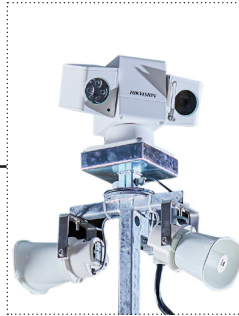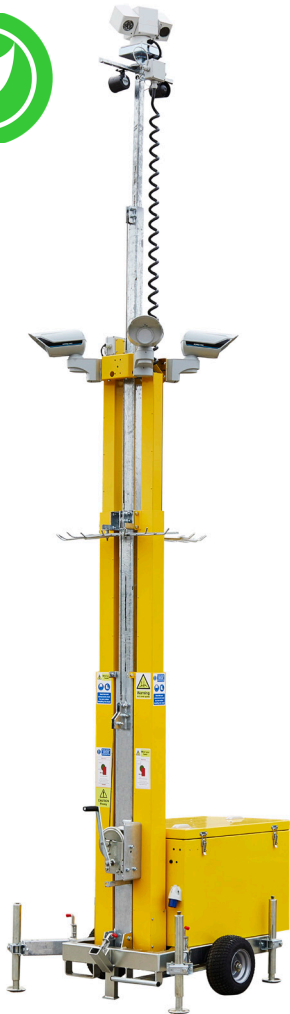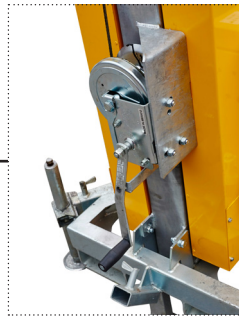# WCCTV HD ECO SITE TOWER

- 2 x speakers for audio challenge with a 100Volt line amplifier
- Optional fixed HD or thermal cameras (up to 3)
- Protective metal wire casing
- HD IP 23x zoom PTZ camera with 200m IR illumination zoom
- Optional Time Lapse camera

- Multiple motion detectors up to 100m with anti-creep technology in each direction
- Provides an invisible perimeter
- Embedded internal analytical engine ideal for fixed camera detection
- 7m retractable mast

- Embedded high speed 3G/4G connectivity or Wi-Fi/Sat comms Power loss, tamper and shock alarms
- Battery back-up activation and alarm raised on power disconnection
- Environmnetally friendly solution
- 150-hour minimum battery back up
- Solar options available

KEY PRODUCT BENEFITS

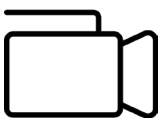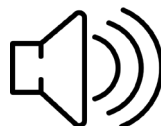|				
Complete Managed Service	Invisible Perimeter	HD PTZ with Smart IR	Solar/Eco Options Available	GPS Location Information
Multiple Camera Inputs	Remote Access to Footage	Live Audio Challenges	Proactive Site Protection	Ongoing Health Check

WCCTV HD ECO SITE TOWER

WCCTV's HD Eco Site Tower is a rapid deployment CCTV tower designed to provide security at construction sites, Critical National Infrastructure facilities or any location requiring remote monitoring where generator power is available. It is a complete site security solution with all the same features as the WCCTV HD Site Tower, but is powered by a long-run battery offering up to 150-hours of back-up power.

This will allow the WCCTV Eco Site Tower to run autonomously overnight or over weekends, meaning you can shut down generators and help your sites save on fuel, noise and pollution.

As an all-in-one surveillance solution, the system contains wireless transmission (4G/3G and Wi-Fi) of video and alarms, an HD infrared, 360° pan, tilt and 36x zoom camera to allow a remote operator to capture images of any potential intruders, audio speakers to enable a remote challenge to occur and local recording capability for the storage of evidential footage. The WCCTV Eco Site Tower is a truly rapid-deployment CCTV system, meaning it can be installed and fully-operational in just a matter of minutes - making it the ideal security solution for temporary, mobile or semi-permanent applications.

Its multiple motion detectors, audio speakers backed by high-end alarm monitoring and response effectively eliminate the need for costly manned guarding, reducing security costs by up to 86% without compromising on quality or reliability.

The WCCTV Eco Site 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 key holder escalation.

PRODUCT VARIANTS

HD Thermal Smart Tower

Designed locations with complex detection areas

HD Solar Fuel Cell Tower

Off-grid sites where no mains or generator power are available

Network Rail Tower PADS Approved

Designed for surveillance at track side, level crossing and depots
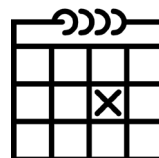
EXAMPLE APPLICATIONS

Utility Site Security

Asset Protection on Remote Sites

Construction/ Demolition

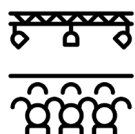Temporary Works Security

Highways

Gas Site Security

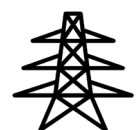Environmental Agency

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	-50 to +50°C
	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	Up to 4
	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
	MutiMode (Recording Algorithms)	Dynamically changes record rates and compression settings for the camera
	Snapshot Video Clip	Yes
	Video Motion Search	Yes
	Archive Protection	Yes - protect against overwrite
	Wireless Communication	Supported via suitable interface - GSM, GPRS, UMTS, HSDPA, HSDPA, HSCSD, CDMA, 3G, 4G LTE
	IR Range	200m
	Wireless Detectors	Up to 8
	Wired Detectors	Up to 4 with multiple zones
Storage	Internal Capacity	Up to 4TB
	HDD Types	Removable SATA hard disk drive
	Export	4G/ network / optional removable SATA hard disk drive
Alarms	Alarm Function Support	Alarm log, event search, pre-event recording
	Alarm Reporting	Yes - to a remote site via email
	Display Alarm on PC Monitor	Yes or Network / 4G
	Low Battery Alarm	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 HD Eco Site Tower please contact our UK Head Office:

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bsi. ISO/IEC 27001 Information Security Management — IS 687662

bsi. ISO 9001 Quality Management — FM 99538

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