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.

4G Data Connection

High Definition IP CCTV

Live Audio Warnings from SmartWatch Control Room

72 Hours Constant Recording for Client playback

Up to 60m detection range

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.
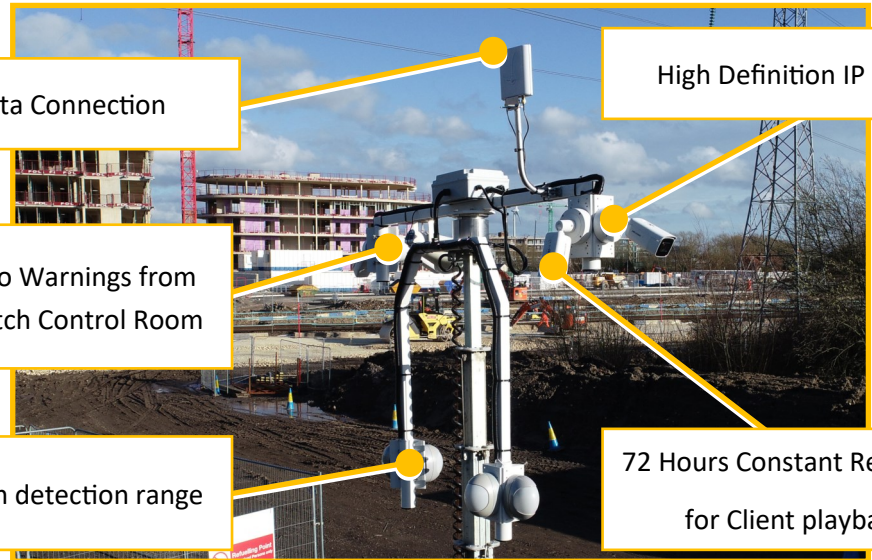
HK9 Security

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Virtual Guard Solar Tower Performance Data

Equivalent 5 kva generator unit performance comparison

Diesel consumption per hour: 0.53 Litres

CO_2 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

CO_2 reduction: 239.19 Kg

Virtual Guard Solar Tower System Specification

Solar System	CCTV System
• 4 x 330w solar panels	• High Definition IP CCTV system
• Remote GPS power monitoring	• 4 Megapixel image resolution
• Heavy duty, deep-cycle internal battery	• 128GB memory provides up to 72 hours constant recording
• Power consumption data monitored and recorded	• 4G Data Connection
• Hydraulic mast for easy installation	• Remote router with auto reboot function
• PAMS safety system prevents movement while mast is raised	• 30m x 20m motion detectors
	• Custom built mast head

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