

# WIRELESS CCTV

## Utility Site Security & Surveillance



# Wireless CCTV



WCCTV is the UK's leading provider of site security systems for utilities and critical national infrastructure sites, including power stations, clean and wastewater treatment sites, wind farms, pipelines, nuclear power plants and gas terminals.



WCCTV provides electronic security systems, time lapse video production, onsite communications, body worn cameras for lone workers, or the complete package, on a sale or rental basis.



We pride ourselves on our market-leading position, supplying our own manufactured product and a service which starts at site survey, right through installation, maintenance, alarm response and monthly reporting, detailing onsite events and speed of action from the WCCTV team.



The quality, reliability and competitive pricing of our site security services are the reason why we have more active systems nationwide with leading construction and demolition companies than any other supplier.

## WCCTV Redeployable Domes

WCCTV's Redeployable Domes are all-in-one surveillance systems that combine local recording, wireless transmission and an industry leading pan, tilt and zoom camera into one compact and portable unit.

Transmission options include 4G, 3G and Wi-Fi, allowing users to access live and stored images remotely via mobile viewing devices (smartphone, tablet, laptop and PC) or via a monitoring centre.

The systems are ideal for temporary, mobile and permanent applications including project overview, health and safety, asset monitoring, metal and cable theft, trespassing and vandalism.

### Features and Benefits

- Rapidly redeployable
- Up to 50m IR illumination
- Inbuilt video analytics and auto-tracking capability
- Compact one-box solution
- Remote control with full pan, tilt and zoom functionality
- Remote access to live and recorded digital footage
- 360° field of vision
- 4G, 3G and Wi-Fi connectivity
- High Definition (up to 1080p)







## WCCTV Site Tower

WCCTV's Site Tower is a Rapid Deployment CCTV system designed to provide complete security for construction sites, utility sites or any location where temporary monitoring is required.

The 7m tall, bright yellow Site Tower provides a highly-visible deterrent, helping to prevent trespass and intrusions on to sites.

As an all-in-one surveillance solution, the system contains wireless transmission (4G/3G/Wi-Fi) of video and alarms, a heavy duty infrared PTZ camera to allow a remote operator to capture images of any intruder, audio speakers to enable a remote challenge and local recording capability.

The WCCTV Site Tower can be installed and fully-operational in just a matter of minutes ensuring your sites are protected.

Its flexible methods of powering make it suitable for deployment in even the most remote locations, without the requirement for any supporting infrastructure. Powering options include:

- Mains – 110/240v
- Eco long-run 150hr battery - allowing generator shutdown at nights/weekends
- Methanol fuel cell - autonomous power for up to 10 weeks

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.

## Features and Benefits

- Proactive site protection and monitoring
- Visible deterrent to would-be intruders
- Up to 86% cheaper than manned-guarding
- Fully manufactured by WCCTV
- Wireless detectors provide an invisible perimeter
- Industry-leading ruggedised PTZ camera with IR capability
- Multiple powering options for optimum flexibility
- Battery back-up activated on power disconnection
- Audio functionality
- Low battery, loss of power and tamper alerts
- 4G, 3G and Wi-Fi connectivity
- Remote access to evidential recorded digital footage
- Ongoing health checks



# Wireless CCTV



## WCCTV Body Worn Camera (Record)

WCCTV's Body Worn Camera (Record) is designed and manufactured in the UK, and boasts a range of market-leading functionality.

With resolutions of up to 1080p, and all recordings capturing vital metadata such as date, time, device number and user details, you can be assured of evidential integrity.

The unit contains inbuilt Wi-Fi capability to provide live video transmission and wireless downloading of footage when in range, and the functional design of the device lends itself to ease of use - with a simple one-button record mechanism.

Its 2.8" front-facing screen is proven to reduce conflict and aggression, and the 120 second pre-event recording buffer ensures incidents are not missed.

