



WCCTV

Traffic Management and Highways CCTV

Protecting Your Highways with WCCTV's Advanced Surveillance Solutions

WCCTV provides rapid deployment CCTV systems for traffic management projects, enabling live visibility, safety monitoring and incident detection. Our systems are fully portable, don't require fixed infrastructure and are trusted by leading traffic management firms and local authorities.

Managing traffic during roadworks, lane closures or infrastructure upgrades is a complex and high-risk task. Delays, driver frustration and unsafe behaviours are all common issues that can escalate quickly. National Highways reported over 3,500 incidents involving incursions into traffic management zones in a single year.

WCCTV supports traffic management contractors with portable, live-monitored CCTV systems that deliver clear site visibility, detect unsafe behaviour and capture evidence of breaches. With proven reliability and decades of experience, we help teams operate safely and compliantly.

Why choose WCCTV?

- **Market-leading** wireless CCTV solutions
- **Fully-Managed Service**
- **24/7/365** remote monitoring
- **Rapid Deployment & Nationwide Support**
- **Integrated AI analytics**
- **Cost effective** alternative to guarding
- **Solar & battery** powered options
- **Integrated solutions for full-site coverage**

At WCCTV, we leverage over 20 years of industry expertise, cutting-edge technology and a comprehensive range of wireless surveillance solutions to deliver a rapid and effective security response tailored to your traffic management needs.

Reduce Security Costs by up to

88%





Rapid Deployment CCTV Towers

Our rapid deployment CCTV towers support traffic management and highways projects of every scale, from one-night diversions to long-term roadworks and major infrastructure upgrades.

They provide instant security and live oversight wherever you need it. Standing 7m tall, each unit is fitted with a high-definition PTZ camera, powered by solar and backed by 4G connectivity for remote access and live monitoring.

Once installed, the towers act as a highly visible deterrent to trespass, theft and anti-social behaviour. They also capture a full view of the working area to support workforce safety, traffic flow, dispute resolution and post-incident reviews.

Our systems operate without hardwiring, on-site internet or permanent infrastructure. That means we can deploy them anywhere, even in remote locations or on fast-moving schemes.



Our ultra-reliable managed security services can save up to **88%** when compared with the cost of traditional guarding services, without compromising results.

We back our CCTV systems with a **full service** that includes installation, maintenance, alarm monitoring, connectivity, support and ongoing reporting.

With our camera **rental options**, you only need to pay for security when needed. No need to worry about transporting the Towers from job-to-job: we'll deliver and take it away.

At **6m tall** and **bright yellow**, our CCTV Towers are an unmistakable presence on your sites - warning intruders that your site is under our watchful eye.

CCTV Systems for Traffic and Highways



Traffic Tower

The WCCTV Traffic Tower is a mobile CCTV system designed specifically for highways and carriageway environments.

[> Learn More](#)



Solar Fuel Cell Tower

The WCCTV Solar Fuel Cell Tower is a self-powered CCTV unit for remote sites, running without mains power or generators.

[> Learn More](#)



Body Cameras

The WCCTV Body Camera - Protect forms an essential part of the overall safety toolkit for frontline, public-facing workers.

[> Learn More](#)

CCTV Systems for Traffic and Highways



4G IR Mini Dome ANPR

Our systems can be equipped with ANPR technology to support vehicle monitoring, enforcement and access control.

[> Learn More](#)



4G IR Mini Dome

A compact redeployable CCTV camera that combines full PTZ functionality, infrared night vision and mobile connectivity.

[> Learn More](#)





Redeployable CCTV Cameras

WCCTV's redeployable cameras provide a flexible, cost-effective way to monitor and secure active traffic management sites, temporary traffic control setups and high-risk locations.

These pole-mounted systems are easy to move and reposition as works progress, providing coverage exactly where it's needed. They deliver high-definition footage that can be viewed in real-time via our secure desktop and mobile platforms.

Common uses include monitoring lane closures, traffic build-up, workforce safety and temporary traffic light setups. Cameras can also be deployed for site security out of hours, deterring theft, vandalism and unauthorised access.

The systems require no fixed cabling, operate over 4G and can be integrated with remote monitoring or reviewed retrospectively using onboard video storage.

Our Redeployable Cameras can be installed and operated in **under 20 minutes**, providing a dynamic response to emerging and developing crime patterns.

WCCTV's unique **mobile transmission technology** allows you to access footage from your cameras via our desktop software and smartphone app anytime, anywhere.

All of our redeployable units feature **three** additional input channels, allowing for bolt-on solutions such as **ANPR** cameras and blue light alarms to be added.

With our cameras we provide a built-in remote diagnostics tool, **WCCTV Heartbeat**, which continually checks the camera is performing to optimal levels.

