

WCCTV Network Rail Type Approved Tower

(PADS Number PA05/04778)

Wireless CCTV is a market leader in the provision of re-deployable wireless surveillance systems, combining the very latest technology from the fields of mobile telecommunications and CCTV.

The WCCTV tower product range has been designed specifically to meet the challenges of securing remote sites, buildings or infrastructure on a temporary, permanent or semi permanent basis.

WCCTV can provide a complete solution on a UK wide basis including the CCTV tower, site surveys, installation, monitoring and response, as well as re-deployment.

The WCCTV Network Rail Approved Tower

The WCCTV Network Rail Approved Tower is a complete all in one surveillance solution.

The system has been designed to operate at trackside, is non-conductive and is designed as a product that can be easily installed.

The system contains 3G mobile phone technology to allow the transmission of video alarms. It also includes a heavy duty infrared 360° pan, tilt and 36x zoom camera to allow a remote operator to capture images of any potential intruder, and audio speakers to enable a remote challenge to occur.

The tower also comes with a fall back battery in case the power supply is interrupted.

Within the system there is a removable hard disk drive which provides evidential quality images for up to 60 days at 25 frames per second.

The tower can also be used in conjunction with external motion and heat detectors, and can easily be linked, if required, to other legacy on site alarming systems.

Methods of Power

WCCTV towers can be powered via mains or generator.

Alternatively, fuel cell technology can be used which can power the systems autonomously for up to eight weeks. When this supply is near depletion, an alarm is triggered to notify the user that there is a requirement to replace the fuel cell cartridge.

WCCTV also provides towers which can be totally reliant on wind and solar energy.



Features & Benefits

- Wireless motion detection
- Shock, vibration and tilt alerts
- Mains failure alert with battery back-up
- Low battery alerts
- GPS positioning
- On-going health check, alert raised on camera failure, camera masking, hard drive failure or hard drive nearing capacity

Possible Applications

- Trackside security to prevent metal theft
- Level crossing misuse
- Depot and station security
- Site compound security
- Trespass
- Obstacle detection
- CCTV on rolling stock
- Cable and metallic theft

Easy to Install

WCCTV towers can be rapidly installed on site and easily moved around a site to meet ever changing needs. There is no requirement for ground or civil works which prevents disruption to any ongoing site works.

Additional Benefits

In addition to providing site security, the WCCTV towers can also be used as a project management and Health and Safety tool. It is possible for office based personnel to access the cameras during working hours and review the recorded images to solve on-site problems and/or check regulations are being followed by personnel and sub-contractors.

Secure Networks

WCCTV work in close partnership with mobile phone operators to provide their own bespoke privately secure networks. These relationships ensure continuity of supply, and also provide cell site upgrade and fault information.

Working closely with the mobile phone operators also enables WCCTV to ensure its equipment is future-proofed.

Optional Extras

WCCTV can also provide a comprehensive list of bespoke functionality to be incorporated within its towers, including:

- Automatic number plate recognition cameras (ANPR) and hotlists
- Thermal imaging cameras
- WCCTV advanced analytics behavioural recognition software
- Integratable with DNA water systems

Specifications

Transit storage mode:

Length: 1800mm
Width: 950mm
Height: 1100mm

Operational mode:

Length: 1500mm
Width: 1550mm
Height: 5600mm



For further details on The WCCTV Network Rail Approved Tower please contact our sales offices:-

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