

Intelligent Roadside Communication Platform

Powerful high-performance power platform that is portable and cost effective.

The solar power platform offers a flexible, cost-effective, environmentally friendly road-side communication mechanism with full reporting and remote control if required. The 900 Watt photovoltaic solar capacity offers unrivalled opportunity to mount multiple sensor and camera options including but not limited to: Connected Autonomous Vehicle sensors, CCTV, emission zone sensors and camera system, weather sensors, etc.



Features



Compact design

The innovative solar panel and trailer design makes it easy to transport and set up



360° tilt-and-rotate solar panels

Rotate panels to face south and tilt up to 60° to increase solar recharging and maximise performance



Low cost of ownership

Eliminate fuel, fuel labour, engine maintenance

Applications: transport | security | rail | manufacturing | construction sites | events

Technical specifications

Dimensions and Weight	
Travelling width	2075mm
Travelling length	3251mm
Travelling height	2750mm
Operating Width	2445mm
Operating length	3407mm
Operating height	7777mm
Trailer weight	1300kg
Axle	Single braked
Coupling	50mm ball
Hand brake	Parking brake
Trailer lights	European reg.
Solar	900 watts

General	
Solar	360° rotation/ 60° tilt
Battery config.	940A/h wired, 24V system
Battery charger	110V, 25 amp
Battery box	Steel/padlock covers
Mast	4 stage winch
Outriggers	4
Paint	Powder coat, RAL 2009 Traffic Orange

Recharging	
15-55W	2 recharges/yr
55-75W	4 recharges/yr
75-105W	6 recharges/yr
105-125W	8 recharges/yr
125-150W	12 recharges/yr

Options

- Capable of mounting multiple communication sensors
- GPS monitoring
- Environmentally friendly - no fuel, noise or pollution
- Robust to vandalism
- 900W photovoltaic solar panels
- Applications: transport, security, rail, manufacturing, construction sites and events



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About MobileVMS

Established in 2009, Mobile VMS provides digitally integrated traffic monitoring, control, and information solutions across the UK road network.

We're best known for our industry-leading VMS fleet but we're more than that. We deliver smart, energy-efficient solutions that help our clients manage traffic, improve safety, and communicate clearly with road users.

AT THE HEART OF EVERYTHING WE DO ARE FOUR GUIDING PILLARS:



CUSTOMER



INNOVATION



COLLABORATION



SUSTAINABILITY

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