



TRAFFIC SIGNALS & ACCESSORIES INTL

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Manual Digital Vehicle Counter (MDVC) DigiClick Specifications

Manual Digital Vehicle Counter (MDVC) Architecture

General Information on the Product:

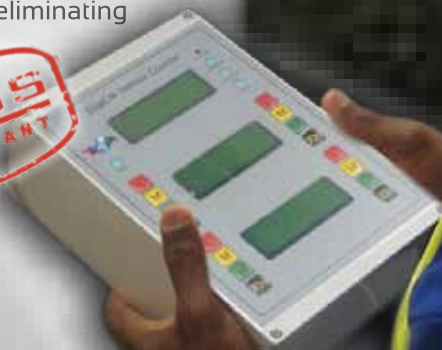
Traffic counts are used by Local Councils to identify the volume and type of vehicle using a particular route with the intention of improving traffic flow or providing alternative routes.

Traffic field studies are used to gauge the deterioration of the road surface for maintenance purposes as well. They are useful for comparing two or more roads, and also can be used alongside other methods to find out where the CBD of a settlement is located

The traditional method of capturing vehicle data on site has always been by means of a click/tick board. In this process people were allocated to stand on site and tick or strike off vehicles according to counts and classification in 15 minute intervals. The process was boring and tiresome resulting in computation errors due to a lack of concentration of the data capturer.

In our endeavor to improve on the quality of the manual data collection, TSA designed and developed the DigiClick Manual Vehicle Counter (MDVC).

The MDVC provided button selection for classification, at the same time maintains the counts during the classification. An Automatic storage every 15 minutes for a 7 day period and a visual display of the counts, thus eliminating unforced error.



Specifications:

- A large LCD display indicating the date, time and GPS co-ordinates
- LED display of the battery strength
- Automatic GPS location and lock button facility.
- LED displays of individual lane volume counts per classification
- Data automatically stored in 15 minute intervals.
- LCD backlight selection button for clear visibility night and day.
- Programmable up to 4 lanes.
- 4 vehicle classifications- light/ medium/ heavy/ extra heavy.
- User level security feature.
- On-board, battery indication is available.
- USB port for easy data transfer to computer
- Digiclik Reporter is a summary table indicating real-time second-by-second vehicle data together with the GPS co-ordinates per count.
- GPS co-ordinates validates that counts are done at the correct location and in the stipulated times requested by the client.
- Digiclik reporter provides graphical displays of volumes of counts per classifications as well total volumes per stipulated period.
- The reporter has the capability to select client-specific periods of data for evaluation.

Power supply:

- Input voltage: 100Vac- 240Vac, 50Hz
- Output voltage 18Vdc @ 1.1A
- 10 hour operation time on fully charged battery.
- Built in battery charger.

Enclosure:

- **Material** : Durable hardwearing Polycarbonate.
- **Dimensions** : Width -160mm
Length - 240mm
Height - 80mm



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