



**THE UK'S LEADING RANGE OF  
STAND-ALONE, FULLY INTEGRATED,  
RAPIDLY DEPLOYABLE, MOBILE  
CCTV SECURITY SOLUTIONS.**



**The smarter way to protect remote  
and temporary sites, 24 hours a day**

- Any budget
- Any environment
- Any infrastructure

**Low infrastructure requirements**

- No mounting
- Green power option
- No communication installations

- Scalable network intelligent image processing
- Advanced thermal imaging option
- Environmentally friendly
- Full service offering

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[www.vps-sitesecurity.co.uk](http://www.vps-sitesecurity.co.uk)





# FOR EFFECTIVENESS AND ECONOMY, NOTHING TOPS A JCB SMART TOWER®

As specialists in temporary and remote site security, we understand how important it is to deliver a cost-effective solution without compromising on protection.

The JCB Smart Tower range incorporates all the components you'll need to provide effective CCTV monitoring and recording in a robust and rugged housing. A vandal-resistant pan-tilt-zoom camera is supplemented with infra-red and white light illuminators, a variety of movement detectors, a digital recorder and a public address system.

Designed for ease of installation and relocation where necessary, JCB Smart Tower units utilise wireless communications technology to minimise disruptive cable runs and virtually eliminate any ground work or infrastructure requirements. An uninterruptible power supply ensures the system remains functional in the event of power failure.

Compare the JCB Smart Tower to manned guarding and you'll immediately recognise its benefits. A JCB Smart Tower can detect multiple intrusions simultaneously, remain fully alert throughout the night and is immune to bribery, coercion and threats.

So for a cost-effective and far more effective solution, there's only one choice - JCB Smart Tower.

## Applications

The versatility of the JCB Smart Tower range is second to none. Deployed in 1000's of sites across the UK, its many applications include:



**Construction**

**Utilities & Electricity**



**Highways & Rail**

**Pipeline & Tunnels**



**Infrastructure**

**Events**





### Remote CCTV Security Solutions:

- Integrated, rapid deployment CCTV system
- Mains plus up to 15 hours battery back-up
- PTZ camera with infra-red and white light up to 100m range
- Connect with multiple radio PIR detectors
- Digital video recorder
- Audio challenge facility
- Multiple anti-tamper mechanisms
- Extendable mast up to 7.5m
- BS8418:2015 compliant
- Field proven
- Fully accredited Remote Video Response Centre (RVRC) provides 24/7/365 operation and response
- 3G/4G connectivity to RVRC
- Site-based network capability

### JCB Smart Tower Options:

- Hydrogen fuel cell power option for stand-alone operation with zero emissions
- Additional remote PIR detectors for cost effective site wide protection
- Thermal imaging camera option dramatically reduces false alarms from bushes, trees, objects blowing in the wind and wildlife. Zero-light operation giving optimum operation in rain, snow, fog, smoke and mist

**“Maximise Protection  
Minimise Cost”**





## Technical Specification

System Features	JCB Smart Tower
Vandal resistant pan-tilt-zoom (PTZ) camera (IP68)	✓
White light illumination	✓
Infra-red (IR) illumination	✓
Up to 32 wireless alarm detectors with configurable PTZ pre-sets	✓
Thermal detection and video capture camera	Optional
Live audio challenges	✓
Up to 30-day digital recording via SD card	✓
Off-site video alarm transmission	✓
Remote monitoring	✓
On-site viewing	Optional
Uninterruptible power supply (UPS)	✓
External battery packs	Optional
Low battery warning via monitoring station	✓
Mains failure warning via monitoring station	✓
Tilt and tamper alarm	✓
Anti-climb spikes	✓
3G, 4G & Wi-Fi connectivity	✓
Site based network	Optional
Keypad operation	Optional

Specifications		
Power	Power options	Mains (90-305V AC), 24VDC, hydrogen or generator
	Operating power	135W
	Backup power (UPS)	Up to 15 hours
	UPS charge time	Less than 7 hours via mains
Weight and dimensions	Tower weight	295kg
	Base size	1m x 1.1m
	Base size with stabilisers	1.5m x 1.5m
	Tower height delivered	3.2m
	Tower height operational	7.5m
Environmental	Storage temperature range	-10°C to +40°C
	Operating temperature range	-10°C to +40°C
	IP rating	IP65
	Wind loading	110 mph



Free site surveys  
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## Accreditations



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DS-SS2016-V01