



The TES SmallBlue is an unattended enforcement camera system that is used to automatically enforce Bus Lanes, Bus Gates, School Keep Clears and Moving Traffic contraventions.

TES Small Blue sends encrypted evidence using wireless transmission over the 3G/4G network to a control center where it can be processed by an operator using a compatible Review Client such as TES Review. Evidence of verified contraventions can then be transferred to a Notice Processing System for further action.

The Small Blue combines a powerful HD Camera with Automatic Number Plate Recognition (ANPR) to provide reliable high-quality video evidence.

The complete camera system is compact and unobtrusive and is easily mounted on suitable existing street furniture, buildings or a dedicated CCTV post and only requires a 240V power connection to operate.



SmallBlue

GEN 2

Bus Lane / SKC / MTC Camera System

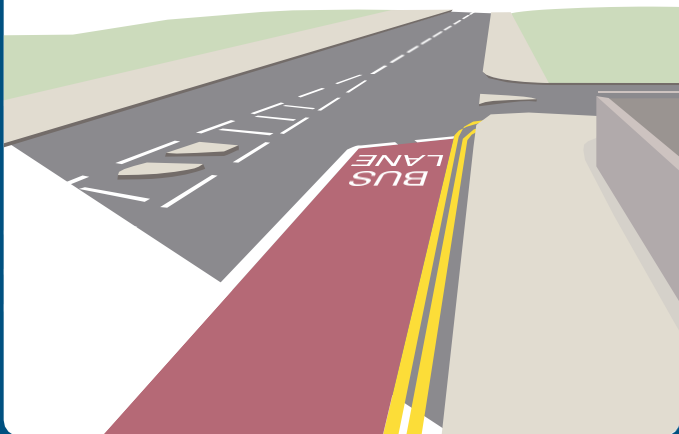
The Small Blue camera system can be used for the unattended enforcement of Bus Lanes and Moving Traffic Contraventions (for example Yellow Box Junctions, One Way Streets, Bus Gates, No Entries and Banned Turns) and School Keep Clears.

Key Benefits

- Efficient enforcement of Bus Lanes, SKC and Moving Traffic Contraventions in one package.
- Easy installation, camera and evidence processor only requires mains power.
- Flexible purchase or rental options available.

Main Features

- Unattended enforcement of Bus Lanes, SKC and MTC contraventions.
- Uses an HD Camera and ANPR engine to identify vehicles in contravention and capture video evidence.
- Day /Night Operation.
- Wireless 3G/4G transfer of encrypted evidence to supported Review Clients.
- Multiple White Lists.
- Remote on screen, camera adjustment and configuration.
- Remote system status monitor.
- Multiple Lane Support.
- Manufacturers Approved Device Certification.



Small Blue Camera Specification

- 360° PTZ.
- 1/2" CMOS sensor.
- Full HD 1080p.
- 6mm to 120mm Optical Zoom.
- Day & Night Vision.
- 40°C~+60°C All weather tolerance.
- Weather proof outdoor enclosure.



Small Blue Evidence Unit Specification

- Micro PC (i7).
- Small Blue Application Software.
- ANPR Engine.
- USB3 Video Dongle.
- 3G/4G Router.
- Modular weather proof outdoor enclosure.



Installation

The camera and evidence unit are easily mounted to pre-existing street furniture or a dedicated column via the fixing brackets provided with the system.

System Requirements

- TES Review Client for authentication of video evidence and integration with the Notice Processing System.
- Connection to a WLAN via the 3G/4G Router.
- 240V power connection.



GEN 3 Advanced Features



The Small Blue Gen 3 system can be also used to automatically monitor the noise, speed and pollution levels of traffic in the enforcement location using pre-configured pre-sets.

Noise Monitoring

The Small Blue GEN 3 can be fitted with a decibel meter that can be used to monitor indicated traffic noise levels. The data collected can be used for analytical purposes.

Air Quality Measurement

The Small Blue Gen 3 can be fitted with an air quality transmitter that measures up to four of the most common gaseous pollutants (NO₂, NO, CO, and ozone O₃) plus particles (PM_{2.5} and PM₁₀) in the ambient air. It also measures humidity, air pressure and temperature. The data collected by the system can be used for analytical purposes.

Speed Monitoring

The Small Blue GEN 3 can monitor indicated speed levels. The data collected can be used for analytical purposes.

Video Analytics

The Small Blue Gen 3 can be fitted with analytical software that can be used to determine the vehicle size, and filter traffic passing through a camera location, this can be cross referenced to other data sets (for example the class of vehicle, engine type) and merged with the air quality data to produce vehicle volume statistics by day, week month, etc. This information can be used for traffic counting, traffic monitoring and congestion prevention.



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