



## RidePod® BP

Monitor bikes, e-scooters and pedestrians

### High Sensitivity Detection

We have used our expertise in piezoelectric sensor technology to develop the world's first all-in-one system for accurately monitor bicycles, e-scooters and pedestrians.

Two piezoelectric sensors embedded in the pavement are connected to the RidePod BP counter to record axles and pedestrian footfalls. With advanced detection algorithms, the system identifies and insulates bike and e-scooter traffic. The remaining data is further processed to produce a reliable and consistent pedestrian count.

### Discreet Cabinet

Completely weatherproof, the MetroCount cabinet includes a solar panel and 3G modem, providing continuous power and remote data connection.

### True Bike Direction

Data collected with the RidePod BP records the direction of travel, regardless of the position of a bike on the path. This information is useful to assess commuter periods and cyclist behaviour.

### Bike Speed Information

Monitoring bike speeds and headway can reveal

potential hazards on bike paths. Virtual week reports can provide insight into conditions during peak and off-peak hours.

### Count Bikes In A Cluster

With cyclists often traveling in clusters, the MetroCount Traffic Executive software can effectively distinguish bicycle groupings to present cyclists travelling in a cluster.

### Pedestrian Volumes

RidePod BP datasets can be analysed to view pedestrian counts over any time frame. Combined with bike analysis, RidePod BP is a powerful tool for monitoring sustainable transport initiatives.

### RidePod BP + FieldPod®

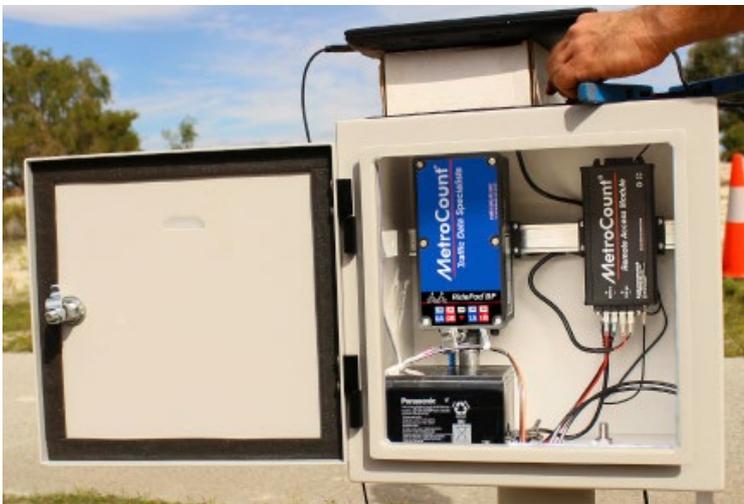
FieldPod subscribers are provided with data digitally on a regular schedule. Along with managing data download and site diagnostics, MetroCount offer customised reporting services with FieldPod.

### MetroCount Specialists

Our in-house bike specialists can manage the entire process from site selection and counter installation to data delivery and analysis assistance.



*RidePod® BP counts both bikes and people, providing bike direction even when bikes travel on the wrong side.*



Equipment is protected in the weather proof cabinet.



## RidePod® BP 5920 Hardware Specifications

**Sensors:** Piezoelectric strips

**Memory:** Up to 1 million bicycles and e-scooters

**Internal battery:** 6V 18Ah, 4 D alkaline cells

**Internal battery life:** 2-3 years of continuous use or 5 years as backup

**External battery:** 12V rechargeable battery

**Enclosure:** Mounted cabinet with solar panel

**Add-ons:** Remote Access Link



RidePod® BP is installed on a shared path to record bicycles, e-scooters and pedestrians.

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