Luminite Electronics Ltd
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DECLARATION OF CONFORMITY

Declaration Number: 30092022-0001

The Manufacturer: **Luminite Electronics Ltd.**

The product: **LO15HD4GG OCULi HD**

OCULi HD is fitted with a powerful, HD camera, enabling events to be captured in full HD quality. Within the OCULi web portal, the camera resolution can be adjusted from 640p to 1080p according to the site requirements.

The 15m x 90° wide-angle PIR detection pattern falls slightly short of the cameras' field of view, ensuring that events are not missed. The powerful quad-pyro sensor is highly sensitive to human activity and resilient to false detections. The PIR settings can be adjusted within the OCULi web portal, allowing the user to configure sensitivity, and/or gating, pulse counting and the day/night threshold. The automatic IR cut filter ensures colour accuracy in daytime images without compromising on night-time clarity, enabled by the powerful IR illuminator.

OCULi HD is fully tamper protected with IR anti-masking, 3-axis inertia sensing and enclosure tampers.

Technical Specifications			
Power Requirements	2 x 3.6v lithium D cells OR 2 x 3.7v rechargeable Li-ion (not supplied)	Motion Detector Type	Passive infrared
Mobile Data	4G to dedicated cloud server	Sensor Type	Quad pyro
Battery Life (estimated)	6 – 9 months on 3.6v lithium D cells	Lens Type	Fresnal
Micro SD Specification	Up to 32GB supported (not supplied)	Detection Range	15 metres x 90°
SIM Card Specification	BT non-network specific UK SIM	Selectable Camera Resolution	- 640 x 480 -1280 x 720 - 1920 x 1080 - 5MP
Weight	850g (without batteries)	Camera Lens	70° horizontal
Operating Temperature	-20°C to +60°C	Video Sequence	2 frames per second over 7 seconds
Mounting Height	2.5 – 4 metres	IR LED	IR frequency 850nm
Weather Rating	IP66	IR Power	1 amp
Warranty	2 years	IR Distance	10 metres

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We declare that the product **LO15HD4GG OCULi HD** is conformal to the following directives and standards:

2014/30/EU – Electromagnetic Compatibility (EMC)

Harmonised Standards

EN 55014-1:2019 Electromagnetic compatibility – is the principal standard for electromagnetic disturbance (EMC emissions) requirements that apply to the emission of radio-frequency disturbances in the frequency range 9 kHz to 400 GHz for devices, whether powered by AC or DC (including a battery). The disturbance is in limits and complies with the standard.

2014/35/EU – Low Voltage (LVD)

Harmonised Standards

EN 60335 This standard deals with the common hazards presented by appliances that are encountered by all persons in and around. The product is within the scope of the standard.

EN 62233:2008 Deals with electromagnetic fields up to 300 GHz and defines methods for evaluating the electric field strength and magnetic flux density around household and similar electrical appliances. Including the conditions during testing as well as measuring distances and positions. The product is within the scope of this standard.

2011/65/EU – Restriction of use of certain hazardous substances (RoHS)

Harmonised Standards

EN 50581:2012 The substances banned under RoHS are lead (Pb), mercury (Hg), cadmium (Cd), hexavalent chromium (CrVI), polybrominated biphenyls (PBB), polybrominated diphenyl ethers (PBDE), and four different phthalates (DEHP, BBP, BBP, DIBP), and have not been used in the product.

This declaration is issued under the exclusive responsibility of the manufacturer.

Graham Creek – Managing Director

30th September 2022

On behalf of Luminite Electronics Ltd

UK CA **DECLARATION OF CONFORMITY**