



camwatch **TOWER**™

CCTV Surveillance – where you want it, when you need it!

Everyone knows that monitored CCTV surveillance helps to reduce crime.
But how do you protect isolated areas where there is little or no infrastructure?
Building sites where cameras have to be moved regularly?
Events that do not warrant the cost of a permanent installation?

*Introducing the **TOWER**...*



camwatchTOWER™

CCTV Surveillance – where you want it, when you need it!



The Camwatch TOWER is a fully integrated, rapid-deployment CCTV solution that includes everything you need to expand your monitored security footprint.

Up to four high-resolution cameras, or a moveable pan-tilt-zoom (PTZ) head, are attached to a telescopic tower, capable of being wound up to 7m (equivalent to a two-story building). Night vision is facilitated by powerful infrared illuminators, providing excellent visibility at ranges up to 50m, but without generating white light pollution (often an issue in residential areas).

The TOWER's integrated detectors sense movement or body heat and each of the cameras is configured to generate an alarm if there is movement within the field of view. A variety of anti-tamper and anti-theft measures are employed to ensure that no one can interfere with the TOWER without being seen.

When an alarm is triggered, live video is immediately and automatically transmitted over a wireless network to Camwatch's state-of-the-art Remote Video Response Centre (RVRC).

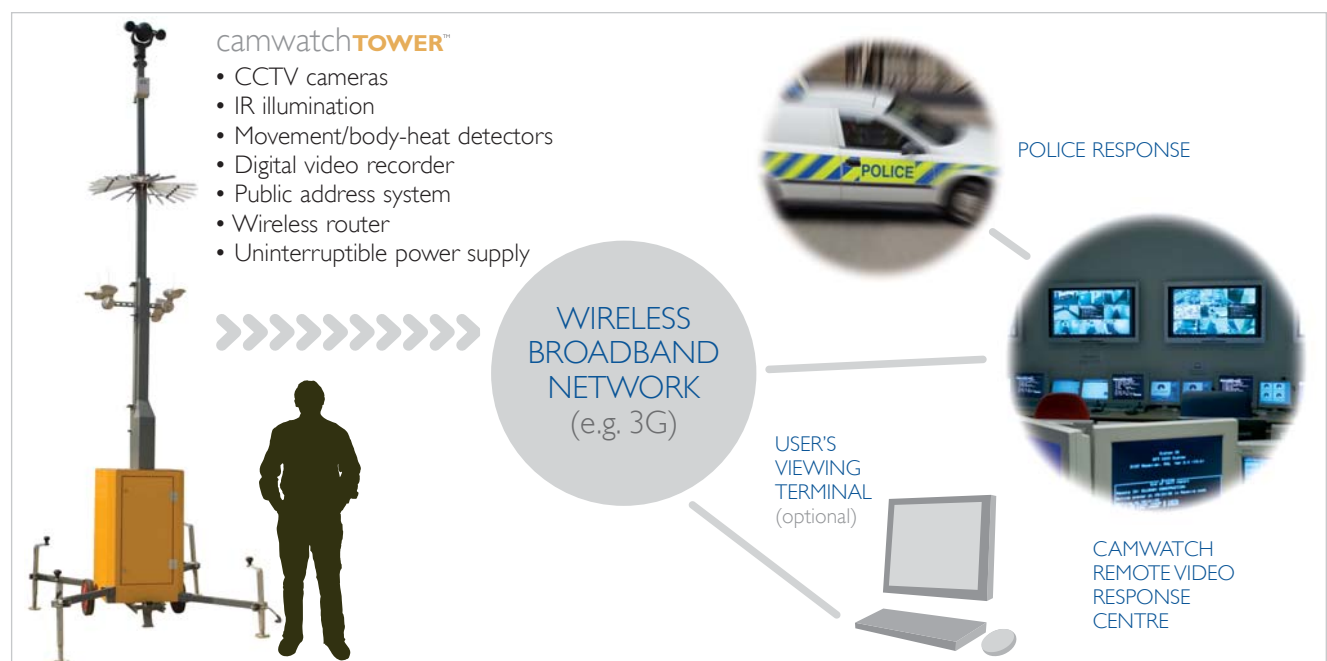
Since CCTV images are continually stored on the TOWER's own digital video recorder, vital pre-alarm evidence is always available, allowing the operator to see what happened in the run up to the incident.

The TOWER's two-way public address system allows control room personnel to challenge suspicious characters as soon as they are spotted, with all conversations being automatically recorded for audit and evidential purposes.

A variety of wireless transmission technologies are available, including 3G, ensuring TOWERS can be deployed almost anywhere. And Camwatch's "heart-beat" central management software continually monitors system integrity, highlighting any system malfunctions or network losses to Camwatch personnel for investigation.

