Clarius®

Clarius® PLUS IP Medium Range

The **Clarius® Plus IP** is a high performance Infra-Red illuminator.

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

The **Clarius® Plus IP** is a internet protocol connected illuminator with integrated web browser interface.

The **Clarius® Plus IP** range of illuminators includes 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, 20°, 30°, 60°, 80° & 95° elliptical beam profiles.

PRODUCT FEATURES

- IR Illuminator Designed To Provide Dedicated Lighting For IP Cameras Via PoE+ (Power Over Ethernet)
- Angle 10°, 20°, 30°, 60°, 80° & 95°
- Web browser interface
- Direct integration with VMS system
- Elliptical Beam Profiles
- IEEE02at Compliant
- Latest SMT **Dual Core LED™** Technology
- Distances Up To 187m (614')
- 850nm or 940nm Wavelengths
- 5 Year Warranty
- IP66 Weather Proof Rating
- Built-in Photocell IR On/Off
- Photocell Following Contact
- Telemetry Input for Remote Switching
- Vibration sensor
- **CleanLITE®** Self Cleaning Lens Coating Technology

Supported VMS software

- Bosch
- Vista Qulu
- Axis Camera Companion
- Wavestore VMS
- Embsec Visualiser
- QNAP
- Genetec Omincast
- Griffid GMS & GMC
- Kentima Ethiris
- Milestone XProtect
- Mirasys Carbon
- SeeTec Enterprise & Probox
- Concept Pro
- Dahua

Supported cameras & NVR's

- Bosch
- Axis
- Sony
- Ernitec
- Hikvision
- Dahua

INTERCHANGEABLE DIFFUSER LENS

Integrated Photo Cell

Advanced LED Optics

Telemetry & Camera Day/Night Switching

PoE+ Powered

High Quality Anodised Aluminium Heatsink

CleanLITE® Self Cleaning Lens Coating Technology

Latest SMT **Dual Core LED™** Technology

SECTORS

RESIDENTIAL COMMERCIAL INDUSTRIAL BORDERS MILITARY BASES PORTS POWER PLANTS HERITAGE AIRPORTS PRISONS

Product Code	Wavelength	Angle	Distance		FOV	
IM-8-IP	850nm	10° - Circular	187m	614'	33m	107'
		20° - Elliptical	128m	418'	45m	148'
		30° - Elliptical	94m	307'	50m	164'
		60° - Elliptical	60m	195'	69m	225'
		80° - Elliptical	43m	139'	71m	234'
		95° - Elliptical	30m	98'	65m	213'
IM-9-IP	940nm	10° - Circular	115m	376'	20m	66'
		20° - Elliptical	80m	262'	28m	93'
		30° - Elliptical	65m	213'	35m	114'
		60° - Elliptical	40m	131'	46m	152'
		80° - Elliptical	30m	98'	50m	165'
		95° - Elliptical	20m	66'	44m	143'

TECHNICAL SPECIFICATIONS
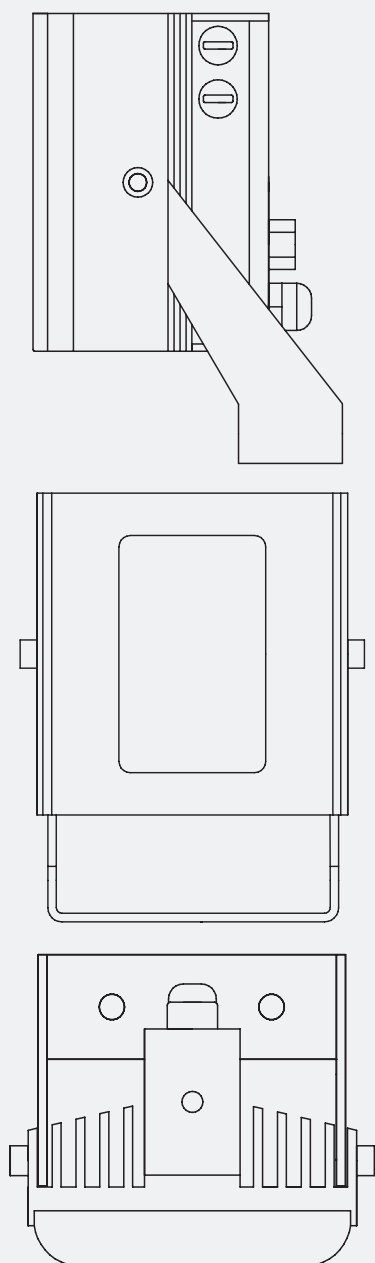
GENERAL

Electronics — High Efficiency Surface Mount High Power Dual Core LEDs™ 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)

Interface Connector — Photocell Following Contact & Remote Telemetry Input

Pressure Equalisation Vent — Prevents Thermal Expansion & Pressure Cycling

Photocell — Software Adjustable 20 -70 Lux

Illumination — Software Adjustable 10% - 100% with Low power and pulse modes

Vibration/Knock sensor — Software adjustable sensitivity

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")

ELECTRICAL

High Power over Ethernet — IEEE802at Compliant, TCP/IP

Consumption — 26W

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

WAVELENGTH

Standard — 850nm (Semi Covert). Faint Red Glow Only

Optional — 940nm (Covert). Minimal Visible Glow

CERTIFICATIONS

WEEE — Waste Electrical & Electronic Equipment European Directive 202/96/EC

Environmental
IEC/EN 60529 — IP66

RoHS — Restriction Of Hazardous Substance European Directive 202/95/EC

IEC/EN 62262 — IK09
EN 50130-5 — (Alarm-environmental)

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)

N2580, EN 50581 — (RoHS), REACH

USA
cULus, UL 1598
FCC, Class B

AUS — RCM (AS/NZS CISPR 22 Class B)

CE-LVD
EN 60598-1 — (Luminaires-General)
EN 60598-2-1 — (Luminaires)
EN 62368-1 / EN 60950-22

Safety
EN 62471 — (LED safety)