

Virtual Guard SOLAR

“ A truly wireless

solar powered High Definition CCTV solution

for any application. ”

Project Security | Traffic Management | Vacant Property



100% Solar Powered

No Fuel

No Emissions

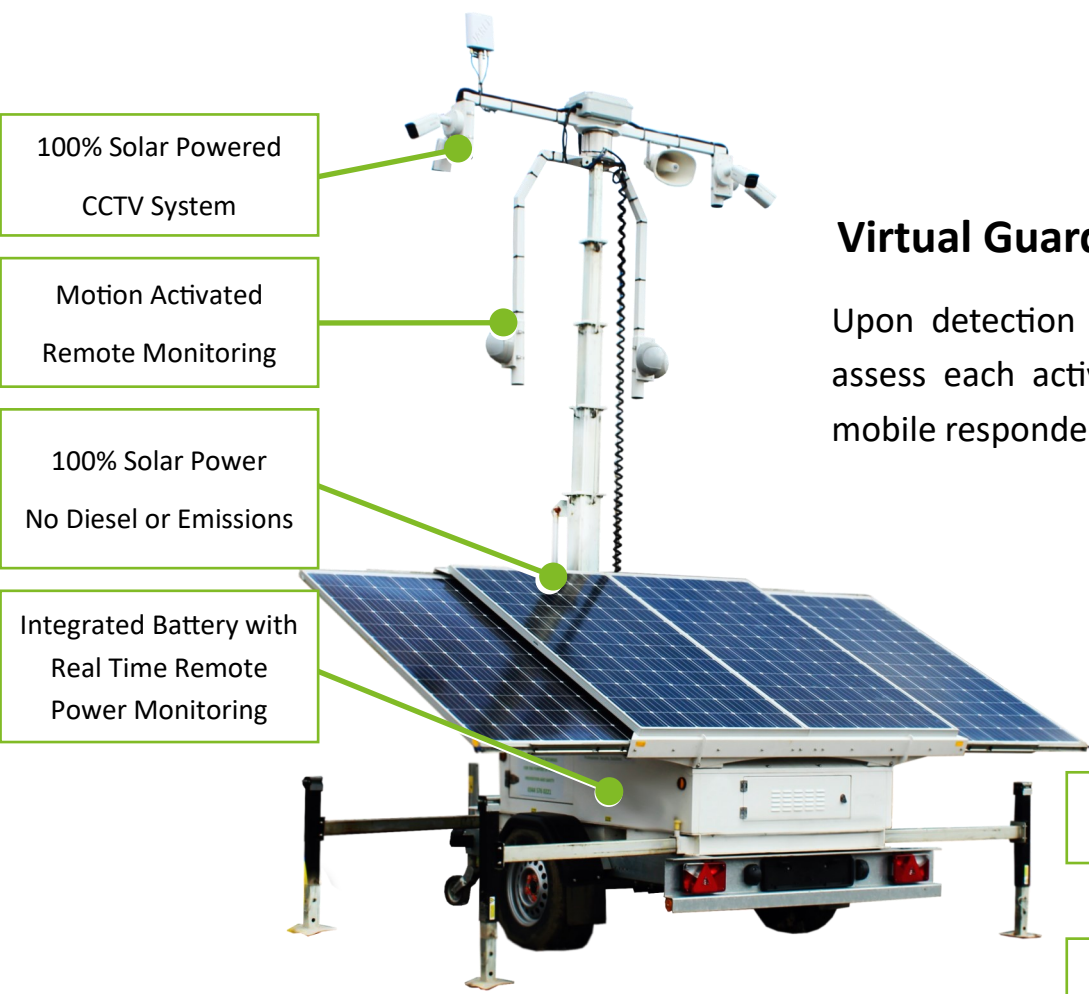
High Definition CCTV

No generator or hybrid

No refueling or spillages

Reduce your carbon footprint

View live from anywhere



100% Solar Powered
CCTV System

Motion Activated
Remote Monitoring

100% Solar Power
No Diesel or Emissions

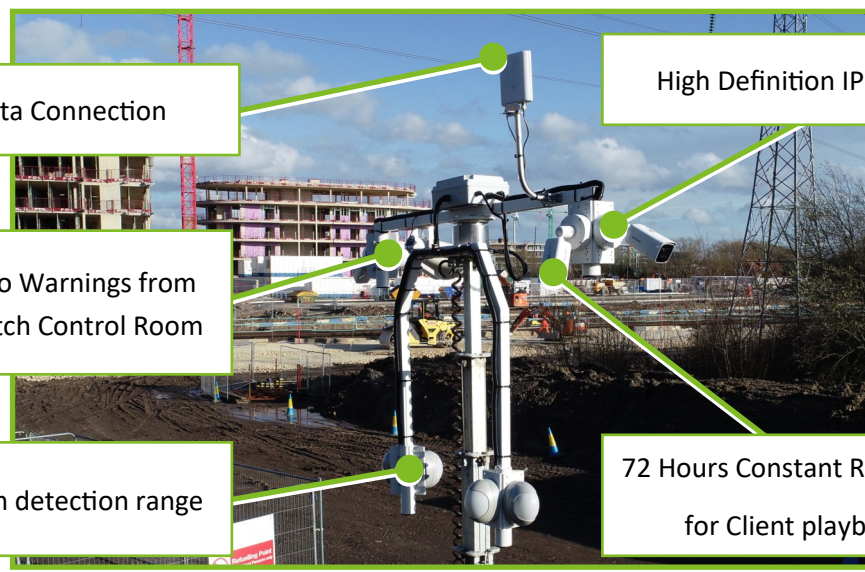
Integrated Battery with
Real Time Remote
Power Monitoring

Virtual Guard Solar is a unique, fully managed security solution.

Upon detection of an intruder Virtual Guard alerts our control room staff who assess each activation, issue live audio warnings, contact Police and dispatch a mobile responder to incidents—all at no additional cost to the client.

Every solar tower is fitted with a micro-controller and tracking facility to allow remote power control and collect key data such as power generated & consumed for system monitoring.

The solar CCTV tower provides fuel-savings and emissions reduction whilst securing your site 24 hours a day, 365 days a year. Powered by Prolectric solar and battery technology the tower unit operates reliably all year round.



4G Data Connection

High Definition IP CCTV

Live Audio Warnings from
SmartWatch Control Room

Up to 60m detection range

72 Hours Constant Recording
for Client playback

Virtual Guard Solar Tower Performance Data



Equivalent 5 kva generator unit performance comparison

Diesel consumption per hour: 0.53 Litres

CO2 generated per hour: 2.68 Kg

Fuel and Carbon savings per 168 hour week using the Virtual Guard Solar Tower

Diesel saved: 89.25 litres

CO2 reduction: 239.19 Kg

Virtual Guard Solar Tower System Specification

Solar System

- 4 x 330w solar panels
- Remote GPS power monitoring
- Heavy duty, deep-cycle internal battery
- Power consumption data monitored and recorded
- Hydraulic mast for easy installation
- PAMS safety system prevents movement while mast is raised

CCTV System

- High Definition IP CCTV system
- 4 Megapixel image resolution
- 128GB memory provides up to 72 hours constant recording
- 4G Data Connection
- Remote router with auto reboot function
- 30m x 20m motion detectors
- Custom built mast head