

The WCCTV 4G Solar Dome

WCCTV is the UK's most established and experienced provider of 4G enabled rapid deployment camera systems for public space monitoring.

We help our customers deliver real results (prosecutions, reduced crime and improved neighbourhood safety) by providing the highest quality technology backed by our world-class support services.

The WCCTV 4G Solar Dome

The WCCTV 4G Solar Dome is an autonomously powered rapid deployment CCTV system specifically designed for monitoring and surveillance applications at off-grid and remote locations where power and mounting infrastructure are not available.

The Solar Dome is powered by an ultra-slim, high-performance solar panel with full battery back up to ensure year-round performance in practically any location.

The WCCTV Solar Dome can be deployed via two methods:

Option 1:

A WCCTV 4G IR Speed Dome is supplied with a 6m high tilt down column for mounting the camera, a solar panel and a long-life integral battery built into the column.

This deployment method provides year-round operation, with the battery capable of providing up to 15 days of continuous performance even in zero sunlight.

Option 2:

A WCCTV 4G IR Speed Dome is supplied with a solar panel and a long-life battery built into a secure enclosure that can be mounted to an existing pole.

This option is designed for shorter-term deployments and is more compact and portable, but is not designed for year-round usage.

WCCTV Service

At WCCTV, we understand that each unique deployment of Redeployable CCTV cameras has different objectives, challenges and requirements.

That's why we have invested not just in world-leading technology, but also in the support services that enable our clients to effectively deploy their systems, get the results they desire and make their lives easier.

Services we provide include:

- Dedicated Telephone Support Team
- Remote Commissioning
- Onsite Assistance by WCCTV Engineers
- Performance Reports
- Onsite Training
- Remote Training
- Online Interactive Training Guides and Videos
- Service and Support Bundles



Features & Benefits

- Solar-powered redeployable CCTV
- 50m IR capability
- 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 LTE, 3G, GPRS, Wi-Fi, and IP connectivity

Possible Applications

- Crime and disorder hotspots
- Anti-social behavior
- Traffic monitoring
- Temporary monitoring - events, road works
- Fly-tipping
- Temporary public events (sports, music)

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|------------|---------------------------------------|--|
| General | Dimensions (HxWxD) | Camera 355mm x 190mm x 180mm / Solar Panel 798mm x 1580mm x 35mm / Cabinet Pole options on request |
| | Operating Temperature Range | -30 to +50°C |
| | Power | 110-240 Volt input (mains powered) or 12 Volt DC (battery powered) |
| | Power Consumption | 24W(mains powered) |
| Video | Weight | Camera 6kg / Solar Panel 15 KG / Cabinet Pole 197 KG |
| | Video Inputs | 4 |
| | Operation | Simultaneous live, record, playback, remote access |
| | Optical / Digital Zoom | 25x / 16x |
| | Resolution of Camera | Up to 1080p, 720p, 480p, D1, 4CIF, 2CIF |
| | Maximum FPS | 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, 3G, 4G LTE |
| | Storage | Internal Capacity |
| HDD Types | | Removable SSD hard disk drive |
| Export | | 4G/ network / optional removable SSD 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 / 4G |
| | 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 | |
| | Remote Smartphone (iPhone) Compatible | Yes |
| | Remote Tablet (iPad) Compatible | |
| | Software Upgrade | Internet / 4G / back to back PC |
| | Warranty | 12 months warranty with options for extended warranty |

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

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