

## GEN 1-6

TES CCTV enforcement vehicles are in use every day assisting local authorities to manage traffic flow, enforce parking regulations and promote road safety.

There are six generations of vehicle currently available each one with more features and extended capabilities from the last one.



### Key Benefits

- All electric, hybrid and petrol vehicle options available.
- Feature rich system, TES have been providing mobile enforcement systems since 2004.
- Remote system support direct to vehicle via 4G.
- Fully integrated with TES Review.
- Fixed price long term rental agreements available for Vehicles and CCTV/ ANPR equipment (includes maintenance and support).

### Key Features

**GENERATION 1:** (Attended Mode) a second operative or the driver can use the roof mounted extendable PTZ camera to carry out manual parking and traffic enforcement duties by using the touchscreen to activate the recording equipment to capture evidence.

**GENERATION 2:** (Unattended Mode) enforcement route maps are configured and downloaded by the end-user. Using the on-board GPS and ANPR, and a daily white list the system can automatically detect and enforce contraventions.

**GENERATION 3:** (Workplace Parking Levy Scheme) Special software features developed to help councils enforce the Workplace Levy Scheme.

**GENERATION 4:** (Spotter Mode™\*) can be used to patrol zones that are Permit, Pay & Display or Cashless parking controlled. Using GPS, the TES Cap software automatically polls authorised vehicle lists as it approaches a controlled parking zone. Any potential contraventions are flagged and sent to the TES Compliance Display Map (CDM). The Civil Enforcement Officer (CEO) closest to the potential contravention is sent a map, image of the vehicle and street details for action. (Also has GEN1 and 2 Features as standard).

Typical applications for Generation 4 includes parking outside schools • Parking on Bus Stops • Over staying max time in bays • Unauthorised parking in a Permit parking area • Non purchase of a cashless or P&D parking sessions etc.

**GENERATION 5:** (Spotter Mode™\*) has all the functions of a GEN 4 with exception of a camera mast (a fixed PTZ camera is fitted instead) This allows all seats to be utilised within the vehicle so it can be used as a personnel transporter as well.

**GENERATION 6:** Configured specifically to enforce CPZ's and Car Parks in "Spotter Mode™\*" mode.

- TESCap software used in all systems developed and supported by TES.
- GEN 1, 2, 4 and 5 systems transfer of evidence packs via USB drive or directly to TES Review / Back Office via Wi-Fi or 4G.
- Supports standard video formats H.264, MPEG2 and MPEG4.
- System operated via external touchscreen.
- System audit trail.

\* GEN 4/5/6 Supports Spotter Mode™ and CDM.



### Installation

TES have installed CCTV / ANPR enforcement systems into a wide range of electric, hybrid and petrol vehicles. Examples include Toyota Aygo, Yaris, Prius and Proace, Nissan E-NV200, Renault Kangoo ZE and Zoe but TES can fit to any suitable vehicle platform (subject to survey). The PC based system and battery power supply is professionally installed inside a custom-made housing in the rear of the vehicle.



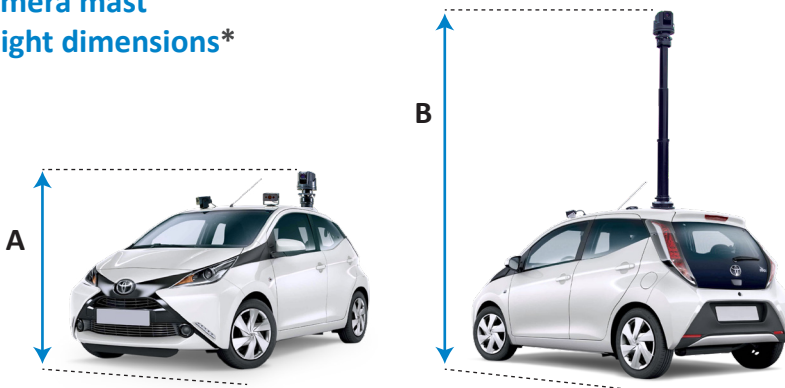
On all models the touch-screen user interface is mounted in a specially designed holster in the front of the vehicle where it can be safely stored when not in use. When in use it can sit on the operators lap for easy operation. TES been at the forefront of mobile CCTV installations since 2004, all systems are built and installed by the TES engineering team in their own dedicated workshop facilities.

### Specifications

The matrix below lists each generation of system, the enforcement modes supported and a list of standard features. All TES systems will meet "approved" device status.

MODEL	Enforcement Modes																												
	Attended	Unattended	WPL	Spotter	i7 Mobile PC	26:1 mast mounted PTZ Colour Camera	26:1 roof mounted PTZ Colour Camera	2 ANPR cameras	3 ANPR cameras	4 ANPR cameras	2 Colour cameras	3 Colour overview cameras	4 Colour overview cameras	USB Ports	Battery Pack	GPS overlay	4G / Wan / Wi-Fi	Equipment Housing	Battery back-up for PC	External Touchscreen	Light Bar	User & Maintenance Manuals	TESCAP Application software	WPL back office single user licence	CDM Single User Licence	System hardware installation	System software installation	System software licences	Fire extinguisher
GENERATION 1	✓	✗	✗	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✗	✓	✗	✗	✓	✓	✓	✓	✓	✓
GENERATION 2	✓	✓	✗	✗	✓	✓	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✗	✓	✓	✗	✗	✓	✓	✓	✓	✓
GENERATION 3	✗	✗	✓	✓	✗	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✗	✓	✓	✗	✗	✓	✓	✓	✓	✓
GENERATION 4	✓	✓	✗	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✗	✓	✓	✗	✗	✓	✓	✓	✓	✓
GENERATION 5	✓	✓	✗	✗	✓	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✗	✓	✓	✗	✗	✓	✓	✓	✓	✓
GENERATION 6	✗	✗	✗	✓	✓	✗	✗	✗	✗	✗	✗	✗	✗	✓	✓	✓	✓	✓	✓	✗	✓	✓	✗	✗	✓	✓	✓	✓	✓

### Camera mast height dimensions\*



- A. Retracted 1.9 metres (will pass under most height restrictors)
- B. Extended (ground to top of mast 3.2 metres)

\* All dimensions based on the Toyota Aygo for demonstration purposes, these will vary according to the height of the chosen vehicle platform.



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