Autonomous iot
Creating The Future
SELF POWERED
NO POWER .... NO PROBLEM!
TO HELP REDUCE OUR CARBON FOOTPRINT AND CREATE A MORE SUSTAINABLE WORLD FOR THE NEXT GENERATION
INTELLIGENT HYBRID TECHNOLOGIES
SMART LED LIGHTING
CCTV
MONITORING

Autonomous *iot*

A UK company based in North Lanarkshire, Scotland, working in the Renewable Energy Sector focusing on ways to become more energy efficient and reduce our overall carbon footprint

Our Mission

To create leading edge reusable energy solutions that solve customer problems

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Our Solution

Our first product to market is our internally designed Smart Street-light platform.

Managed by our own Intellectual Property Smart Controller, powered by Batteries which are recharged by solar and wind energy. Our new product has a unique in-house design enclosure to maximise air flow and optimise sun capture and is monitored by our Dashboard which can be personalised to customer needs.

Value Proposition

Traditional external lighting installations in the UK are grid connected and consume a major amount of energy.

Our **Value Proposition** is to offer a **cost-effective alternative that is off-grid, always available, efficient and using technology that helps reduce our carbon footprint.** It uses reusable, energy efficient technology, powered by hybrid wind and solar, is remotely manageable and aesthetically pleasing.

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CENTURY HOUSE

Customer Experience Centre

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Models Aiot-V & Aiot-S

Intelligent Hybrid Technology From Autonomous iot

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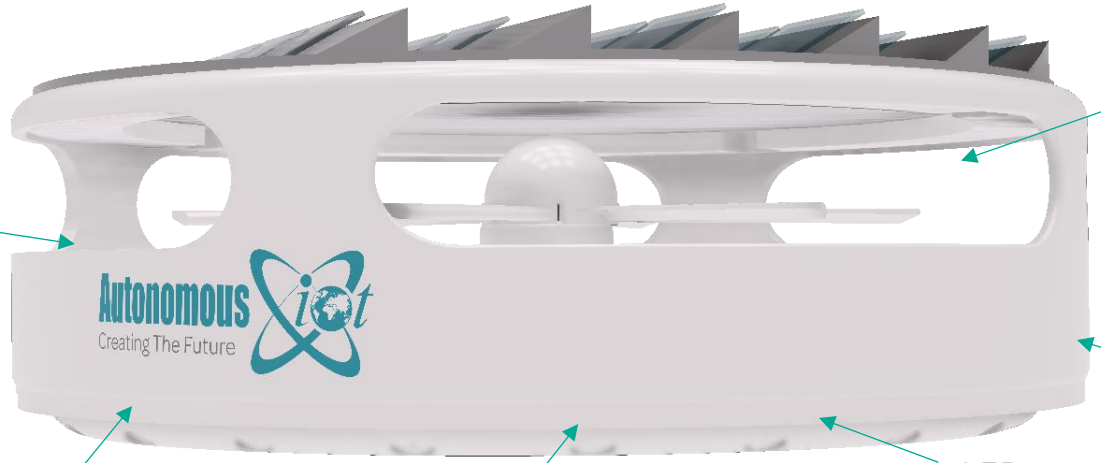
Solar panel designed for optimum sun capture can be rotated south per site location