The TOWER includes its own trolley mechanism, and with its independently adjustable legs it can be easily positioned on site. Units are usually operational within two hours; the only required infrastructure is a mains power supply. An uninterruptible power supply (UPS) is included as standard to maintain surveillance during short-term power outages, and for completely stand-alone installations, Camwatch is able to recommend a suitable generator.

TOWERS monitored by Camwatch are available for weekly rental with no minimum hire period, at a fraction of the cost of a security guard. Alternatively, TOWERS can be purchased for integration with your own control room.



- FULLY INTEGRATED, THE TOWER OFFERS EVERYTHING YOU NEED IN A SINGLE PRODUCT
- RUGGED, PORTABLE, DESIGNED SPECIFICALLY TO EXTEND YOUR CCTV SECURITY INTO NEW AND DEMANDING LOCATIONS
- PROVIDES A CHEAPER AND MORE EFFECTIVE ALTERNATIVE TO MAN-GUARDING
- A TRIED AND TESTED SOLUTION FROM THE UK'S LARGEST CCTV MONITORING COMPANY

APPLICATIONS

CONSTRUCTION COMPANIES

Building site security at a fraction of the cost of physical guards.

HIGHWAYS AGENCIES

Road-works, travel black-spots, the TOWER is a "go anywhere" CCTV solution that moves with you.

NATIONAL GOVERNMENTS AND LOCAL AUTHORITIES

From border enforcement, to fly-tipping, and everything in between.

LAW ENFORCEMENT AGENCIES

Fighting anti-social behaviour; including displacement problems from town centres.

EVENT ORGANISERS

Quick and easy to deploy, with no cables to run.
Available to rent on short-term contracts.

HOW TO ORDER

The TOWER is available in two base models:

Fixed cameras	CAM/RDTWI/4F
Pan-tilt-zoom camera	CAM/RDTWI/PTZ

Available to special order:

- Extended height TOWERS, up to 18m
- Solid-state recording, enhanced reliability in severe environmental conditions
- Alternative wireless communication configurations

For a no obligation site survey, or just an informal discussion, please contact us on:
Tel: 0114 281 9999 Email: tower@camwatch.co.uk



CAMWATCH MONITORING

Camwatch is the UK's largest CCTV monitoring company, accredited to all relevant standards including BS9001, BS5979, BS DD243 and BS8418:2003. Customers of Camwatch monitoring can be assured of an immediate and professional service from the highly trained control room team, whatever the circumstances.



BS8418

In an effort to combat wasted resources due to false alarms, the Association of Chief Police Officers (ACPO) has collaborated with the security industry to create British Standard BS8418. The TOWER system, its installation and Camwatch's associated monitoring services all conform fully to BS8418, ensuring priority Police response to all confirmed incidents.



TECHNICAL SPECIFICATION

- CAMERAS:** Fixed Cameras
- Up to four high resolution cameras
 - Day/night dual sensor colour/monochrome technology
 - Sensitivity: 0.1 lux monochrome; 1 lux colour
 - Vandal resistant housings

Pan-Tilt-Zoom

- High resolution camera
- 18:1 optical zoom
- 4:1 digital zoom
- Sensitivity: 0.2 lux monochrome; 3 lux colour
- Auto-focus, backlight compensation, automatic frame integration
- Vandal resistant housing

- ALARMS:**
- Detector activation
 - Video motion detection
 - Camera fail
 - Detector masking
 - Detector impact
 - Detector tamper
 - Detector low battery
 - Hard disk failure
 - Network connection lost
 - TOWER impact
 - Mains failure
 - UPS low power

- DETECTORS:**
- Passive infra-red (PIR)
 - Range up to 40m
 - Temperature compensation
 - Vandal resistant housings

- PUBLIC ADDRESS:**
- 15W power
 - Max output 80dB

- DIGITAL RECORDING:**
- High resolution images (up to 4CIF)
 - Up to 50 pictures per second record rate
 - Independent configuration of recording and transmission parameters
 - Audio recording
 - 200GB hard disk drive
 - Ruggedised design, including anti-shock, anti-vibration mountings

- COMMUNICATIONS:**
- 3G video transmission
 - Dual 3G service provision for critical sites
 - GPRS/GSM back-up channel (alarms only)
 - Transmission of GPS co-ordinates for location tracking
 - All transmission costs included in standard rental agreement

- PHYSICAL CONSTRUCTION:**
- All electronics to IP66 minimum
 - Independently adjustable feet
 - Integrated trolley mechanism
 - Steel cabinet with inner baffle plate protection
 - Anti-climb assembly

- POWER:**
- 110 Volts, AC
 - UPS duration: 12 hours



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