

The WCCTV 4G High Definition 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 High Definition Dome

WCCTV's 4G High Definition Dome is a lightweight, flexible and portable surveillance solution that provides users with exceptional image quality. The system can be deployed rapidly, and is easy to install at temporary, semi-permanent and permanent sites.

Delivering resolutions of up to 1080p, the system is ideal for securing digital evidential quality images and footage. Dynamic resolution compression ensures continuous recording at the highest available quality.

The 4G High Definition Dome is an integrated camera and transmission unit. Users are able to connect remotely and access live streaming video images or stored evidential quality digital footage from the integral removable hard drive (up to 2TB capacity)

The camera can be controlled with full pan, tilt and zoom functionality, and has a 360° field of vision. The system is future proofed and designed to operate on all latest generation mobile networks. Designed within the system is a self-checking diagnostic programme which enables the system to automatically reset itself following events such as power spikes and network failure.

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 4G High Resolution Dome can also be operated on private networks as a LAN-only solution.



Features & Benefits

- High definition images delivered over mobile networks
- Complete lightweight integrated unit
- Built in self-testing diagnostics
- Remote control with full pan, tilt & zoom functionality
- Remote access to live and digital footage
- 4G, 3G HSUPA, 3G HSDPA, 3G UMTS, GPRS, Wi-Fi and IP connectivity
- Integrate with any digital control room
- 2TB Hard Drive

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)	350mm 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	2
	Operation	Simultaneous live, record, playback, remote access
	Maximum FPS	25
	Camera Resolution	1080p, 720p, 800 x 600
	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
Storage	Internal Capacity	Up to 2TB
	HDD Types	Removable SATA hard disk drive
	Export	4G / HSUPA / Network / Optional Removable SATA 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
	Video Motion Detection	Yes
Networking	Remote PTZ Control	Yes
	Bandwidth Management	
	Remote Administration	
	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 / HSUPA / 4G / back to back PC	
Warranty	12 months warranty with options for extended warranty	

For further details on The WCCTV 4G High Definition Dome please contact our sales offices:-

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