

## Solar Sentinel™ – Deployable CCTV & Drone Detection

The UK's only solar powered, rapidly deployable Drone Detection and CCTV platform.

Designed for events and sites that require robust, flexible, cost-effective solutions for their site security and safety needs

Dispensing of the need for line installation or groundworks, Solar Sentinel combines the latest camera surveillance technology with our proprietary drone detection software, AeroSentry®.

AeroSentry is a passive Radio Frequency (RF) scanning system that detects the unique RF transmissions of Commercial Off the Shelf Drones and their controllers. Accessed via an intuitive browser-based user interface with a control centre that can be easily configured. The user-friendly web interface allows you to access key features with ease, retrieving data such the history of previous drone alerts and associated drone tracks.



*Solar Sentinel Deployed*



*AeroSentry Interface*

### Applications:

- Event security and perimeter monitoring
- Wedding Security
- Festival and Airspace Monitoring
- Rapid Drone Defence Deployment
- Airport Protection
- Temporary Site Monitoring
- Horse Racing Events
- Football Stadia
- Air Shows
- VIP Visits
- Government Events
- Construction Site Monitoring

## Key Benefits:

- Off-grid security solution capable of delivering 24/7 CCTV & Drone Detection powered entirely by solar energy.
- Self-sustaining, powered entirely by solar energy.
- Personal service for clients of all sizes from private events to large festivals.
- Rapidly deployed and fully operational within a day.
- Scalable, portable and modular, providing the requisite flexibility for developing sites and operational requirements.
- Anti-theft and vandalism measures, built in GPS tracking, fully enclosed, ruggedized and lockable cabinet with IP66 rating.
- Completely green with zero net emissions. Solar Sentinel is self-sustaining which reduces noise on site and removes the requirement for diesel generators.
- Available for hire across the UK.

## Technical Information:

### **Solar Trailer**

|                       |                                       |
|-----------------------|---------------------------------------|
| Weight                | 750kg                                 |
| Power                 | 1600 Amp Hour Lead Acid Batteries 12V |
| Operating Temperature | -20 to +40 Degrees Celsius            |
| Mast                  | 7.5m Mechanical Winch Mast            |
| Solar Capacity        | 4 x 300W High Efficiency Solar Panels |
| Size (Deployed)       | 8m Height   5m Width   5m Depth       |

### **PTZ Camera**

|                  |                                      |
|------------------|--------------------------------------|
| Sensor           | 1/2.8" CMOS 3MP low-light sensor     |
| Zoom             | 30 x optical zoom                    |
| Control Profile  | ONVIF Profiles S, G and Q compliant  |
| Illumination     | Smart IR, White Light and Dual light |
| Video Management | App and Web Control                  |

### **AeroSentry Drone Detection**

|                |                                   |
|----------------|-----------------------------------|
| Range          | Up to 5km (1km planning distance) |
| Detection Type | Passive RF Scanning               |

## Pricing

Solar Sentinel is for hire from £349 per week, this price includes a five-camera system with 4 bullet cameras for continuous 360-degree surveillance and one high powered Pan Tilt Zoom camera, AeroSentry optional extra. Delivery and recovery from site from £649.

All prices are subject to VAT.