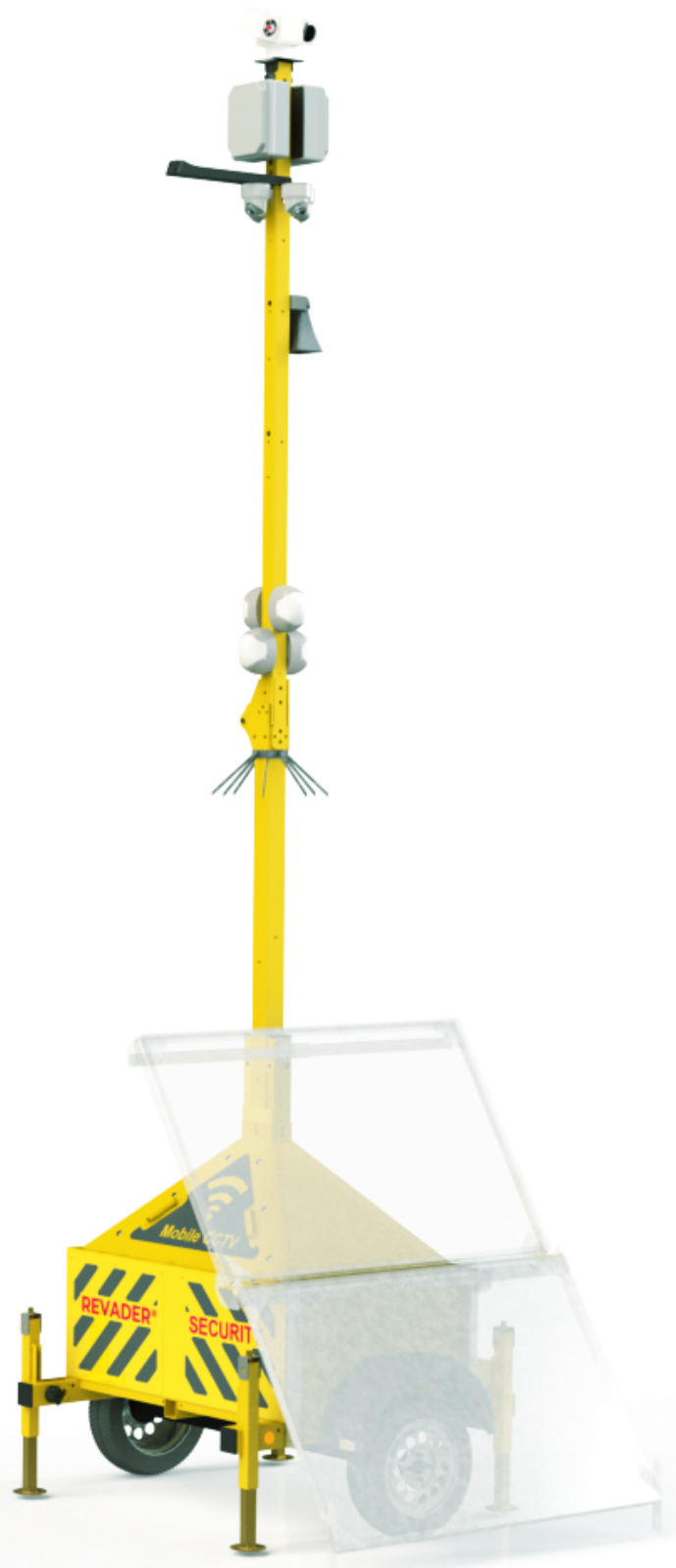


REVADER®

MOBILE CCTV TOWER

**OUR VERSATILE
SURVEILLANCE SOLUTION
CUSTOMISABLE TO YOUR
REQUIREMENTS**



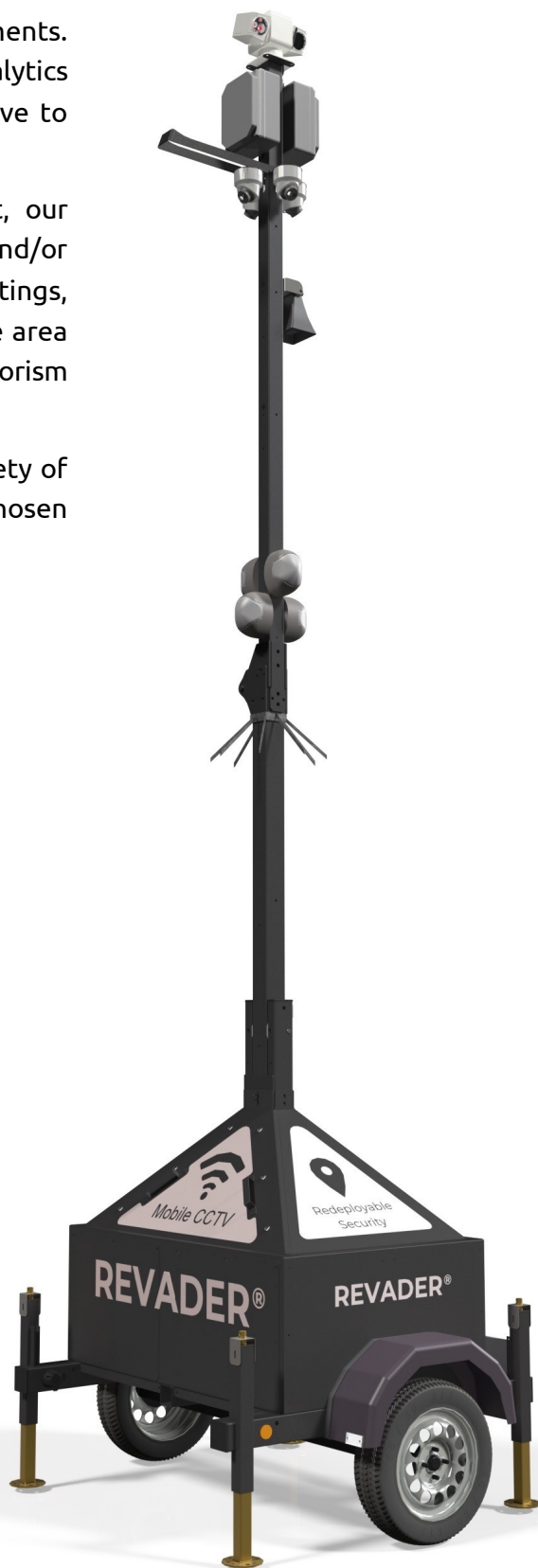
ROBUST & EASY TO DEPLOY

Our mobile CCTV tower provides comprehensive surveillance in virtually any location. Designed for rapid deployment by a single person, each tower is towable by a standard car, yet sufficiently rugged to withstand all environmental conditions in the UK.

The CCTV towers can be customised to your exact requirements. They support a wide array of sensors, cameras, on-board analytics and remote monitoring, making them an effective alternative to man-guarding, with a substantially reduced operational cost.

Ideal for emergency, temporary or long-term deployment, our towers are perfectly suited for use in remote locations and/or open spaces. They have proven effective in a multitude of settings, including construction sites, car parks, housing estates, large area storage, railway sidings, crime scenes, counter-terrorism operations and at public events and demonstrations.

The tower is available as chassis & boom only, or with a variety of power options built into the tower base to support your chosen surveillance system.



CUSTOMISE YOUR TOWER BASE

MAINS: ideal where mains or generator power is available 24/7.

BATTERY: suitable for scenarios where regular charging is available, either from mains or site generator. Run time 7+ days (battery size & load-dependent).

DIESEL: configured for remote locations without power. Runs for over 30 days autonomously on one tank of fuel.

SOLAR: designed for remote locations without power. Runs 24/7 (battery size and load-dependent).

CHASSIS ONLY: our robust, towable tower without a pre-configured power option.



RAPID DEPLOYMENT

Flexible to your requirements, our CCTV towers are easily towable by car and are straightforward to install in virtually any location within minutes. Only minimal technical know-how required to lower the legs, expand the mast & power up.



BUILT FOR STRENGTH

Our mobile CCTV towers feature a square-based pyramid design both for strength and anti-climb properties. Constructed from the strongest materials with expert welding & vibration-resistant electrical assembly.



NO POWER? NO PROBLEM

Whatever your situation, our range of mobile CCTV towers can accommodate. Whether you have access to reliable or intermittent mains power, renewable energy sources, generators, batteries or none of the above, we can help.



EASY TO INTEGRATE

Our mobile CCTV towers perform highly on a standalone basis or can be easily integrated into a new or existing video network. The towers are able to interface with a wide range of video management software (VMS) platforms.



