



B-MIX

Traffic counter with bikes classifying capability



BENEFITS



Sensitive
Detects all type of bikes



Invisible
Sensors buried into the lanes



Detailed
Provides direction of travel



Efficient
Counts bikes, cars and trucks



Accurate
Measures speed and length



Wireless
Bluetooth and 3G communication



Self-powered
Solar panel or Battery powered



Durable
Long-lasting without maintenance

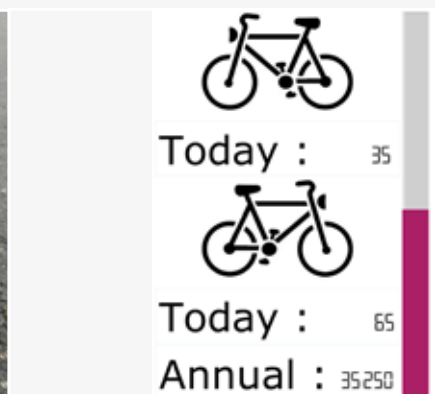
DEFINITION

Based on proven piezoelectric technology, B-MIX counter is sensitive enough to detect bicycles and motorcycles in addition to all other vehicles.

Suitable for counting bikes on dedicated cycling facility, B-MIX is also able to count and classify both bikes and vehicles on shared roads in mixed traffic conditions.

APPLICATIONS

- Obtaining reliable data on cycling trips to assess objectively the benefits of an active policy on soft mobility
- Understanding current use of road infrastructure to plan future improvements to encourage cycling





FEATURES

- Up to 4 lanes capability
- Vehicle-by-vehicle measurement
- Configuration and data retrieval through user-friendly App
- Seamless data transmission to WEBTRAFFIC

ACCURACIES

- Traffic flow: $\pm 1\%$
- Bikes flow: $\pm 3\%$
- Speed: $\pm 5\text{km/h}$

ADD-ON

- Real-time display of daily and yearly bike rides

SENSORS

- Reliable and durable technology
- Electromagnetic loops
- Piezoelectric sensors
- Length : variable from 1m to 5m with 50cm step



LAYOUTS



- Traffic & bikes counting
- Classification by direction
- Classification by category
- Speed measurement

Maximum traffic flow < 1 000 vehicles/h



- Traffic & bikes counting
- Classification by direction
- Classification by category
- Speed & length measurements

No limit on traffic flow



- Traffic & bikes counting
- Classification by lanes
- Classification by category
- Speed & length measurements

Dedicated to one way lanes

No limit on traffic flow

WEBTRAFFIC

WEBTRAFFIC is a cloud-based Software as a Service that collects, analyzes and shares traffic data from road networks

- Intuitive interface
- Secure access
- Users rights management
- Site mapping
- Automatic data collection
- Efficient analysis tools
- Custom reports
- Remote supervision
- Alert messages by e-mail or SMS
- Public web pages

<https://webtraffic.mysterela.com>



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