

# HI-TRAC<sup>®</sup> UTC-L

## UNIVERSAL TRAFFIC COUNTER



### SYSTEM DESCRIPTION

The HI-TRAC<sup>®</sup> UTC-L is a small, low powered, low cost electronic system capable of monitoring up to 4 lanes. The UTC-L uses established loop sensor technology with TDC's Advanced Loop Profiling function to detect mixed traffic whilst recording vehicle classification, speed, wheelbase, gap and headway.

The UTC-L is powered by a small, sealed lithium battery mounted externally to the unit. The UTC-L battery life for standard operation is 2 years.

The UTC unit is sealed to IP68 and can be installed into either a small roadside pillar or post or into a small sub-surface chamber.

The UTC can be configured to automatically transmit traffic data via GPRS to a web server for secure data storage to a database. GSM dial-up communications is also supported.

### FEATURES

- 4 Lanes Loop-Loop Counter/Classifying
- Advanced Loop Profiling
- Programmable Vehicle Classifications
- Measures: Classification, Speed, Direction and Gap/Headway
- Vehicle-by-Vehicle (VBV) data storage
- GPRS/GSM Telemetry Option
- Bluetooth Option
- Sealed to IP68
- Long Battery Life (typically 2 years)





# TECHNICAL INFORMATION

## AVC ACCURACY

Volume	99%	Length	±8%
Gap	±8%	Headway	±7%
Speed	±1.5%		
AVC Speed Range 1 - 180 kph			

## AVC ACCURACY (EURO 6)

Class 1:	Motorbike	95%
Class 2:	Cars/Vans	97%
Class 3:	Cars/Vans + Trailer	97%
Class 4:	Rigid HGV	97%
Class 5:	Articulated HGV	97%
Class 6:	Buses and Coaches	95%

## STORAGE CAPACITY

4Mb Flash  
800,000 Vehicle VBV Records

## INPUT/OUTPUT PORTS

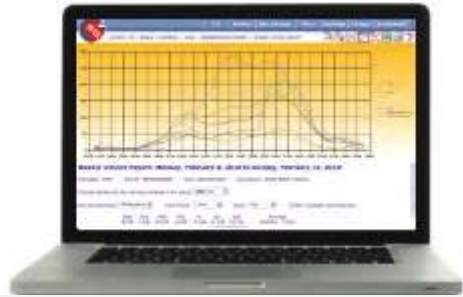
8 Nos.	Loop Sensors
1 No.	GPRS/GSM Modem
1 No.	Bluetooth
2 Nos.	Triggered Outputs

## POWER

7.2v Battery 18AH Lithium Thionyl Chloride

## DIMENSIONS & WEIGHT

120 X 120 X 60 mm (w d h) : 1 kg

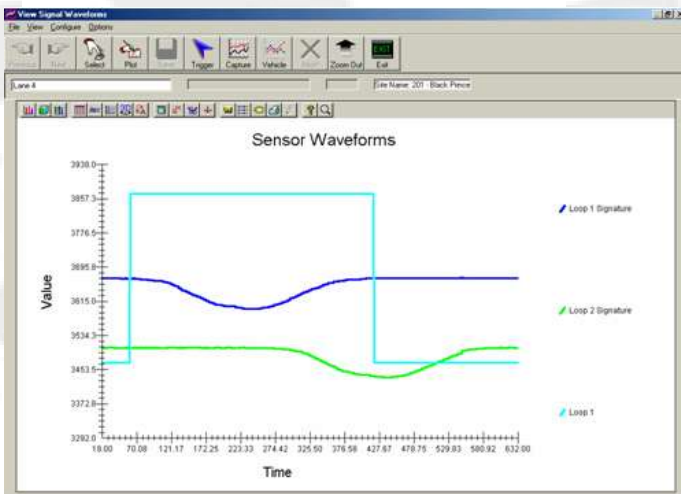


## SOFTWARE

HI-COMM 100 Compatible  
HI-COMM EZY Compatible  
HI-COMM LITE Windows Mobile Application (for suitable mobile phones)  
Drakewell C2 Software Suite Compatible  
Data hosting by TDC/Drakewell or by Client Secure data transmission to C2 database



Drakewell C2, C2 Web Reports



## INSTALLATION

Two loop sensors per lane.  
UTC electronics housed in above ground roadside pillar or post or in a sub-surface chamber.  
Typical installation time – 2 hours



## CONTACT US

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