



B-MIX

Counting Range for Traffic & Two-Wheelers

Traffic counting station, capable of distinguishing two-wheelers on mixed or dedicated lanes (with piezo sensor).

KEY ADVANTAGES

✔ Obtain valuable data on cycling mobility dynamics

✔ Anticipate possible lane sharing

MAIN FEATURES



Motorcycle / Bicycle distinction

Detects all types of two-wheelers



Discretion

Sensors integrated into the roadway



Direction Detection

Detects direction of travel



Classification

Two-wheelers, motorcycles, light vehicles, heavy vehicles, buses



Performance

Speed measurement



Data Transmission

GPRS / 4G modem



Power Supply

Battery + Solar / Electric



Durability

Maintenance-free



Polyester station



Built-in cabinet

B-MIX

SPECIFICATIONS



SENSORS

- Reliable and robust technology
- Electromagnetic loop to detect vehicles
- Piezo-polymer to detect wheels



ACCURACY

- Flow < 2%
- Speed < 5%
- Silhouette < 15%



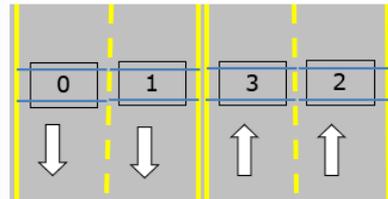
FEATURES

- Accurately monitor usage of a cycle lane or tourist greenway
- Objectively measure the success of soft mobility policies
- Justify investments in future infrastructure

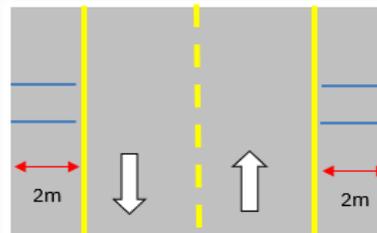


CONFIGURATION

- Counting + Speed on mixed lane: traffic & two-wheelers (Loops + piezos)



- Counting + Speed on dedicated lane: traffic / two-wheelers (piezos only)



INTEGRATION

- Variable sensor lengths to adapt to different road widths
- Available in polyester cabinet (optional metal version)
- Custom integration in street furniture or discreet housing for protected natural areas

WEBTRAFFIC



Data processing via the WEBTRAFFIC platform



→ <https://webtraffic.mysterela.com>