

# WCCTV TRAFFIC TOWER



## KEY PRODUCT BENEFITS



Complete Managed Service



Intelligent Detection



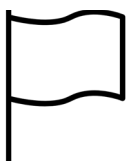
2 Fixed Cameras & 1 PTZ



Autonomous Solar Power



Remote Reboot



Traffic Detection



Multiple Alert Detection



4G Connectivity



Proactive Traffic Monitoring



Ongoing Health Check

# WCCTV TRAFFIC TOWER

WCCTV's Traffic Tower is a rapid deployment autonomous CCTV Tower designed to provide intelligent traffic monitoring. The 7m tall, bright yellow Tower assists with detecting issues alongside motorways or carriageways enhancing safety for motorists and highway workers.

This all-in-one solution includes integrated 4G transmission of video and alarms, two fixed cameras for analytic notification and a PTZ camera for traffic incident investigation with local recording capability storage of footage.

As a truly rapid-deployment CCTV system, the WCCTV Traffic Tower can be installed by on-site staff with remote commissioning by WCCTV and be fully operational in just a matter of minutes.

This proactive camera system expand the conventional use of traffic cameras and CCTV to provide real-time analysis, trigger warning when there is unexpected movement, unauthorised vehicles or humans are detected.

The key for this solution is that it delivers active, real-time, 24/7 intelligent analytics to give planner the valuable information required to make quick realistic decisions.

The WCCTV Traffic Tower can be provided as a standalone solution or a traffic management and alert service.

The Traffic Tower is available on a rental basis.

## WCCTV TOWER RANGE



HD ECO Site Tower

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



TSO Tower

Ultra rapid-deployment CCTV unit designed to enhance security for compounds



Solar Fuel Cell Tower

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

## EXAMPLE APPLICATIONS



Stopped Vehicle Detection



Danger To Life



Traffic Jams



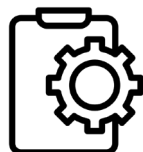
Object Detection



Vehicle Incursions



High Collision Risks



Project Management



Slowing Traffic Detection



Speeding



Lane Blockage

# PRODUCT SPECIFICATION

|                |                                  |   |
|----------------|----------------------------------|---|
| General        | Dimensions (HxWxD)               | 7000mm x 2200mm x 2100mm  |
|                | Operating Temperature Range      | -40 to +50°C  |
|                | Power                            | Internal charger 110v / 240v / Internal 40A charger   |
|                | Weight                           | 500KG   |
|                | Software Upgrade                 | Internet / 4G / back to back PC   |
|                | Warranty                         | 12 months warranty with options for extended warranty   |
| Video          | Video Inputs                     | 2 fixed cameras with fusion image technology and colour / BW / thermal cameras & 1 PTZ camera   |
|                | Operation                        | Simultaneous live, record, playback, remote access  |
|                | Resolution of Camera             | Up to 1080p   |
|                | Maximum FPS                      | 25  |
|                | Recording                        | Proprietary narrowband algorithm  |
|                | MultiMode (Recording Algorithms) | Dynamically changes record rates and compression settings for the camera  |
|                | Snapshot Video Clip              | Yes   |
|                | Event Recording                  | Yes   |
|                | Wireless Communication           | 4G  |
| Storage        | Internal Capacity                | Up to 128GB per camera  |
|                | HDD Types                        | Removable SD Card   |
|                | Export                           | 4G / Network  |
| Alarms         | Alarm Function Support           | Alarm log, event search, pre-event recording  |
|                | Alarm Triggers                   | Danger to life alert - person on hardshoulder / carriageway<br>Vehicle detection alert / service lane incursion<br>Stopped vehicle detection<br>Slowing traffic detection |
|                | Alarm Reporting                  | Yes - via remote monitoring centre  |
|                | Display Alarm on PC Monitor      | Yes   |
| Networking     | Video Motion Detection           | Yes   |
|                | Remote Administration            | Yes   |
|                | Remote Commissioning             | Yes   |
|                | Password Protected               | Yes   |
|                | 4G Enabled                       | Yes   |
| Remote Viewing | Yes                              |   |

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



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