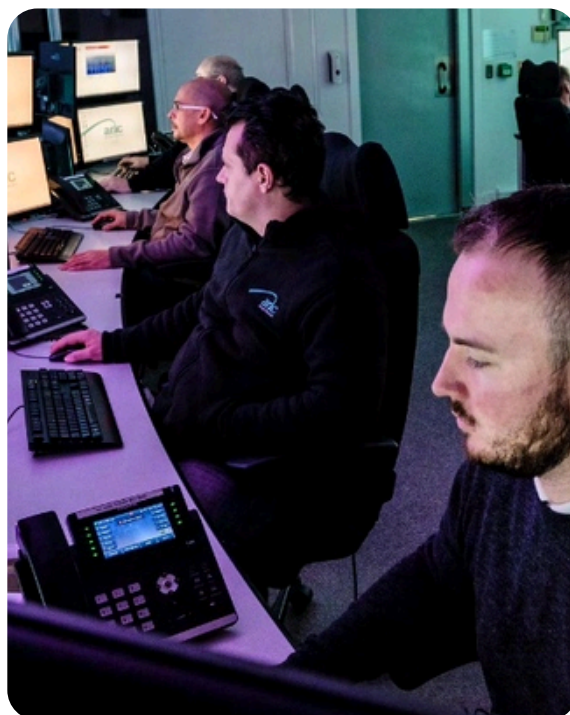


Remote Video Monitoring

Our Remote Monitoring service allows security cameras to be closely monitored by a team of professionals who can issue real-time audio alerts and dispatch police where necessary, ensuring your premises and assets are completely protected when you're not there.

Our cameras contain automatic detection capability, so any intrusions are immediately flagged to our monitoring team. This initiates a remote crime prevention process, which includes live audio challenges and the despatching of police or security personnel to protect your property and assets.

The security cameras video stream is sent directly to an Alarm Receiving Centre (ARC) or monitoring station. A team of security professionals will receive an alarm from your site and immediately review the footage to verify the alarm then take appropriate action. Monitored Rapid Deployment CCTV is a cost-effective security solution, cutting costs by 88% while ensuring 24/7 protection.



Our partner monitoring station provides a detailed report of **any incidents** taken place at your locations and give details on what action was taken - including speed of action.

Cheaper doesn't mean less effective. Our monitored CCTV systems are **always alert, always on guard** and can spot criminals even in complete darkness.

If an intrusion is detected at your site, a remote CCTV operator can activate the inbuilt blue lights, siren and voice-down systems on a Site Tower, acting as a **proven deterrent.**

Our partner monitoring station is an **NSI Gold Approved** UK-based Alarm Receiving Centre (ARC), operating sites 24 hours a day, 365 days a year.



Body Worn Cameras

WCCTV's body worn cameras are widely used across the traffic and highways sector to support lone workers and protect personnel involved in traffic flow control, temporary lane closures and incident response.

We provide a complete solution for Body Worn Video applications, including award-winning Body Cameras, digital evidence management software and range of mounting and charging accessories. We manufacture and support all of our cameras and software in the UK, allowing us to provide an end-to-end managed service that helps our clients protect their staff and secure vital video evidence.

Our cameras are used by frontline traffic management operatives, utility workers and highways response teams to:

- Record interactions with the public or road users
- Deter instances of abuse or aggression
- Improve health and safety compliance
- Provide video evidence to support investigations

The distinctive forward-facing screen on WCCTV's body cameras plays a significant role in **de-escalating conflict**. Individuals behave better when recorded.

Small, discreet and lightweight, WCCTV's body cameras are **barely noticeable** to the wearer once they are attached. Despite the size, it contains market leading features.

The device's **1080p video recording** capability means you will capture high-quality video evidence, whether for police investigations or training employees.

The optional extended battery pack easily clips onto the bottom of the Body Camera, providing an additional **8 hours of run time**, making it ideal for long periods.



Time Lapse Video Solutions

WCCTV provides high-quality Time Lapse Video filming services to construction and demolition sites that help bring your projects to life and document your unique journey. Our team of professional engineers and video editing experts will work closely with your team to understand your objectives and key milestones to ensure you receive a video that captures your project perfectly.

A key feature of our time lapse solutions is the ability to access live footage remotely. Through our intuitive mobile app and desktop software, clients can monitor ongoing work from any location, facilitating real-time oversight and timely decision-making.

Understanding the dynamic environments of construction sites, WCCTV's Time Lapse Cameras are designed for autonomous operation. They can function independently of external power sources and internet connectivity, making them versatile for various site conditions.



WCCTV's specialist Time Lapse Video Cameras capture stunning images in ultra-high definition **up to 4k**, helping to bring your projects to life like nothing else.

Provides you with the ability to keep track of your projects through remote access at any time from anywhere with our **free** mobile app and desktop software.

Following completion of your project, we enhance the footage with **editing services** including adding music, animation, images, text overlays and more.

Time Lapse Videos are an **excellent way of marketing** your construction business through social media and engaging with key stakeholders to keep them engaged.



Site Condition Monitoring Solutions

Site condition monitoring is vital to ensuring your site, the local area and the environment are protected against the dangers created from demolition and construction.

Available with all of our security solutions, our site condition monitoring sensors track key data such as emissions, noise and weather conditions and will trigger alerts if levels are above the predefined rule set by yourself.

