

WCCTV HD SOLAR FUEL CELL TOWER

- 2 x speakers for audio challenge with a 100Volt line amplifier
- Optional fixed HD or thermal cameras (up to 3)
- Protective metal wire casing
- HD IP 23x zoom PTZ camera with 200m IR illumination zoom
- Optional Time Lapse camera

- Multiple motion detectors up to 100m with anti-creep technology in each direction
- Provides an invisible perimeter
- Embedded internal analytical engine ideal for fixed camera detection
- 7m retractable mast

- Embedded high speed 3G/4G connectivity or Wi-Fi/Sat comms
- Autonomous power for up to 20 weeks
- 4TB Internal hard drive (30 days recording)
- Battery back-up activated an alarm raised on power disconnection
- Low fuel alerts

KEY PRODUCT BENEFITS

<p>Complete Managed Service</p>	<p>Invisible Perimeter</p>	<p>HD PTZ with Smart IR</p>	<p>Solar/Eco Options Available</p>	<p>GPS Location Information</p>
<p>Multiple Camera Inputs</p>	<p>Remote Access to Footage</p>	<p>Live Audio Challenges</p>	<p>Proactive Site Protection</p>	<p>Ongoing Health Check</p>

WCCTV HD SOLAR FUEL CELL TOWER

WCCTV's HD Solar Fuel Cell Tower is a rapid deployment CCTV tower specifically designed to provide security at construction sites, Critical National Infrastructure facilities or off-grid sites where no mains or generator power are available. It features the same capabilities as the WCCTV Site Tower but is powered by a methanol fuel cell cartridge backed by a high-performance solar panel.

The solar panel reduces fuel consumption and increases run time to provide uninterrupted autonomous power for up to 20 weeks before a refuel is required.

Due to its market-leading design, the WCCTV HD Solar Fuel Cell Tower requires no external tanks or cages to house the fuel, and the solar panel requires no on-site assembly.

Key features of this all-in-one security solution include the wireless transmission (4G/3G and Wi-Fi) of video and alarms, an HD infrared, 360° PTZ camera, audio speakers to enable a remote challenge to occur and local recording capability for the storage of evidential footage. As a truly rapid-deployment CCTV system,

The WCCTV HD Solar Fuel Cell Tower can be installed and fully operational in just a matter of minutes, ensuring your sites are protected.

Its multiple motion detectors, audio speakers, backed by high-end alarm monitoring and response, effectively eliminate the need for costly man guarding, reducing security costs by up to 86% without compromising quality or reliability.

PRODUCT VARIANTS



HD Eco Tower

Charge battery during working hours and turn off the generator out of hours



HD Thermal Smart Tower

Designed for loactions with complex detection areas



Network Rail Tower
PADS Approved

Designed for surveillance at track side, level crossing and depots

EXAMPLE APPLICATIONS



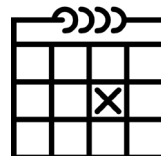
Utility Site Security



Asset Protection on Remote Sites



Construction/ Demolition



Temporary Works Security



Highways



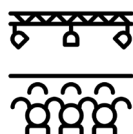
Gas Site Security



Environmental Agency



Project Management



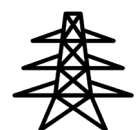
Major Public Events Safety



Health and Safety Review



Rail Security



Electrical Site Security

PRODUCT SPECIFICATION

General	Dimensions (HxWxD)	7200mm x 1400mm x 1570mm - deployed
	Operating Temperature Range	-20 to +50°C
	Autonomous Power	Up to 20 weeks
	Power Consumption	42W nominal
	Weight	372KG
	Software Upgrade	Internet / 4G / back to back PC
	Warranty	12 months warranty with options for extended warranty
Video	Video Inputs	Up to 4
	Operation	Simultaneous live, record, playback, remote access
	Optical / Digital Zoom	23x / 16x
	Resolution of Camera	Up to 1080p
	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, HSDPA, HSCSD, CDMA, 3G, 4G LTE
	IR Range	200m
	Thermal Detectors	Up to 2 fixed cameras
	Storage	Internal Capacity
HDD Types		Removable SATA hard disk drive
Export		4G/ network / optional removable SATA hard disk drive
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 / 4G
	Video Motion Detection	Yes
Networking	Remote PTZ Control	Yes
	Bandwidth Management	Yes
	Remote Administration	Yes
	Remote PC Client	Client Software Free Download
	Remote Web Browser Client	Viewing
	Password Protected	Yes
	View Application for Smartphone/Tablet Compatible	Yes

WCCTV has offices across the UK. To find out more about WCCTV HD Solar Fuel Cell Tower please contact our Fuel Cell Tower please contact our UK Head Office:



IS 687662



FM 99538

Wireless CCTV Ltd
Charles Babbage House,
Kingsway Business Park,
Rochdale, OL16 4NW

t: +44 (0) 800 470 4630
e: sales@wcctv.com

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