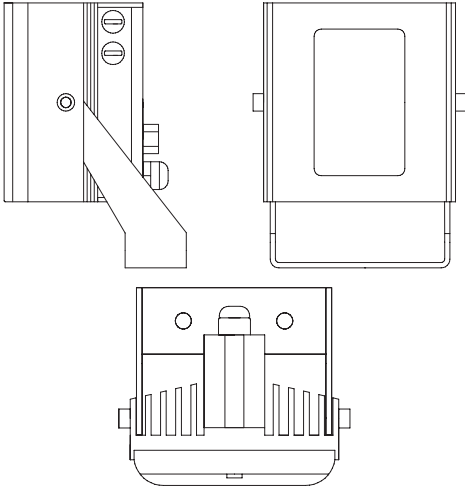
HM-8CW-IP	Medium Hybrid IP 850nm IR/WL Illuminator
HM-9CW-IP	Medium Hybrid IP 940nm IR/WL Illuminator

Interchangeable Diffuser Lens



An AVA Group Company

SPECIFICATIONS



Infra-Red Distances						
Product Code	Wavelength	Angle	Distance		FOV	
HM-8CW-IP	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'
HM-9CW-IP	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'

White-Light Distances				
Angle	Distance		FOV	
10° - Circular	68m	223'	12m	39'
30° - Elliptical	40m	130'	21m	70'
60° - Elliptical	28m	93'	33m	107'
95° - Elliptical	17m	56'	37m	122'

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: 928 lm+
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
1.05Kg (2.3lbs)

Mount
Powder coated stainless steel wall mount

Dimensions
111 x 110 x 78mm (4.49' 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
12W

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)	