

The 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 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 Heavy Duty Dome

WCCTV's 4G Heavy Duty Dome has been designed for use in the harshest of environments. The system contains an integrated 360 Predator infrared camera with transmission and removable hard disk recording capability in one easy to install enclosure. The Predator camera is robust and can operate in the most hazardous conditions. It is shotgun resistant, has an 18x, 28x or 44x 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 technology (with automatic fall-back to 3G, 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.

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 limited access to a telephone line with broadband connection.

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



Features & Benefits

- Compact 'one box solution' with space saving mounting
- Vandal resistant robust housing
- 360° field of vision
- 100m infrared capability
- Remote control with full pan, tilt and zoom functionality
- Remote access to live and recorded digital footage
- Rapidly re-deployable
- 4G, 3G HSUPA, 3G HSPDA 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
- Trouble hotspots
- Town centre applications
- Surveillance in hazardous / hostile environments

General	Dimensions (HxWxD)	850mm x 250mm x 225mm
	Operating Temperature Range	-50 to +50°C
	Power	100-240 Volt input (mains powered) or 12 Volt DC (battery powered)
	Power consumption	1A @ 240V
	Weight	11KG
Video	Video Inputs	2
	Operation	Simultaneous live, record, playback, remote access
	Optical / Digital Zoom	44x / 28x / 18x
	Maximum PPS	25
	Camera Resolution	520TVL
	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
HDD Types		Removable SATA hard disk drive
Export		4G / 3G / 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
	Video Motion Detection	Yes
	Networking	Remote PC Client
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 Heavy Duty Dome please contact our sales offices:-

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