

The WCCTV 4G Auto Tracking Dome

Wireless CCTV (WCCTV) is a market leading provider of rapidly deployable, portable CCTV and surveillance systems. The systems operate over wireless technologies including 4G, 3G and CDMA mobile phone technology as well as satellite, Wi-Fi and broadband networks. This makes the systems ideal for redeployable solutions in temporary, mobile or semi permanent situations.

Live and recorded video images can be viewed from a dedicated monitoring station, laptop, PDA, iPhone, iPad or Android device. Up to six separate connections can be made simultaneously to any system. So it's not just a portable camera system, you have portability in how you view those images.

The WCCTV 4G Auto Tracking Dome

Wireless CCTV's re-deployable 4G Auto Tracking Dome can be deployed in any location, and is ideal for rapid installation and temporary surveillance applications.

The Dome system is an integrated camera with an intelligent analytics engine and a transmission unit. Users can remotely configure the analytics and track, amongst other things, people, groups of people or vehicles within an area over a pre-defined period of time.

Using advanced behaviour recognition technology, the system can analyse live video content and generate alarms and/or data reports based on the requirements of the deployment.

When activity is detected in a pre-defined zone, the camera automatically tracks movement for the set period of time, and, if required, will send an email alert to the operator before returning to its home position.

Video clips of activities are stored on the system's removable hard drive to be viewed at a later date, or archived for evidential purposes.

The system can assist operators by reducing the requirement for continual manual focus, or make better use of unmanned systems through its advanced analytics capabilities. The system does not require operators to be constantly viewing the system.

Pre-defined rules can be changed remotely by operators if information gathering requirements or objectives alter, or following the re-deployment of the system to a new location.

The system contains a self-checking diagnostic programme which, amongst other things, enables the system to automatically reset itself following power spikes or network failure.



Features & Benefits

- Truly compact 'one box' solution with space saving camera mounting
- Weatherproof housing
- 360° field of vision
- Remote control with full pan, tilt and zoom functionality
- Remote access to live and recorded digital footage
- Rapidly re-deployable
- 4G, 3G HSUPA, 3G HSDPA, 3G UMTS, GPRS, Wi-Fi and IP connectivity
- Unlicensed software, unlimited users at no additional cost

Possible Applications

- Crime and disorder hotspots
- Anti-social behaviour
- Traffic monitoring
- Temporary monitoring - events, road works
- Town centre applications
- Information gathering

Transmission Methods

The variety of cutting edge transmission methods provided by WCCTV makes the product portfolio extremely flexible and cost effective.

WCCTV utilise their expertise in telecoms and CCTV to provide state of the art products and systems which are capable of operating over multiple remote transmission media.

Every WCCTV dome product contains 4G mobile technology (with automatic fall-back to HSUPA, HSDPA, UMTS and GPRS) plus an additional transmission medium to maximise flexibility and portability.

This unique approach provides the ability to transmit fluid, high-resolution images wirelessly without geographical restrictions, making Wireless CCTV equipment ideal for both long and short term, overt and covert operations.

Each WCCTV system has an IP address allowing it to utilise broadband technology. The WCCTV 4G Auto Tracking Dome can also be operated on private networks as a LAN-only solution.

All WCCTV 4G Dome systems have Wi-Fi technology built in as standard, which enables cost-free, high speed downloads up to 100m away from a Wi-Fi enabled laptop.

As an optional extra it is possible to request long range Wi-Fi, which enables cost-free live monitoring up to 2km (line-of-sight) away from a broadband access point.

Installation

The WCCTV 4G Auto Tracking Dome unit weighs under 8kg (including bracket) and can be attached to the side of a building, but is more commonly fastened to a column or street light.

The unit can be powered using 100 - 240 Volt AC from the mains supply, or 12 Volt DC. The units can be installed within 20 minutes and redeployed easily.



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