LO40HD4GE - Europe
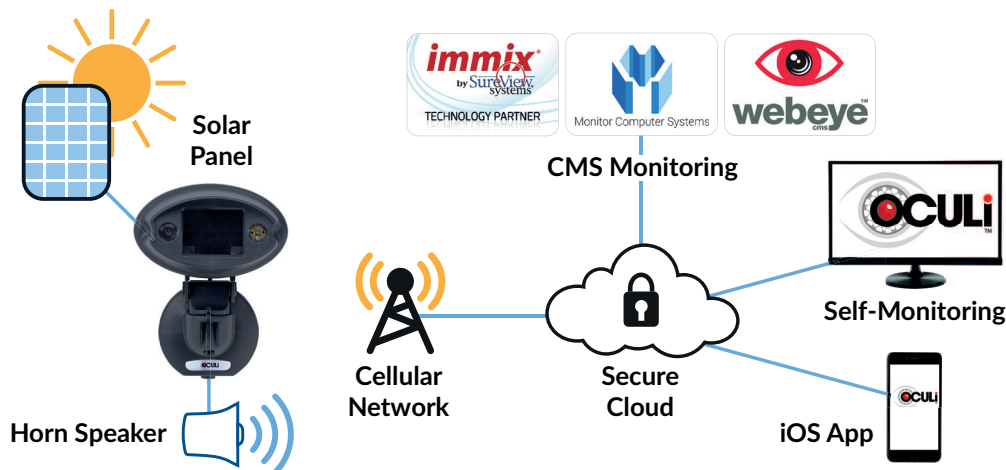# LO40HD4GG - Global

Wireless HD 4G PIR Camera with 40m Lens

OCULi HD is a battery-powered, standalone wireless PIR detector with a built-in HD camera and is now available with a long 40m out and 4m across PIR detection range and a camera field of view of 60°. This long-range model is particularly suited to detecting vehicles or assets across an extended area such as a car park or along a perimeter line.

Events are transmitted over the 4G mobile network for rapid visual verification. Units and sites can be self-monitored and controlled via the unique OCULi web portal. This portal is a full monitoring platform for use only with OCULi units. It allows users to view footage, add sites, change the unit settings, assign new users and keep track of SIMs and data usage. Battery status is also monitored, with alerts sent when close to depletion. Remote monitoring only is achieved using the OCULi mobile phone apps currently for iOS and Android.

OCULi HD can be used anywhere with a good 4G signal. We can provide a choice of SIMs for use in the UK and elsewhere as well as offering non-steered SIMs that will always use the strongest signal. All footage is stored on the cloud server for three months so it can be easily downloaded for prosecution purposes. Cloud user fees are included in the monthly SIM cost. Customers can use their own SIM with an applicable monthly server access charge.

Example Scenario

A solar kit is available which facilitates additional features such as Live Streaming and requests for further footage. A horn speaker can provide a choice of audio challenges. You can configure a pre-recorded message or sound to play automatically on detection or, you can make a two-way voice call to initiate a live voice challenge.

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 HD is fully tamper protected with IR anti-masking, 3 axis inertia sensing and enclosure tampers.
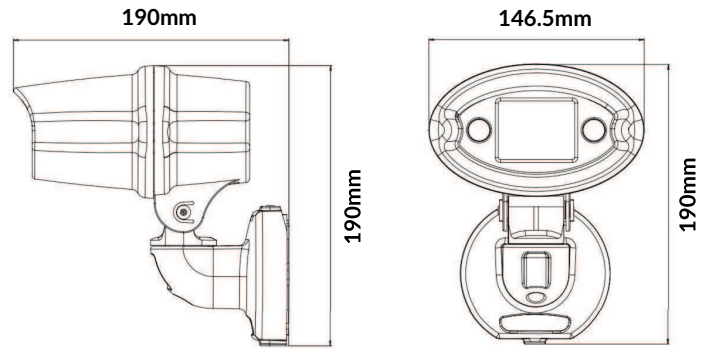
Picture quality is selectable from VGA up to 5MP providing very high-quality images. A switchable IR-cut filter means you will see realistic colour images by day and still be able to see images in the dark by way of the powerful built in IR illumination up to 15 metres. The arming schedule can be set individually or site-wide for each day of the week and can be set and unset up to 3 times per day.

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
SIM Card	BT roaming SIM as standard
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

Dimensions

190mm

190mm

146.5mm

190mm

Detector Information

Motion Detector Type	Passive Infrared
Sensor Type	Quad Pyro
Lens Type	Fresnel
Detection Range	40m x 4m

Lighting Information

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

Camera Information

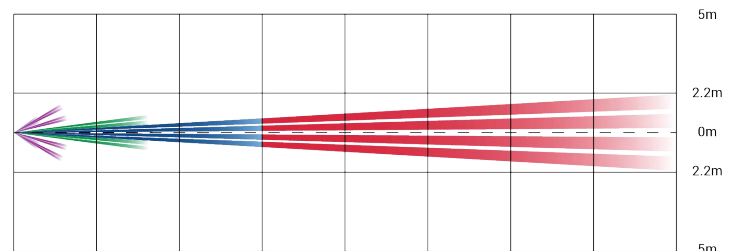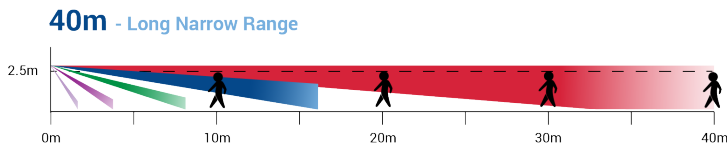|	
Selectable Camera Resolution	640 x 480 1280 x 720 1920 x 1080 5MP
Camera Lens	60° Telephoto
Video Sequence	2 frames per second over 7 seconds

Transmitted Events

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

Lens Pattern

40m - Long Narrow Range

2.5m

0m   10m   20m   30m   40m

5m
2.2m
0m
2.2m
5m

Accessories

Solar Kit	Horn Speaker	Magnetic Wall Bracket
Part Code: SOLARKIT	Part Code: HORNSPEAKER	Part Code: MAGMOUNT