

T!POFF by Essa – Product Profile

The T!POFF system has been designed to help combat the problems associated with identifying vehicles carrying trade waste at tips and recycling centres. This is costing waste site operators hundreds of thousands of pounds in lost revenue every year.

Using its inbuilt sophisticated software linked to special number plate reading cameras, T!POFF identifies frequent visitors and alerts site staff by means of an on screen alert and broadcasts the number plate details together with an alert message to a radio pager.

T!POFF is simple to configure and once set up allows staff to easily identify suspect vehicles. Investigations can then be carried out to prevent further abuses or to clear the alert if the driver is a genuine householder.

Various different trigger levels can be set, for instance six visits within fourteen days may indicate that the vehicle is being used by a trader.



The T!POFF camera unit is a complete solution for reliable number plate capture. The number-plate camera unit combines the latest camera, optics, illumination and filter technologies to provide clear images of number plates 24 hours per day whatever the weather. A separate colour overview camera takes a snapshot of the vehicle which is stored in the database together with the captured image of the number-plate.

The T!POFF control system records vehicle movements into a site and can, on demand, generate activity reports giving management information about the numbers of vehicles visiting the site, how often certain vehicles visit, number of transgressions, individual reports on specific vehicles etc.

Each T!POFF system has the capacity to view up to two individual lanes of traffic, and comes as a complete package with appropriate camera pole and mounting brackets. Systems can be networked together to cover multiple lanes of traffic.

The in-built radio paging system is designed to automatically transmit a text message to up to 8 different pagers in the event of an alert.

The system can also be used as an on site messaging system to send text messages direct to individual staff carrying the pager.



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T!POFF - TECHNICAL SPECIFICATION

Number Plate Camera

Sensor:	1/2" Ex-view monochrome sensor
Resolution:	High resolution 570 TVL
Field of view:	3 metres wide x 3 to 22 metres distance - dependent upon lens
Max skew angle:	40 degrees from horizontal and vertical
Construction:	Robust aluminium casting & extrusion
Environmental:	Integral 6 watt heater & sunshield
Illuminator:	Max 150 watt
Bulb life	Maximum average 10 years Minimum average 2 years

Overview Camera

Sensor:	1/3" Ex-view colour sensor
Resolution:	High Resolution 480 TVL
Field of view:	3 metres wide x 3 to 14 metres distance
Construction:	Robust aluminium casting & extrusion
Environmental:	Integral 6-watt heater & sunshield

Mains Supply

230V 50Hz 1.6AT fuse <0.7 Amps

Mounting Bracket

3 metre bolt down pole - wall and side mount brackets available

T!POFF Control System

Complete solution based around a tower PC chassis with S-VGA CRT monitor, keyboard and mouse.

Camera capacity:	Single or two lanes of number plate cameras together with up to two overview cameras capacity.
Database fields:	Name, Address, Telephone Number, Vehicle Registration Plate, Manufacturer, Colour, Vehicle Type, Waste Type, and Alert Level.
Trigger parameters:	Fully programmable – for example - three trigger levels each with number of visits over a predetermined number of days, plus instant alert facility.
Report generator:	Searchable database allows creation of multiple reports.
Pager system:	Inbuilt software to automatically send alert messages with facility for free text input for on site messaging. Separate transmitter module and antenna.
Pager Range:	Up to 1 mile dependent upon operating conditions.
Pager receiver:	8 line Alpha numeric display, backlit LCD screen, low battery, repeat message, error message, unread message and out of range indications. Capacity for five different pagers/pager addresses.