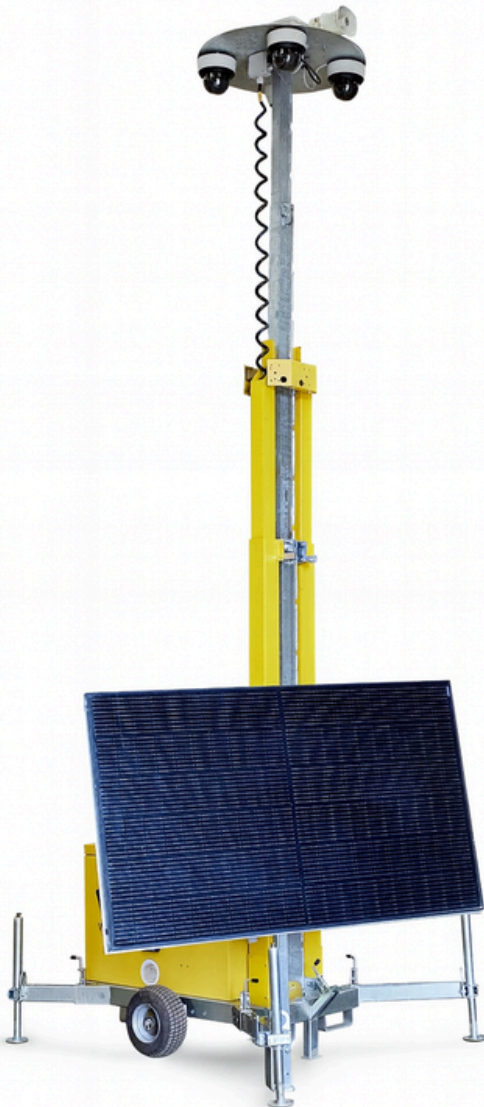


WCCTV SMART TOWER



- 3x HD IP 23x zoom PTZ camera with 60m IR illumination zoom
- 1x drop camera
- Field of view 40m square per camera
- 2x speakers for audio challenge with zero interference



- Provides invisible asset protection
- Embedded internal analytical engine
- 7m retractable mast
- Remotely adjustable analytics
- Easily moved by site personnel when required
- Continuous and event recording for last review



- Embedded high speed 4G / 5G connectivity or Wi-Fi / Sat comms
- Power loss, tamper and shock alarms
- Battery back-up activation and alarm raised on power disconnection
- Environmentally friendly solution
- Up to 100-hour battery back up

KEY PRODUCT BENEFITS



Complete
Managed Service



Invisible
Asset Protection



3x HD PTZ with
Smart IR



Up to 100-hour Battery
Back Up Available



GPS Location
Information



Internal
Analytics



Remote Access to
Footage



Live Audio
Challenges



Proactive Site
Protection



Ongoing Health
Check

WCCTV SMART TOWER

Our Smart Tower is a rapid deployment CCTV tower designed to provide security at construction sites, critical national infrastructure facilities, transient jobs or any location requiring remote monitoring where generator power is unavailable.

It is a complete site security solution with intelligent thermal cameras and is powered by a long-run battery offering up to a 100 hours of backup power. This will allow the unit to run autonomously overnight or over weekends, meaning you can shut down generators and help your sites save on fuel, noise and pollution. The WCCTV Smart Tower is provided with hybrid powering options of solar power, methanol fuel cells or long-run batteries, allowing you to deploy the most suitable unit for your compounds.

As an all-in-one surveillance solution, the system contains wireless transmission (4G/5G) of video and alarms and includes a 3x HD IP 23x zoom PTZ camera with 60m IR illumination zoom. Each camera has a field of view of 40Sq/M, audio speakers to enable a remote challenge and local recording capability for storing evidential footage.

The WCCTV Smart Tower is a truly rapid deployment security system with a small footprint for compound security. It can be installed and fully operational in just a few minutes - making it the ideal security solution for temporary, mobile or semi-permanent applications.

The WCCTV Smart Tower can be provided as a standalone solution or as part of a fully managed site security service - including survey, installation, monitoring, maintenance, redeployment and 3rd party critical holder escalation. The Smart Tower is available on a sale or rental basis.

OPTIONAL ADD-ONS



Site Condition Monitoring

Add environmental sensors to track dust, noise, vibration, air quality and weather on your site.



Time Lapse Camera

Capture high-quality time lapse footage alongside your security coverage to track & document progress.



Remote Monitoring

Operators review footage in real time, verify activations and issue audio warnings through the towers speaker.



Mobile Keyholding

If an incident occurs out of hours, a licensed responder attends site, investigates the trigger and reports back.

EXAMPLE APPLICATIONS



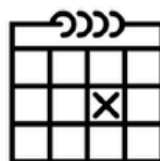
Utility Site Security



Asset Protection on Remote Sites



Construction / Demolition



Temporary Works Security



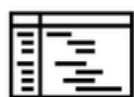
Highways



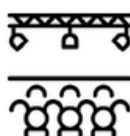
Gas Site Security



Environmental Agency



Project Management



Major Public Events Safety



Health and Safety Review



Rail Security



Electrical Site Security

PRODUCT SPECIFICATION

General	Dimensions (HxWxD)	7200mm x 1400mm x 1570mm - deployed
	Operating Temperature Range	-40 to +50°C
	Autonomous Power	110-240 Volt input (mains powered)
	Power Consumption	42W nominal consumption / 600W full charge
	Weight	500KG
	Software Upgrade	Internet / 4G / back to back PC
	Warranty	12 months warranty with options for extended warranty
Video	Video Inputs	3 PTZ cameras and a drop camera
	Operation	Simultaneous live, record, playback, remote access
	Optical / Digital Zoom	23x / 16x
	Resolution of Camera	Up to 1080p
	Maximum FPS	25
	Recording	Proprietary narrowband algorithm
	MultiMode (Recording Algorithms)	Dynamically changes record rates and compression settings
	Snapshot Video Clip	Yes
	Video Motion Search	Yes
	Archive Protection	Yes - protect against overwrite
	Wireless Communication	4G / 5G
	IR Range	60m
	Thermal Detectors	Up to 2TB
Storage	Internal Capacity	Removable SATA hard disk drive
	HDD Types	4G/ network / optional removable SATA hard disk drive
	Export	Alarm log, event search, pre-event recording
Alarms	Alarm Function Support	Yes - To a remote site via email & managed monitored service (ARC)
	Alarm Reporting	Yes or Network / 4G / 5G
	Display Alarm on PC Monitor	Battery back up to five days
	Video Motion Detection	Yes
Networking	Remote PTZ Control	Yes
	Bandwidth Management	Yes
	Remote Administration	Yes
	Remote PC Client	Client Software Free Download
	Remote Web Browser Client	Viewing
	Password Protected	Yes
	View Application for Smartphone / Tablet Compatible	Yes

WCCTV has offices across the UK. To find out more about WCCTV Eco Tower please contact our UK Head Office:

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