

# WCCTV 4G Heavy Duty Dome

Wireless CCTV (WCCTV) is a market leading provider of rapidly deployable, portable CCTV and surveillance systems. The systems operate over wireless technologies including 4G, 3G and CDMA mobile phone as well as satellite and WiFi networks and broadband technologies. This makes the systems ideal for redeployable solutions in temporary, mobile or semi permanent situations.

Live and recorded video images can be viewed from a dedicated monitoring station, laptop, PDA, iPhone, iPad or Android device. Up to 6 separate connections can be made simultaneously to any system. So it's not just a portable camera system, you also have portability in how you view those images.

## WCCTV 4G Heavy Duty Dome

WCCTV's Heavy Duty Dome has been designed for use in the harshest of environments. The system contains an integrated 360 Predator camera, with transmission and removable hard disc recording capability in one easy to install enclosure. The Predator camera is robust and can operate in the most hazardous conditions. It is shot gun resistant, has an 18x, 28x or 36x optical zoom function and has a flat optic viewing window with a wiper to provide 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 dome product contains 4G 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.

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 surveillance where there is access to a telephone line with broadband connection.

The 4G 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. The system can also be operated via satellite networks.



## 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 & zoom functionality
- > Remote access to live and recorded digital footage
- > Rapidly re-deployable
- > 4G, 3G HSPA, 3G HSDPA and IP connectivity
- > Unlicensed software, unlimited users at no additional cost
- > Integrate with any digital control room

## Possible Applications

- > Anti-social behaviour
- > Nuisance neighbours
- > Traffic monitoring
- > Temporary sites (Construction, Sports events)
- > Trouble hotspots
- > Town centre applications
- > Surveillance in hazardous/hostile environments such as nuclear installations, seafronts, embassies, Police HQ and high crime areas





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## SPECIFICATION

General	Dimensions (HxWxD)	630mm x 260mm x 240mm
	Operating Temperature Range	-5 to +55°C
	Power	100-240 Volt input (Mains Powered) or 12 Volt DC (Battery Powered)
	Power Consumption	1A @ 240V
	Weight	10Kg
Video	Video Inputs	2
	Operation	Simultaneous live, Record, Playback, Remote access
	Optical/ Digital Zoom	22X / 16X
	Resolution of Camera	520TVL
	Maximum PPS	25
	Recording	Proprietary narrowband algorithm
	MutiMode (Recording Algorithms)	Dynamically changes record rates and compression setting for the camera
	Snapshot Video Clip	Yes
	Video Motion Search	Yes
	Archive Protection	Yes - protect against overwriting
	Wireless Communication	Supported via suitable interface - GSM, GPRS, UMTS, HSDPA, HSCSD, CDMA, 4G
Storage	Internal Capacity	Up to 1 TB
	HDD Types	Removable SATA Hard Disk Drive
	Export	4G / HSDPA / Network / Optional Removable SATA Hard Disk Drive
Alarms	Alarms	2 camera control, 1 alarm, 1 arming/ disarming and 2 auxillary inputs
	Alarm Function Support	Alarm log, event search, pre-event recording
	Alarm Reporting	Yes - to a remote site via Email
	Display Alarm on PC Monitor	Yes or Network / HSDPA
	Relays	2 relays - System error and/or remote control purposes
	Video Motion Detection	Yes
Networking	Remote PC Client	Client Software Free Download
	Remote Web Browser Client	Viewing
	Password Protected	Yes
	Remote Smartphone (iPhone compatible)	
	Remote Tablet (iPad compatible)	
	Software Upgrade	Internet / HSDPA / Back to Back PC
	Warranty	12 months warranty with options for extended warranty

**For further details on The WCCTV Heavy Duty Dome please contact our sales office:-**

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**WIRELESS CCTV - DATASHEET**

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