LO15HD4GEU

Wireless HD 4G PIR Camera

OCULi is a battery powered, standalone wireless PIR detector with a built-in 5 megapixel camera. It provides rapid visual verification of captured events using the 4G mobile network. Units and sites can be self-monitored and controlled via the unique OCULi web portal and mobile phone app. OCULi can be used anywhere with a good 4G signal. Our UK SIMs are provided by BT and are non-network specific so that they will always use the strongest signal. All footage is stored on the cloud server so it can be easily downloaded for prosecution purposes. Cloud user fees are included in the monthly SIM cost.
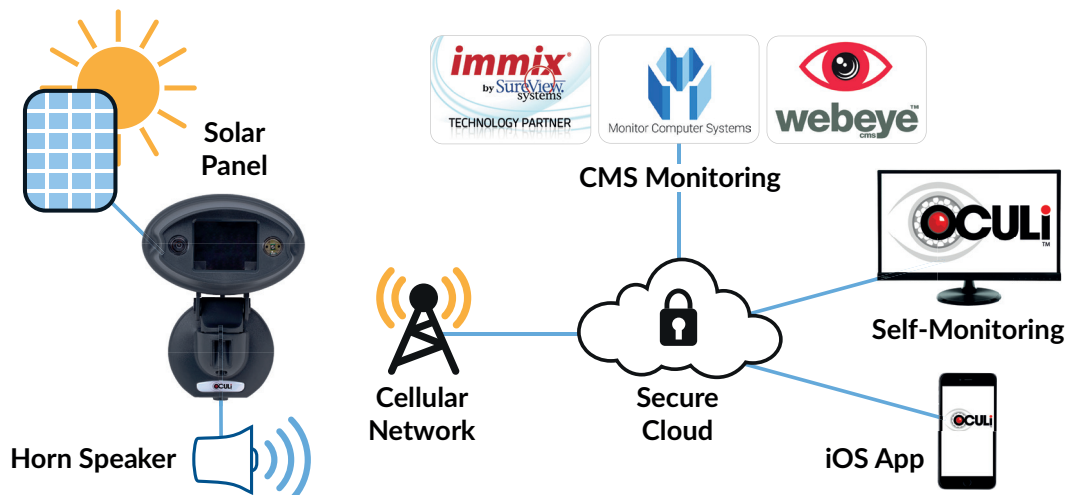
A solar kit is available which facilitates other features such as Live Streaming and requests for further footage and manual Arm/Disarm. A horn speaker kit is available to provide voice or audio challenge. OCULi can be telephoned to make a two-way voice call or simply play pre-recorded messages or alarm sounds.

