

# The WCCTV 4G Dual Stream 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 and 3G mobile phone technology as well as satellite, Wi-Fi and broadband networks. 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, iPhone, iPad or android device. Up to six 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.

## The WCCTV 4G Dual Stream Dome

Wireless CCTV's 4G Dual Stream Dome provides users with maximum flexibility and control over their surveillance. This unique system provides live streaming of both high definition (up to 1080p) and standard definition images, as defined by the user, whilst recording all footage to its 2TB internal hard drive in full high definition.

Dynamic compression settings allow users to switch between h.264 and MJPEG streaming images, facilitating the low bandwidth usage streaming of high definition images. This significantly reduces latency, and allows seamless PTZ response.

The 4G Dual Streaming Dome also contains in-built analytics functionality, allowing for greater detection, visual verification and intelligence of events such as loitering, intrusions, smoke detection, traffic congestion and other traffic violations.

## 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 technology (with automatic fall-back to HSUPA, HSDPA, UMTS and 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 both long and short term, overt and covert operations.

Each WCCTV system has an IP address allowing it to utilise broadband technology. The Mini Dome can also be operated on private networks as a LAN-only solution.

## Installation

The WCCTV 4G Dual Stream Dome unit weighs under 3KG (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 Volt AC from the mains supply, or 12 Volt DC. The units can be installed within 20 minutes and re-deployed easily.



## Features & Benefits

- Dual HD Streaming (H.264 & MJPEG)
- Low bandwidth usage
- Complete, lightweight integrated unit
- Portable and rapidly deployable
- Built-in analytics functionality
- Remote control with full pan, tilt & zoom functionality
- 360° field of vision
- Remote control with full pan, tilt & zoom functionality
- Remote access to live and digital footage
- 4G, 3G, GPRS, Wi-Fi, and IP connectivity

## Possible Applications

- Crime and disorder hotspots
- Anti-social behaviour
- Traffic monitoring
- Temporary monitoring - events, road works
- Town centre applications (Wi-Fi)
- Information gathering

General	Dimensions (HxWxD)	350mm x 150 mm x 225mm
	Operating Temperature Range	-50 to +50°C
	Power	100-240 Volt input (mains powered) or 12 Volt DC (battery powered)
	Power Consumption	3A (mains powered) 5A (battery powered)
	Weight	3 kg
Video	Video Inputs	2
	Operation	Simultaneous live, record, playback, remote access
	Optical / Digital Zoom	22x / 16x
	Resolution of Camera	Up to 1080p
	Maximum PPS	25
	Recording	Proprietary narrowband algorithm
	MutiMode (Recording Algorithms)	Dynamically changes record rates and compression settings for the camera
	Snapshot Video Clip	Yes
	Video Motion Search	Yes
	Archive Protection	Yes - protect against overwrite
	Wireless Communication	Supported via suitable interface - GSM, GPRS, UMTS, HSDPA, HSCSD, CDMA, 4G
	Storage	Internal Capacity
HDD Types		Removable SATA hard disk drive
Export		HSUPA/ network / optional removable SATA hard disk drive
Alarms	Alarms	2 camera control, 1 alarm, 1 arming / disarming and 2 auxiliary 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 / HSUPA / 4G
	Relays	2 relays - system error and/or remote control purposes
	Video Motion Detection	Yes
	Remote PC Client	Client Software Free Download
Networking	Remote Web Browser Client	Viewing
	Password Protected	Yes
	Remote Smartphone (iPhone) Compatible	
	Remote Tablet (iPad) Compatible	
	Software Upgrade	Internet/ HSUPA / 4G / back to back PC
	Warranty	12 months warranty with options for extended warranty

**For further details on The WCCTV Dual Stream Dome please contact our sales offices:-**

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