Bluetooth and Wi-Fi

BT200

The BT200 sensor developed by COMARK is able to detect Bluetooth and Wifi signals of the devices nearby. In detail, it detects the unique code that identifies the device's bluetooth and Wi-Fi. The complete system must be equipped with several BT200 devices so that, on detection of the same code by two different units, the travel time is calculated. Knowing the distance between two units, the system is then able to calculate the average speed.

BT200 unit is based on a CPU and on Bluetooth and WIFI transceivers to which it is possible to connect antennas with different characteristics depending on the installation position.

APPLICATIONS

- Evaluation of the average travel time between two points of the network

- Evaluation of the average speed between two points of the network

- Creation of origin and destination matrix
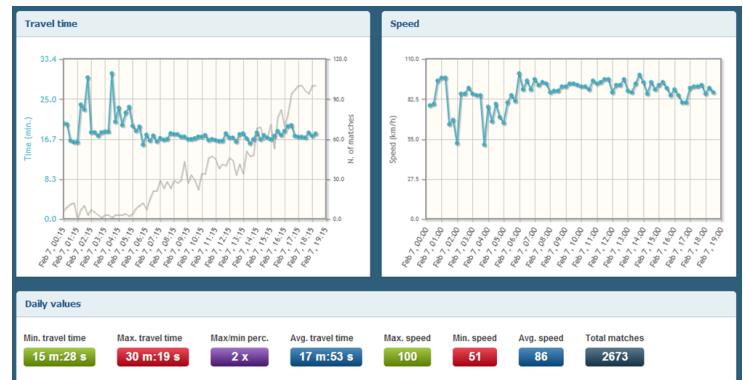
- Detection of traffic status

CENTRAL SOFTWARE

The BT200 communicates with a central software through wired or wireless (3G/4G) line. BlueView is the Comark recommended software and it is able to provide:

- Units diagnostics

- Reports on travel time and average speed

- Report of Origin and Destination

- User management

- Map

Figure 1: Report on travel time and average speed

Figure 2: With BT200 it is possible to verify urban mobility by monitoring vehicle flows at different times of the day

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