### Features and Benefits

- In-built Wi-Fi capability
- Up to 17 hour battery life
- Local recording up to 128GB providing
- Durable housing - IP65 rated



## WCCTV Body Worn Camera (Connect)

The multi-award-winning WCCTV Body Worn Camera (Connect) provides live transmission of video, two way audio, real-time alerts and GPS information via 4G, 3G and Wi-Fi connectivity.

This enables the remote connection to a body worn camera in the field, allowing an operator to view live video, communicate with the wearer and understand their position via GPS.

Alternatively, the wearer of the device can send an alert back to a control room, monitoring station or command centre with their live video, GPS location details and a request for assistance.

The WCCTV Body Worn Camera (Connect) is a single unit, with no external cables, battery packs, transmission units or tethering.

### Features and Benefits

- Live transmission via 4G LTE and Wi-Fi
- Reduce requirements for site visits
- Improved safety for lone workers
- Multiple health and safety applications

# 4G



## WCCTV Site Dome

WCCTV's 4G Site Dome is specifically designed to provide all-in-one site security for construction, utility and remote sites.

The system is designed for rapid-deployment and combines an infrared PTZ camera, wireless transmission (4G, 3G or Wi-Fi), a voice address system and an integral hard drive (up to 4TB) for evidential video recording into a single easy to install unit.

It can be connected with up to 8 wireless PIR detectors, creating an invisible perimeter around your site. When motion is detected, an alarm is transmitted to the user who can remotely view live images from the site, issue an audio challenge via the speaker system and liaise with key-holders, guards or the police.

### Features and Benefits

- Site protection and monitoring
- Up to 8 wireless detectors provide an invisible perimeter
- Battery back-up activated upon power disconnection
- Alarm is raised on power disconnection
- Remote access to live and recorded footage
- 4G, 3G and Wi-Fi connectivity



## HD Time Lapse Video Production

WCCTV can provide High Definition Time Lapse Video production of your construction or demolition projects, either as a standalone service or as an addition to our complete site security services.

We'll create the video based around your specifications - let us know the length of project, key elements and we'll take the time to ensure you have a time lapse video that captures your project perfectly.

### Features and Benefits

- Any project length, see your construction, demolition or refit projects come to life
- Showcase your projects and celebrate the achievements of your teams
- Ideal for presentations, board room meetings, websites, blogs and social media
- Communicate with stakeholders and senior management and drive public engagement
- High PR value
- Project management value - review your efficiency



## Case Study: ATC Systemwide - Crossrail

UK Power Networks is one of the largest distribution network operators in the UK, covering an area of approximately 30,000km extending from The Wash in the East to Littlehampton on the Sussex coast, delivering power to about eight million customers.

It is responsible for maintaining and improving the network, ensuring that there is adequate capacity to support the needs of its customers as well as providing a connections service.

Security of the network is a top priority for the company, but occasionally substations can be targeted by thieves and vandals causing potential widespread disruption and inconvenience.

UK Power Networks wanted to protect their sites using a thorough but economical method, so they turned to a technology based solution. Wireless CCTV was invited to complete surveys of the substations and provide a bespoke proposal to provide perimeter detection.

This led to UKPN opting to deploy a number of WCCTV's Tower products across their sites to provide a cost-effective, reliable and 24/7 security solution. Along with the Towers, WCCTV arranged for the provision of monitoring, installation, maintenance and on-going redeployment of the Towers.



"We have been impressed with the quality of products and services provided by WCCTV, they have successfully detected intrusion and prevented disruption to our sites, therefore preventing the disruption of electricity supplies to our customers".

**UKPN**

To find out more about WCCTV Site Security or to arrange a live demonstration please contact one of our UK offices:

**Head Office:**

Wireless CCTV Ltd  
Charles Babbage House,  
Kingsway Business Park,  
Rochdale,  
OL16 4NW

t: +44 (0) 1706 63 11 66  
f: +44 (0) 1706 63 11 22  
e: sales@wcctv.com

**Southern Office:**

Wireless CCTV Ltd  
Unit 3,  
Scott Road,  
Luton,  
LU3 3BF

t: +44 (0) 1442 50 30 00  
e: sales@wcctv.com