POWER MANAGEMENT

The on-board power resource manager (PRM) monitors voltages, currents & fuel (if applicable) and can be controlled remotely to monitor & schedule hours of operation. Email alerts are generated to notify users in the event of failure or low battery/fuel.



COST-EFFECTIVE

Pound for pound, our fully-featured CCTV towers outperform man-guarding and other traditional security measures, which are implemented at great initial & ongoing expense and cannot undertake simultaneous surveillance tasks. Tower running cost from £1 / day.

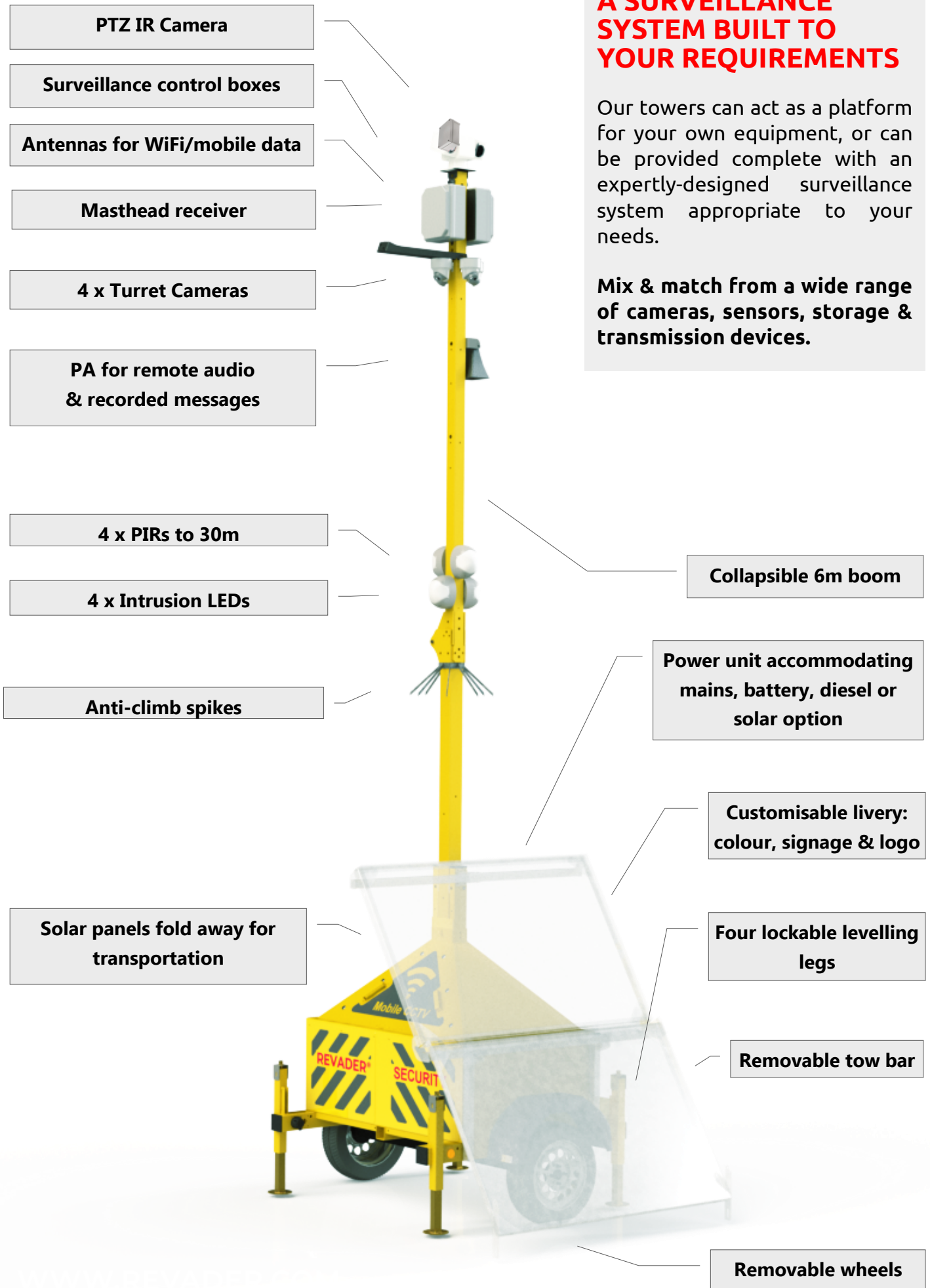
“The towers have been a game-changer. We can now monitor huge 360-degree areas for days on end, at hardly any notice & at a fraction of the cost of manned guarding or fixed cameras.”