The PIR detection range is 15m x 90° using a quad sensor which matches the camera's field of view. A switchable IR-cut filter means you will see realistic colour images by day and still be able to see images in the dark by way of the powerful built in IR illumination. The PIR settings are adjustable within the web portal, allowing the user to configure sensitivity, and/or gating and pulse counting, as well as the day/night threshold. OCULi is fully tamper protected with IR anti-masking, 3 axis inertia sensing and enclosure tampers.
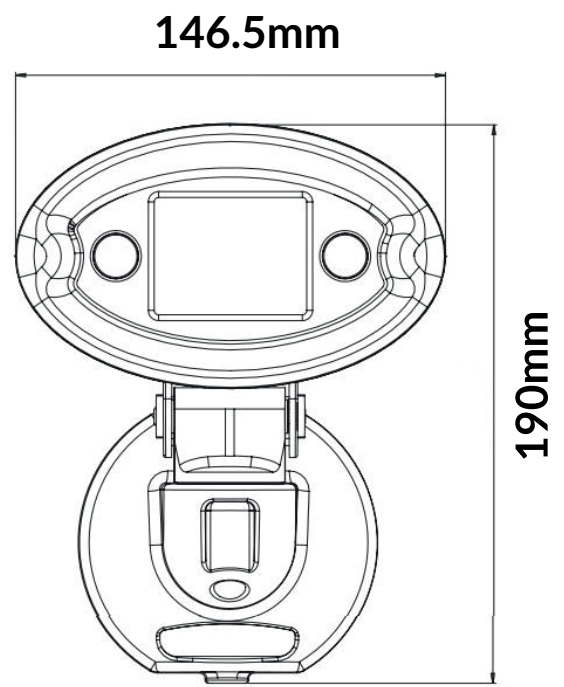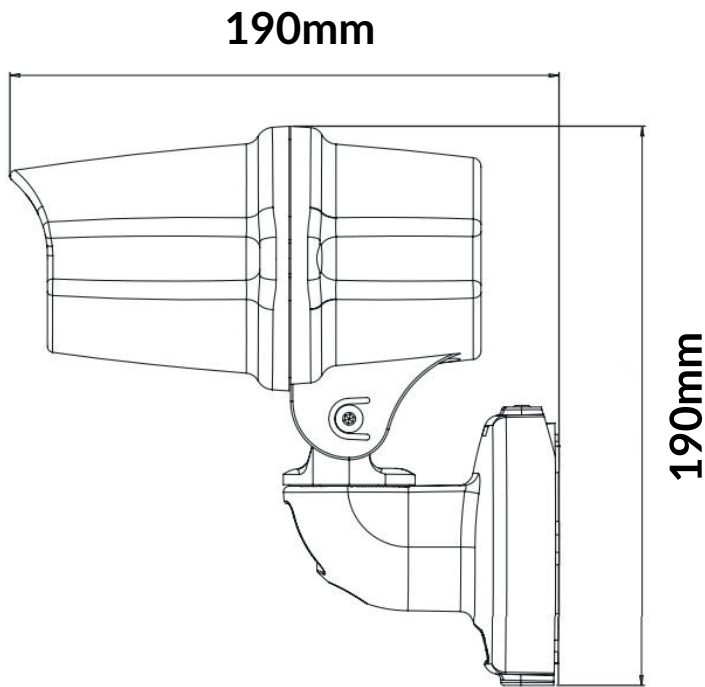
The arming schedule can be set individually or site-wide for each day of the week and can be set and unset up to 3 times per day. With the addition of a pluggable wireless module, it is possible to arm and dis-arm a site using a Genesis wireless keypad. This module also allows OCULi to interact with Genesis PIR detectors and Alertex sounders to provide a robust and comprehensive security solution.

The OCULi online web portal is a full monitoring platform for use with your OCULi units. It allows you to view footage captured by your units, add sites, change the unit settings, assign new users and keep track of your SIMs and data usage. Battery status is also monitored, with alerts sent when close to depletion. The OCULi mobile app provides a convenient way to receive event notifications directly to your phone.

Example Scenario

Solar Panel

Horn Speaker

Cellular Network

CMS Monitoring

Secure Cloud

Self-Monitoring

iOS App

Dimensions

190mm

190mm

146.5mm

190mm

Basic Information

Power Requirements	2 x 3.6v lithium D cells OR 2 x 3.7v rechargeable Li-ion (not supplied)
Mobile Data	4G to dedicated cloud server
Battery Life	6-9 months on 3.6v lithium D cells
Micro SD	8gb (supplied)
SIM Card	BT non-network specific UK SIM
Weight	850g (without batteries)
Operating Temperature Range	-20°C to +60°C
Mounting Height	2.4 to 4 meters
Weather Rating	IP66
Warranty	2 years

Transmitted Events

Detection	Low Battery
Tamper	Signal Strength
Shock	TimeLine® Video
Anti-masking	Heart Beat
3 Axis Orientation	

Detector Information

Motion Detector Type	Passive Infrared
Sensor Type	Quad Pyro
Lens Type	Fresnel
Detection Range	15m x 90°

Camera Information

Selectable Camera Resolution	640 x 480 1280 x 720 1920 x 1080 2560 x 1944
Camera Lens	90° Horizontal
Video Sequence	2 frames per second over 7 seconds

Lighting Information

IR LED	IR frequency 850nm
IR Power	1 amp
IR Distance	10 meters

Accessories

	Part Code
Solar Kit	SOLARKIT
Horn Speaker	HORNSPEAKER
Plug-on module for Arm/Disarm	SA740