

WCCTV 3G HSUPA Dome

Wireless CCTV is a world leader in the provision of wireless surveillance systems, combining the very latest technology from the fields of mobile telecommunications and CCTV. Each system is a completely portable, mobile unit that delivers live images direct to a PC, laptop, PDA or dedicated monitoring station. The systems can be located anywhere - there are no geographical restrictions. Simply dial into the WCCTV unit and view live or recorded digital footage - it's that simple!

THE WCCTV 3G HSUPA DOME



Wireless CCTV's NEW 3G HSUPA Dome Camera System has earned its IP65 advanced weatherproof rating and provides the user with complete flexibility and portability. The system can be deployed in any location and is ideal for rapid installation and temporary surveillance applications. The Dome system has an integrated camera and transmission unit offered as a 'one box' solution. Users are able to dial in remotely, and access live or stored digital footage from the integral hard drive (up to 500GB capacity). The camera itself can be controlled remotely with full pan, tilt and zoom functionality and a 360° field of vision.

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.

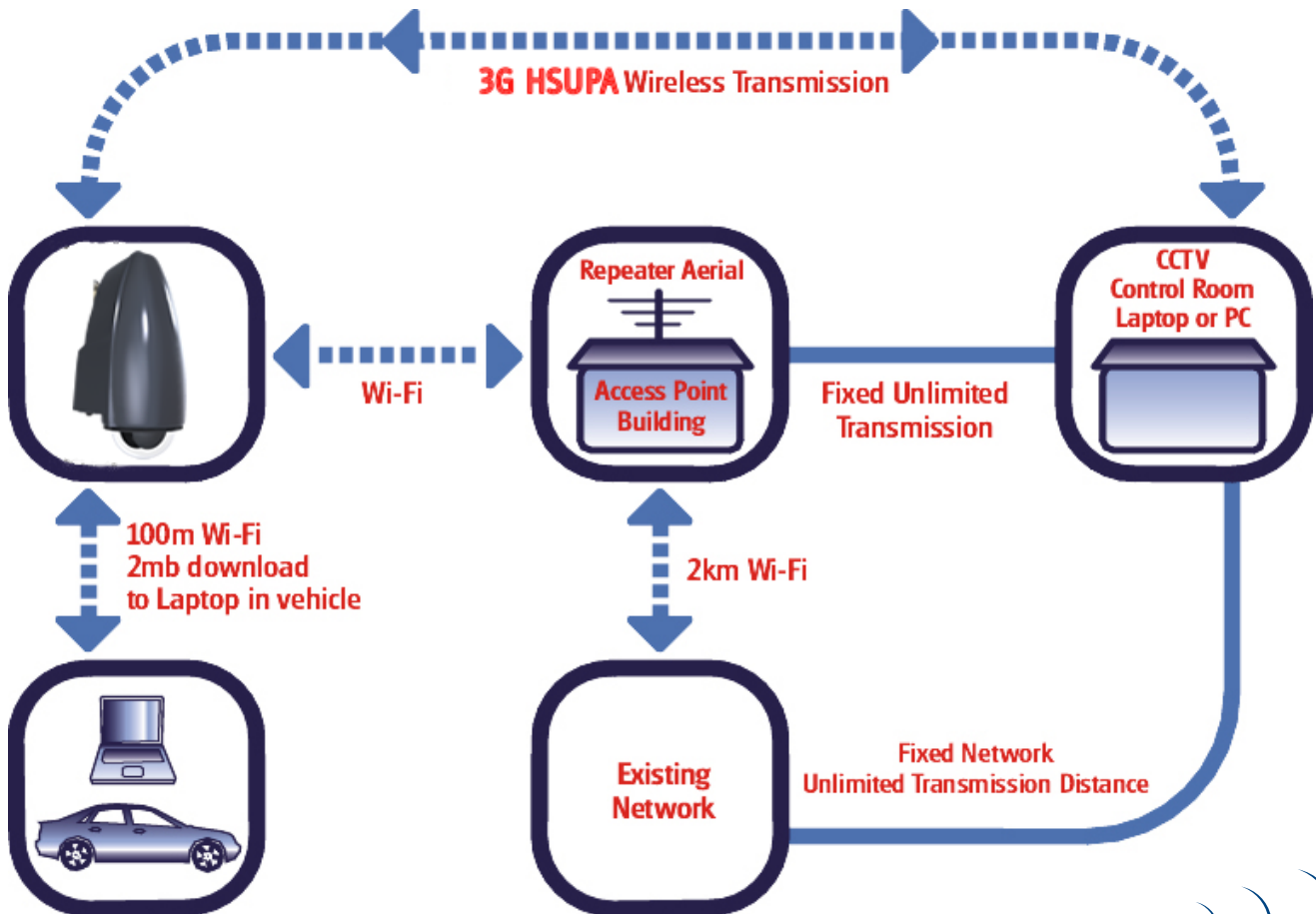
Every WCCTV product contains 3G (HSUPA) mobile technology, with automatic fallback to GPRS, plus an additional transmission medium to maximise flexibility and portability. This unique approach provides the ability to transmit fluid, high-resolution images wirelessly without geographical restrictions, making Wireless CCTV equipment ideal for covert operations and short term covert monitoring.

