

# The WCCTV Broadcast Resolution 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 Broadcast Resolution Dome

WCCTV's 4G Broadcast Resolution Dome is a unique solution that provides exceptional imaging quality over mobile networks. Using bonded LTE SIM card technology, the system can deliver resolutions of up to 720 H.264 making it ideal for securing digital evidential quality images and footage. Resolution compression ensures continuous recording at the highest available quality.

The Broadcast Resolution Dome is an integrated 2MP infrared camera and transmission unit. Users are able to connect remotely and access live streaming video images or stored evidential quality digital footage from the secure commercial server storage.

The camera can be controlled through a secure viewing portal, and offers full pan, tilt and zoom functionality and has 360° field of vision. The system is designed to operate on all latest generation mobile networks.

## 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 WCCTV Broadcast Resolution Dome can also be operated on private networks as a LAN-only solution.



## Features & Benefits

- D1 quality images over mobile networks
- Triple-bonded LTE sim card technology
- 2MP infrared camera
- 360° field of vision
- Remote control with full pan, tilt & zoom functionality
- Remote access to live and digital footage
- 4G, 3G and IP connectivity
- Integrate with existing digital control room

## Possible Applications

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

General	Dimensions (HxWxD)	700mm x 150mm 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	3KG	
Video	Video Inputs	1	
	Operation	Simultaneous live and record	
	Optical / Digital Zoom	18x, 28x, 36x / 216 x 550, 336 x 550, 432 x 540	
	Maximum PPS	25	
	Camera Resolution	720 x 480	
	Recording	Proprietary narrowband algorithm	
	MutiMode (Recording Algorithms)	Dynamically changes record rates and compression settings	
	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, 3G	
	Alarms	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	
Networking	Remote PTZ Control	Yes	
	Bandwidth Management		
	Remote Administration		
	Remote PC Client	Web browser IE/Crome	
	Remote Web Browser Client	Viewing	
	Password Protected	No	
	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 Broadcast Resolution Dome please contact our sales offices:-**

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