

countmatic 

MORE THAN

counting traffic

intermatic 



## WHY COUNTING?



Understanding how many pedestrians travel/walk on a given route



Defining busiest times and locations



Following trends and people's choices in a given neighbourhood



Improving cyclist, pedestrian and vehicle infrastructure



Raising awareness about cycling and encouraging people towards healthier lifestyle

Real-time communication provides instant data on pedestrian and bicycle users to understand the potential impact on services and infrastructure.



Automated data retrieval, monitoring and reporting through Insights provide an easy-to-use platform for maintenance, analysis and improvements.

# TURN-KEY SOLUTIONS

## FOR ADVANCED TRAFFIC COUNTING

We developed a group of traffic counters and rounded them up under the new Countmatic brand.

### PORTFOLIO

#### PEDESTRIAN COUNTER

CountMatic Trail is a device based on PIRO sensor detecting the body temperature of pedestrians. Each time a pedestrian crosses the sensor's detection range, single crossing is counted. Differently shaped enclosures allow the device to adapt to the given environment.



#### CYCLIST COUNTER

The Velo counter with loop detector technology detects cyclists, whether it is on all-vehicle "sharrow" road or a bike lane. Based on programmed criteria and special algorithm, the sensors distinguish cyclists from other vehicles with more than 95% accuracy.



#### TRAFFIC COUNTER

This traffic counter provides vehicle counting, vehicle classification and speed measurement. The device can count and measure the speed of vehicles in both directions, for incoming and outgoing traffic, is self-powered, reliable and accurate.



TraffStat

Online application for traffic statistic analysis.

# COUNTMATIC

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# TRAIL



## Newest Pedestrian Counter



Battery-powered



Easy to install



Compact design & low maintenance



Small and light-weighted

# Countmatic Trail

One of the lightest pedestrian counters with easy installation, available in various designs.



## GENERAL & TECHNICAL CHARACTERISTICS


- Placement:** approx. 80 cm height
- Detection mode:** PIRO sensor
- Detection direction:** Bidirectional
- Detection accuracy:** > 95 %
- Detection range:** 5 m
- Battery life:** > 1 year
- Power supply:** Internal battery
- Communication type:** 4G, Bluetooth (optional)
- Operating temperature range:** -10°C to +50°C
- Compatible with web app:** TraffiStat
- Protection factor:** IP68
- Weight:** 400 g
- Dimensions:** 150 x 85 x 40 mm
- Colour:** customizable

Trail counter has incorporated sensor using infrared technology, which detects the body temperature of passers-by. Each time a pedestrian crosses the sensors detection area, it counts it as a single crossing.



Various designs available to suit different environments, security against vandalism and resistency to all weather conditions.

# COUNTMATIC

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# VELO



Newest Multifunctional Bike Communicator



3 adjustable displays



Robust, compact & reliable



Customizable color & graphics design

# Countmatic Velo

Cycling is indispensable factor in the sustainable development of cities and regions, and the cyclist counter is an indispensable part of cycling infrastructure.

## ORDER OPTIONS

- 1 Velo counter
- 2 Velo totem
- 3 Velo display



## GENERAL & TECHNICAL CHARACTERISTICS

**Detection mode:** Inductive loops

**Detection direction:** Bidirectional

**Detection accuracy:** > 95 %

**Measurement range:** 5 km/h to 50 km/h

**Battery life:** switching power supply (with 230V/ batteries)

**Power supply:** Internal battery

**Communication type:** 4G, Bluetooth (optional)

**Operating temperature range:** -10°C to +50°C

**Compatible with web app:** TraffiStat

**Protection factor:** IP68

**Dimensions (totem):** 1900 x 520 x 180 mm

**Colour:** various RAL selection



# COUNTMATIC

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## VIA



Flexible and Mobile Traffic Counter



Easy to install and use



Robust, compact and reliable



Small, light and solid casing



# Countmatic Via

Portable Radar Device for Vehicle Counting, Classification, and Speed Measurement. CountMatic Via has its own power supply and ensures accurate measurements. Installation does not require any roadwork.



## GENERAL & TECHNICAL CHARACTERISTICS

**Placement:** Mounting height between 0,5 and 3,20 m

**Technology:** Integrated Doppler radar 24.165 GHz

**Detection direction:** Bidirectional (approaching, departing or both directions)

**Classification:** up to six vehicle classes

**Detection accuracy:** > 95 %

**Measurement range:** 1 km/h to 250 km/h

**Operating time:** up to 4 weeks

**Power supply type:** Internal battery, power supply (with 230V/ 12V) or solar

**Communication type:** 4G, Bluetooth (optional)

**Operating temperature range:** -10°C to +50°C

**Compatible with web app:** TraffiStat

**Protection factor:** IP68

**Weight:** 4 kg

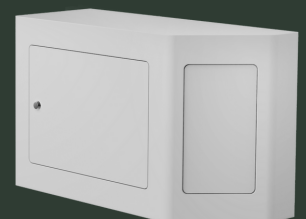
**Dimensions:** 270 x 195 x 100 mm

**Colour:** white or dark grey

SOLAR



BATTERY-POWERED



# TRAFFISTAT

web app



TraffiStat web application enables remote access to our devices, their control, overlook and data management.

App includes modules for **all 3 types** of counters.



MONITOR. ASSESS.

# Traffi Stat Web App

Any number of devices can be integrated into TraffiStat application. The location of each individual device is visible on the interactive map. With simple mouse click on the devices map position you can access real time statistics data.



CountMatic Trail, pedestrian counters



CountMatic Velo, cyclist counters



CountMatic Via, vehicle counters

## APP ENABLES:

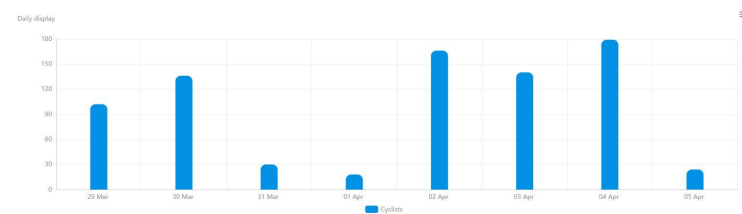
- Display of the device on the interactive map
- Monitoring of detailed statistical data
- Changing device settings
- Comparative charts of various statistical parameters for any selected period
- Automatic export of statistic report to e-mail address in PDF or DOCX format
- Automatic positioning of the location of the device on map by GPS
- Performance monitoring (service access)

& much more...

### Statistics for the selected period

795 The number of cyclists  
 5843 Number of cyclists in the year  
 99 Average no. of cyclists per day  
 398 Average no. of cyclists per week  
 398 Average no. of cyclists per month

### The number of cyclists



### Statistics during the period

CLASSES	NUMBER
1 - 5 km/h	29
6 - 10 km/h	51
11 - 15 km/h	365
16 - 20 km/h	254
21 - 25 km/h	80
26 - 30 km/h	13
31 - 35 km/h	2
36 - 40 km/h	1

Custom speed range

0 - 40 km/h 795

### Speed classes



# CONTACT

# Information



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## WHY US?

Our own signature products and services  
backed by more than 20 years of experience



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