Each WCCTV system also has an IP address allowing it to utilise broadband technology, which offers high-speed, fixed-cost transmission networks for live 24/7 monitoring. Broadband technology is ideal for remote covert surveillance where there is access to a telephone line with broadband connection.

The WCCTV 3G Dome system has 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 3G Dome unit has a mass of only 4kg (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 110 - 240 Volts AC from the mains supply, or 12 Volts DC. The units can be installed within 20 minutes and redeployed easily.



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CAMERA

The Dome camera on the WCCTV unit is a high resolution, low light sensitive colour camera with high-speed pan, tilt and zoom functionality. The camera has an optical zoom of 27x which enables the operator to achieve facial recognition as far away as 200 metres.

TRANSMISSION SPEEDS

- Via 3G HSUPA** - Up to 18 frames per second *
- Via 3G HSDPA** - Up to 12 frames per second *
- Via Wi-Fi**
 - Short range - 25 frames per second
 - Long range - 25 frames per second

* Depending on network availability

SOFTWARE

WCCTV Single View software is free, unlicensed and allows multiple users

- Up to 6 concurrent connections
- Event recording
- Password protected
- Full archive & playback facility

POSSIBLE APPLICATIONS

This overt WCCTV Dome system is normally mounted on a street lighting column or to a wall and can be used for a variety of different applications such as:

- Anti social behaviour
- Nuisance neighbours
- Traffic monitoring
- Temporary sites (construction, sports events)
- Trouble hotspots
- Town centre applications (Wi-Fi)

FEATURES & BENEFITS

- Compact 'one box' solution with space saving camera mounting
- Weather-proof housing
- 360° field of vision
- Remote control with full pan, tilt and zoom functionality
- Remote access to live and recorded digital footage
- Rapidly redeployable
- 3G HSUPA, 3G HSDPA, 3G UMTS, GPRS, WiFi and IP connectivity
- Unlicensed software, unlimited users at no additional cost



No of cameras	1
No of alarm inputs	1 - 4
No of relay outputs	1
Hard disk	320GB - 500GB, 2.5" HDD
Housing dimensions	Length 545mm including acrylic lens Width 235mm Depth 140mm
Mass	4kg
Operating temperature	-5 to +55°C
Power supply	100 - 240 Volt input, 3 Amp fused Unit can be powered by 12V DC @ 5 Amp if requested at time of order
Compression type	Conditional jpeg and full frame jpeg
Min. illuminator colour	0.7 lux
Min. illuminator mono	0.01 lux
Transmission settings	6 - ranging from: 720 x 288 high resolution 128 x 80 low resolution
Recording qualities	3 qualities: 720 x 288 high resolution 720 x 288 medium resolution 512 x 256 low resolution
Camera resolution	470 tvl

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