Ergonomically designed enclosure for maximum wind capture



Fan

Bottom compartment holds components, photosensor & LEDs

LEDs

PIR

Wind Turbine Motor and Support Column

Lamp pole base contains a water sealed compartment with batteries and controller

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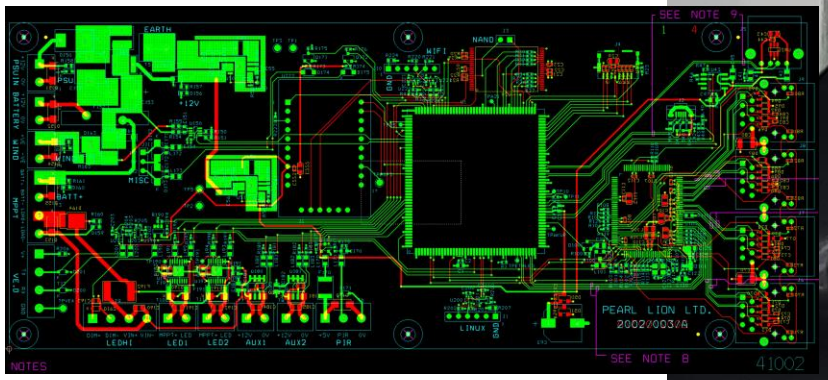
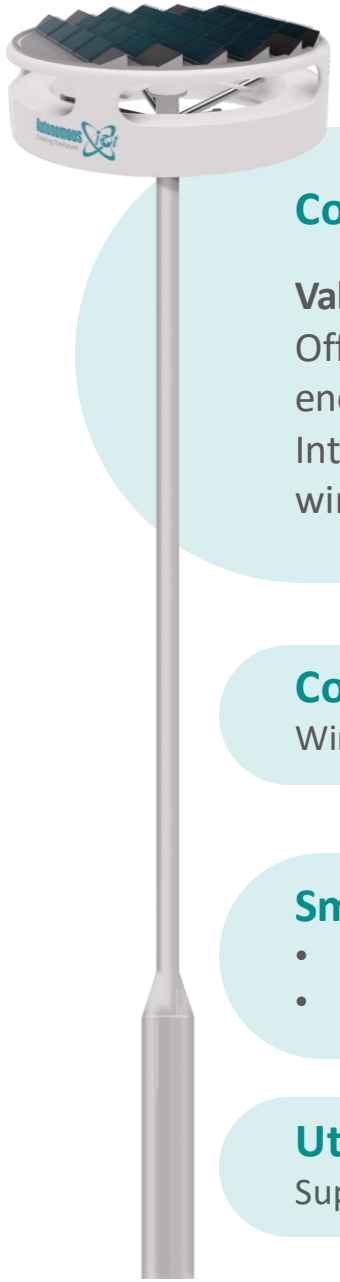
Intellectual Property Designed in the UK



AiOt

Use Case Proposition



Commercial Lighting

Value Proposition

Off-Grid Smart Lighting, cost saving, energy efficient, carbon reducing Intelligent Lighting with hybrid wind and solar reusable energy

Surveillance

- Rapid Deployment Security Tower
- High definition CCTV

Analytics

Monitoring pollution, speed etc. using intelligent sensors

Communication

Wireless, SIM, 5G devices

Smart City

- Internet of Things in a Smart City
- Smart parking

Emergency Alert

Help Points/ Early warning system

Natural Disasters

Off-grid Emergency lighting and power in event of natural disasters (floods, earthquakes, Covid-19)

Utility Power

Supplemental Power using meshing technology and intelligent management software

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AUTONOMOUS IOT

Device List

Documentation

Device List

Device Map

Reset Filter

Autonomous-iot

DMI

All Installations

Monitor and manage all of your installations

ADD INSTALLATION | COMPANY MANAGEMENT | CHECK NOTIFICATIONS

Name	Battery	Solar	Wind	Load	City	Status	ID	Edit	Delete
AIOT-S-037 Abbyfield	11.7V	4.7W	0.0W	0.0W	East Dunbartonshire	UP	b827eb1cc13e		
AIOT-S-038 Abbyfield	11.6V	1.2W	0.1W	0.0W	East Dunbartonshire	UP	b827ebab3393		
AIOT-S-003 SSF	11.9V	4.8W	0W	0.0W	Argyll and Bute	UP	b827eb0b289d		

User Dashboard

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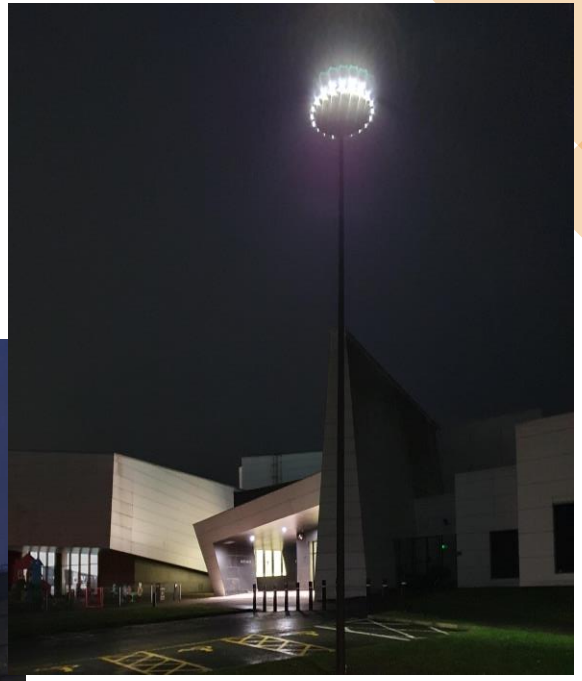
House



Customer Service
Centre

CCTV Images From AIOT-V (360 degree view)

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11-21-2020 Sat 17:30:49
NGHA Camera 4
NGHA Camera 4
11-21-2020 Sat 17:30:37
NGHA Camera 3
NGHA Camera 3
11-21-2020 Sat 17:30:57
NGHA Camera 2
11-21-2020 Sat 17:31:04
NGHA Camera 1
NGHA Camera 1

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THANK YOU

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