— Major UK Security Operator

A SURVEILLANCE SYSTEM BUILT TO YOUR REQUIREMENTS

Our towers can act as a platform for your own equipment, or can be provided complete with an expertly-designed surveillance system appropriate to your needs.

Mix & match from a wide range of cameras, sensors, storage & transmission devices.



REMOTE MONITORING



Remote monitoring, camera control and video clip download can be performed by a control room or via any PC/laptop or mobile device. Signal transmission is received by WiFi, 4/5G or a direct point to point link to a wireless hub. Our towers support a wide range of video management system platforms.

CREATE AN INTELLIGENT SYSTEM



Utilising the 2/4kVA power output facility, our diesel base tower serves as an effective power unit for IT infrastructure, floodlights, electronic displays, ticketing devices, forensics tents and mobile command centres.



With the addition of wireless auxiliary cameras affixed to nearby infrastructure, our mobile CCTV towers can act as host to a large area surveillance network, established at short notice.



With the addition of a masthead receiver and wireless PIRs (supports up to 64), our mobile CCTV towers can act as an effective intruder detection & perimeter surveillance solution.



Connect multiple towers together in a video network to provide complete coverage of a large site, controlled and monitored from a single control room.

PROVEN TO DELIVER

- > Trusted by UK police forces, local authorities & large industrial users.
- > Proven to tackle antisocial behaviour in crime hotspots, housing estates, parks & car parks.
- > Track record in protecting unguarded assets from trespass, theft & vandalism.
- > Ideal for construction site safety & security.
- > Used at several major public events.



SPECIFICATION

MECHANICAL

Trailer IVA tested: Cat01
Weight: <750kg (max for un-braked trailers)
Lift weight max (on mast): 35kg
Total length (towing): 2950mm
Total length (deployed): 1530mm
Width: 1970mm (including wheels)
Height (towing): 2400mm
Height (deployed): 6000mm
Removable drawbar satisfies ISO7641

CAMERA/ ACCESSORY OPTIONS

Mix & match from our standard surveillance options:

2MP PTZ Top Camera, 25 x optical zoom, 250m with IR
4x4MP Turret Cameras, 30m with IR
Surveillance Control Box (includes PC, 6TB+ storage, modem)
Antennas for dual-band WiFi, 3-5G mobile data
Masthead receiver supporting up to 64 wireless PIRs
4x PIRs to 30m
4x Intrusion LEDs triggered by motion
Public address system
Video analytics modules
Livery: custom colour & branding
Anti-climb spikes
Wide range of video management software platforms supported
NDAA-compliant system available on request

Other camera & recording configurations can be accommodated to meet customer requirements.

POWER OPTIONS

Mains

101V AC or 240V AC input, 24V DC output
1.4 kWh lithium-ion failover battery

Battery

110V AC or 240V AC input, 24V DC output
7.6 kWh or 14.3 kWh rechargeable lithium-ion batteries providing 7 days operation up to 40W or 75W power usage (model dependent)

Diesel

110V AC or 240V AC & diesel fuel input, 12V DC output
5kVA diesel generator charging 5.6 kWh lithium-ion batteries
Average generator run time 2hrs/day for 30 days, fuelled from 100L tank
Up to 4kVA power out to ancillary equipment while generator running
Automatic generator/mains switch-over when mains available
Generator, fuel & battery monitored & controlled remotely
Silent 3 day/weekend running facility

Solar

Sunlight to 24V DC output
2x420Wp solar panels, charging 7.6kWh or 14.2kWh lithium-ion battery pack, providing 24/7 power (on forecast average useable 1.6hrs sun/day Dec-Feb with 7.6kW batteries & 40W load), plus mains charging for emergencies
Notifiable battery swap-out facility if forecast average useable sun is not being met for long periods
Plug & play top PTZ option (N.B. for 24/7 operation with top PTZ you will need a second solar array - part no. 62370).

PRODUCT RANGE & PART NOS

CHASSIS & BOOM ONLY	61430
MAINS POWER BASE	61449
BATTERY POWER BASE	62310
DIESEL POWER BASE	61165
SOLAR POWER BASE	62300



E&OE