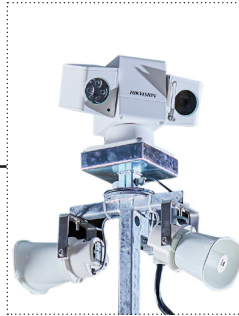
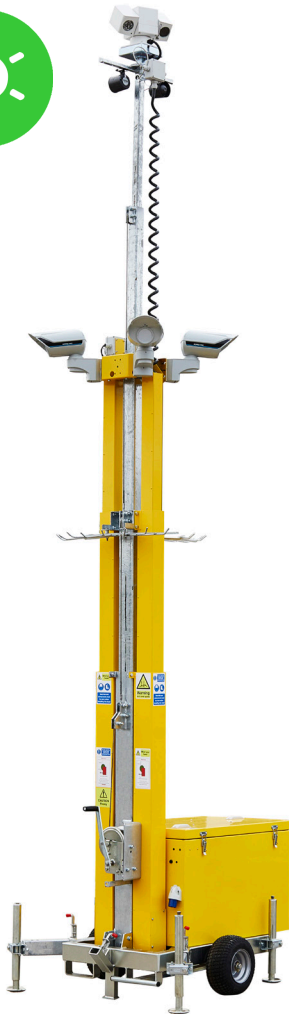


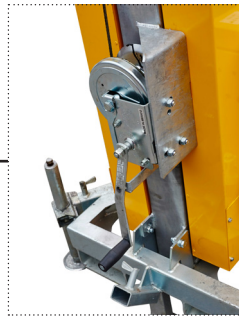
# WCCTV HD THERMAL SMART TOWER



- 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
- 2 x industry-leading ruggedised PTZ camera with IR capability
- Multiple thermal detection cameras
- High accuracy alarm detection rules

## KEY PRODUCT BENEFITS



Complete Managed Service



Invisible Perimeter



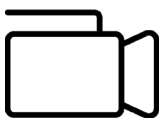
HD PTZ with Smart IR



Solar/Eco Options Available



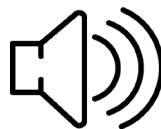
GPS Location Information



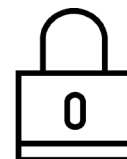
Multiple Camera Inputs



Remote Access to Footage



Live Audio Challenges



Proactive Site Protection



Ongoing Health Check

# WCCTV HD THERMAL SMART TOWER

WCCTV's HD Thermal Smart Tower is a rapid deployment CCTV Tower designed for security applications at large construction sites or critical national infrastructure locations with complex detection areas. The system is comprised of a WCCTV HD Fuel Cell Tower with additional thermal imaging cameras and/or a thermal infrared PTZ camera with edge analytics running high accuracy alarm detection rules.

Its high accuracy detection and low false alarm rates mean the Smart Tower is fully approved for CPNI security applications but is also the ideal security system for large construction sites where cable jointing, OHL/OLE and cable trenching work are occurring.

The Smart Tower also contains wireless transmission (4G/3G and Wi-Fi) of video and alarms, a market-leading HD PTZ 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 HD Thermal Smart Tower is a truly rapid-deployment CCTV system, meaning it can be installed and fully operational in just a matter of minutes.

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.

As an autonomously powered system, it is suitable for deployment in even the most remote locations without any supporting infrastructure.

## PRODUCT VARIANTS



HD Eco Tower

Charge battery during working hours and turn off the generator out of hours



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



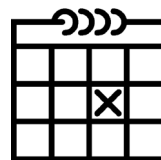
Utility Site Security



Asset Protection on Remote Sites



Construction/Demolition



Temporary Works Security



Highways



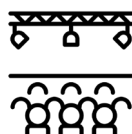
Gas Site Security



Environmental Agency



Project Management



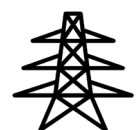
Major Public Events Safety



Health and Safety Review



Rail Security



Electrical Site Security

# PRODUCT SPECIFICATION

|            |   |   |
|------------|---|---|
| General    | Dimensions (HxWxD)                                | 7200mm x 1400mm x 1570mm - deployed   |
|            | Operating Temperature Range                       | -20 to +50°C  |
|            | Power   | 110-240 Volt input (mains powered)  |
|            | Power Consumption                                 | 42W nominal   |
|            | Weight  | 372KG   |
|            | 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  |
|            | Thermal Detectors                                 | Up to 2 fixed cameras   |
|            | Storage   | Internal Capacity   |
| 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   |
|            | 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 in Greater Manchester, Edinburgh, Luton and Newport. To find out more about WCCTV HD Thermal Smart Tower please contact our UK Head Office:



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We invest in people Gold

