

WCCTV 3G Heavy Duty Wireless Dome

WCCTV 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 PDA, laptop, desktop PC 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!

HEAVY DUTY WIRELESS DOME



WCCTV's 3G Heavy Duty Dome Camera System has been designed for use in the harshest of environments. It provides the user with complete flexibility and portability. The Dome system has an integrated camera and transmission unit offered as a 'one box' solution. The system is ideal for rapid installation and temporary surveillance applications; it can be deployed in any location however harsh or remote. The Metal Mickey camera which is integrated into the unit is extremely robust and can operate in the most arduous of conditions. It is shotgun resistant, has an 18x or 36x optical zoom function and has a flat optic viewing window with wiper, to give distortion free images. Users are able to dial in remotely and access live images or stored digital footage from the integral hard drive. The camera itself can be controlled remotely with full pan, tilt and zoom functionality and a 360° field of vision.

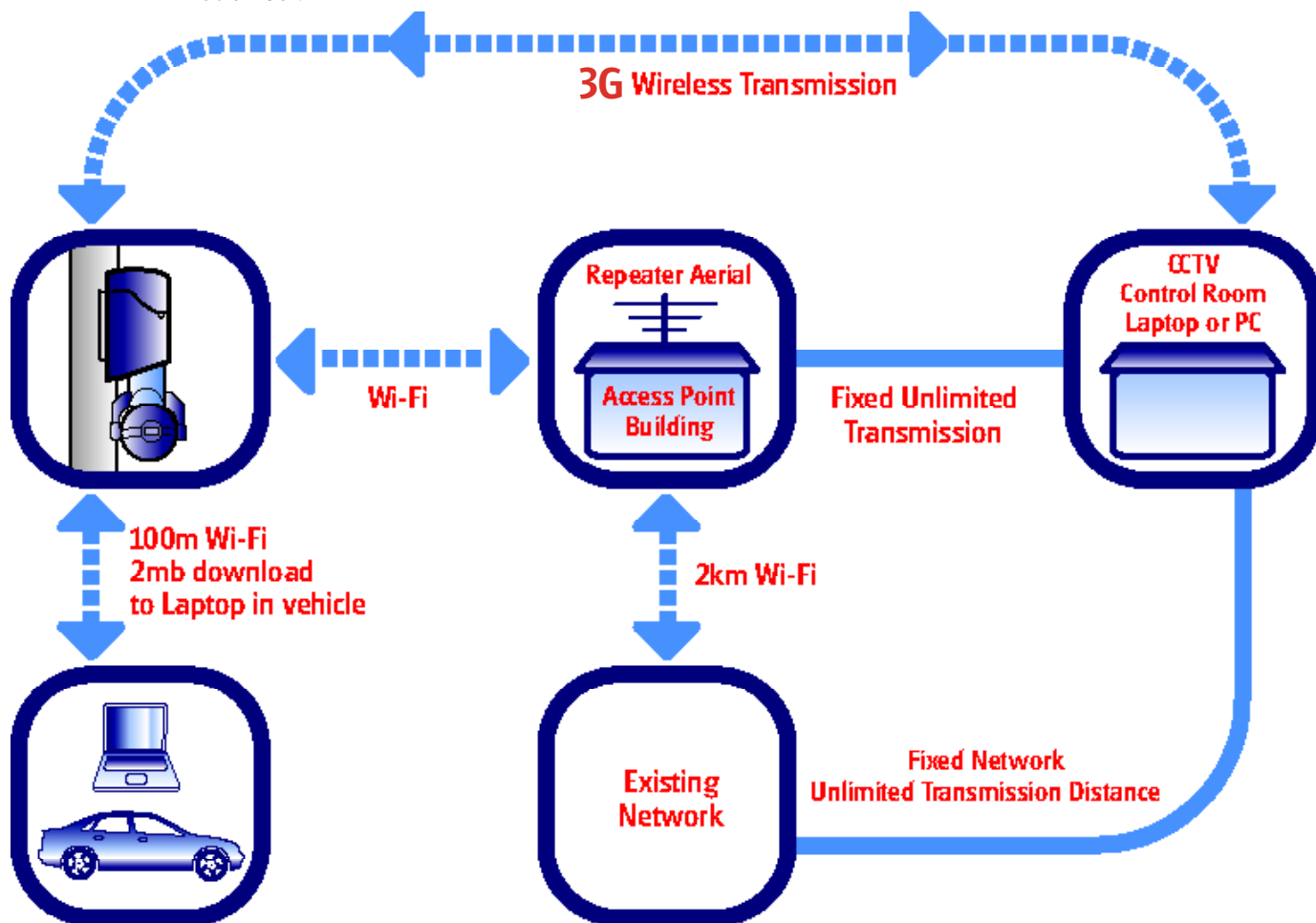
TRANSMISSION METHODS

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 phone technology, 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 WCCTV 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 3G Heavy Duty Wireless Dome system has Wi-Fi technology built in as standard, which enables high speed downloads up to 100m away using a Wi-Fi enabled laptop. As an optional extra it is possible to request long range Wi-Fi, which enables live monitoring up to 2km (line-of-sight) away from a broadband access point.



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INSTALLATION

The 3G Heavy Duty Wireless Dome unit has a mass of 15kg (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. The units can be installed within 30 minutes and redeployed easily.

CAMERA

The Metal Mickey dome camera is machined from 6mm thick aluminium enabling it to resist vandal attack. It has an 18x or 36x optical zoom and also uses high precision resolver technology to allow very accurate, repeatable preset positioning.

TRANSMISSION SPEEDS

- Via 3G HSUPA** - Up to 25 frames per second *
- Via 3G HSDPA** - Up to 15 frames per second *
- Via Wi-Fi**
 - Short range - 25 frames per second
 - Long range - 25 frames per second

* Depending on network availability

SOFTWARE

Wireless CCTV software is free, unlicensed and allows multiple users

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

POSSIBLE APPLICATIONS

The overt 3G Heavy Duty Wireless 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)
- > Surveillance in hazardous/hostile environments such as nuclear installations, seafronts, embassies, police HQ and high crime areas

FEATURES & BENEFITS

- > Compact 'one box' solution with space saving camera mounting
- > Vandal resistant robust housing
- > 360° field of vision
- > Remote control with full pan, tilt and zoom functionality
- > Remote access to live and recorded digital footage
- > Rapidly re-deployable
- > 3G HSUPA, 3G HSDPA and IP connectivity
- > Unlicensed software, unlimited users at no additional cost



WIRELESS CCTV - DATASHEET

No of cameras	1
No of relay outputs	1
Hard disk	250GB - 500GB 2.5" HDD
Housing dimensions	Length 750mm Width 210mm Depth 140mm
Mass	15kg
Operating temperature	-5 to +55°C
Power supply	100 – 240 Volt input, 4 Amp fused
Compression type	Conditional jpeg and full frame jpeg
Minimum Illuminator	Colour 0.3 lux Mono 0.2 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	460 tvl
Camera IP Rating	IP 68

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