They can be attached to our products and offer measurements for:

- Weather conditions
- Decibel levels
- Particle monitoring
- Local Air Quality Management (LAQM)
- Co2 emissions

Their use helps to keep you within safety levels, prevent complaints, and avoid costly fines and work stoppages which can disrupt your construction sites' operations.

With our site condition monitoring, you're able to preset limits to ensure you stay within the safety range specified for your site, protecting the public and environment.

If preset limits are surpassed, our sensors will trigger, promptly informing you of this, so that you can react quickly to resolve the matter and avoid potential fines.

Our IoT sensors help to monitor and track weather conditions, providing you with evidence that can be presented to clients if delays are faced due to this.

Site condition monitoring allows you to maintain positive community relationships, prevent financial penalties, and help keep your construction site on schedule.

Typical Use Cases for Traffic Management CCTV



Temporary Traffic Schemes

WCCTV supports short-term traffic management projects with CCTV systems that monitor temporary roadworks, diversions and closures to improve safety.



High-Speed Road Projects

CCTV is used to monitor fast-moving road environments, helping enforce safety protocols, oversee contractor activity and provide a reliable record of vehicle behaviour.










Major Infrastructure Works

Our systems support complex, long-term infrastructure upgrades, helping reduce disruption, coordinate contractor movements and ensure continuous oversight.



Public Events and Road Closures

Deployed during events such as marathons, parades or festivals, our temporary CCTV units help traffic management teams monitor crowds, and respond to incidents.

Security Solution	Description
 ANPR Cameras	Tracks and records vehicle movements, preventing unauthorised access to construction sites and infrastructure projects.
 Thermal Imaging CCTV	Detects heat signatures for intrusion detection in low-light conditions or fire prevention on construction sites.
 AI Video Analytics	Intelligent surveillance that reduces false alarms, detects unauthorised access and enhances security response times through automated alerts.
 Bodyworn CCTV	Wearable security solutions to ensure the safety of remote and isolated workers, with real-time monitoring and emergency alerts.
 Evidence Software	Our Evidence Management Software (EMS) is designed to provide users with a simple solution for managing digital files captured by a WCCTV Body Worn Camera.
 Software Solutions	Our software allows you to add cameras, control them, create automated tours, receive alerts and view live and recorded footage at any time, anywhere.
 Stellifii Platform	Stellifii is a UK Manufactured 5G-ready platform that combines video streaming with smart city applications in a cloud-based ecosystem.

PROTECT

Body Cameras for Safety & Security






**Stellifii: Smart by Day
Secure by Night**

Stellifii is WCCTV's UK-manufactured platform that delivers mobile surveillance, monitoring and remote insight. It combines video, analytics and IoT data in a powerful, cloud-based ecosystem designed to give users full visibility, intuitive functionality and intelligence.

But it's more than just a Video Management System (VMS) or transmission platform, it's a complete cloud-based ecosystem that transforms how mobile surveillance solutions operate and how users interact with them.

It brings together wireless video connectivity, condition monitoring data, system diagnostics and reporting tools into a single interface that can be accessed at any time from anywhere. Developed completely in-house by WCCTV, Stellifii delivers a comprehensive solution for remote monitoring, control and actionable intelligence. Whether you're monitoring cameras, pulling air quality data or generating a compliance report, Stellifii can do it all.



Stellifii consists of: Safety PPE / Traffic, Smoke & Fire Detection, License Plate Recognition, Environmental Monitoring, Weather Monitoring, Performance Diagnostics, Video Options (IR, PTZ etc), Live Automated Audio, LED Deterrence, Time Lapse, Secure Cloud Software and Mobile Applications.

Stellifii is fully built and managed by WCCTV in the UK. This means faster innovation, direct support and complete control over performance, updates and data security.

Access footage, control settings and generate reports from anywhere. No need for DVRs, server racks or manual retrieval. Just log in and manage your entire network.

Plug in environmental monitoring tools, gather air quality data, check decibel levels or run compliance reports from one platform. Stellifii moves beyond standard security.

Built on UK government-approved infrastructure with AES256 encryption & European or North American components as standard. Fully compliant & future-proofed.

WCCTV: Industry Leader in Traffic Management Security

For over 20 years, WCCTV has been at the forefront of wireless CCTV security, providing industry-leading surveillance solutions that protect construction sites, infrastructure projects and critical assets. Our cutting-edge technology and proven expertise ensure seamless security coverage, reducing the likelihood of reckless driving, unauthorised access and vehicle collisions.



Local Focus, National Coverage

WCCTV are proud to have the infrastructure and capability to offer a full service delivery throughout the UK.

2001	6	20+ years	2000+
Established	UK Locations	Experience	Sites Protected



- Construction
- Vacant Properties
- Critical Infrastructure
- Traffic Management**
- Local Authorities
- Housing Associations
- Rail Networks

Contact Us

James Watt Drive,
Kingsway Business Park,
Rochdale, OL16 4UG

T: +44 (0) 800 470 4630
E (sales): sales@wcctv.com
E (technical): support@wcctv.com

