

RidePod® BT

Portable bike & scooter counter

Optimised For Active Transport Modes

The RidePod® BT uses the same core technology as the RoadPod VT however is specifically adapted to monitor active transport modes on cycleways and shared paths.

A combination of thin-walled pneumatic tubes and highly sensitive air switches ensure every single axle hit is recorded and time stamped.

When analysing the raw data, MTE's complex algorithms accurately differentiate individual bicycles, scooters, cargo bikes or motorcycles from all other traffic, even when travelling together in tight groups.

Up To 4 Years Battery Life

The RidePod BT will record continuously for around 4 years without requiring a battery change.

Remaining battery life is dynamically projected in the MTE® software to avoid power outtages during surveys.

Store 4 Million Axles

Improved memory capacity enables the RidePod BT to store up to 1 million bikes, allowing longer traffic studies. In low traffic conditions, the RidePod BT can be used for semi-permanent applications.

Daily bicycle volumes	Memory capacity
16,000	120 days
8,000	240 days
4,000	480 days
2,000	960 days

Connecting to your counter remotely



Avoid time-consuming site visits or having to repeat surveys due to delays in diagnosing issues. Quickly download data and check tubes daily from any computer running MTE® with the Remote Access Link.

The Link connects to the RidePod BT and securely transmits sensor diagnostics and traffic data to your desk via a mobile network.





RidePod® BT 5926 Hardware Specifications

Sensors: Thin-walled, pneumatic tubes

Memory: Up to 1 million bicycles or scooters

Memory type: Flash

Battery: 6V 18Ah, 4 D alkaline cell

Operational: From -20°C to 70°C degrees and up to 95% humidity

Enclosure: Stainless steel road case and weatherproof internal case

Dimensions: 350mm x 124mm x 95mm

Total weight: ~4.13kg

Included: • Unlimited MTE® software users

Required: • Bike survey field kit
• Data communications cable

Optional: • Remote Access Link
• ATLYST® online data analytics
• ATLYST® API



“ We have 5 RidePods with remote access. These are usually placed on dedicated, on-road bike lanes & help us better understand recreational cycling.

They are a valuable asset and we've used the data collected to apply for funding to improve infrastructure in those areas.

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- CITY OF ONKAPARINGA, AUSTRALIA



The RidePod® BT can be installed on sealed or unsealed dedicated bike lanes, shared paths and cycleways.



Installation is quick and easy. Once your survey is complete, move the RidePod® BT to a different location.

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