

MetroCount[®]

TRAFFIC DATA THAT MOVES PEOPLE



AUTOMATIC TRAFFIC COUNTERS



REAL-TIME DATA ANALYSIS

VEHICLE TRAFFIC COUNTER AND CLASSIFIERS



RoadPod® VT

Portable traffic counter with two rubber hoses for short-term road traffic surveys.



RoadPod® VT4

Portable traffic counter with four rubber hoses, enabling comprehensive data collection from highways and other multi-lane roadways.



RoadPod® PhaseT

This counter is attached to traffic lights or rail crossings, using rubber hoses and an optical fibre connection to gather traffic data in relation to signal phases.



RoadPod® VP

Permanent vehicle counter with piezoelectric sensors. Ideal for major roads with heavy flows to provide continuous, lane by lane, seasonal data.



RoadPod® VL

Permanent vehicle counter using inductive loops for recording class, speed and volume data (model VL5810) or just traffic volumes (model VL5805).



RoadPod® VM

Tiny, unobtrusive and off-grid vehicle counters that can be permanently installed in a minute, and provide real-time speed, gap & length traffic data through ATLYST®.



RoadPod® VM-I

Embedded, flush, off-grid vehicle counters that can be permanently installed. Provides real-time speed, gap & length traffic data through ATLYST®.

ACTIVE TRANSPORT COUNTER AND CLASSIFIERS



RidePod® BP

Permanent counter gathering data on bikes, scooters & pedestrians with embedded piezoelectric sensors. Can be paired with RidePod® QR bike data display.



RidePod® QR

A custom-designed sign positioned beside a path or cycleway, featuring a scannable QR code that enables the public to explore local cycling data.



RidePod® BT

Portable bike counter with rubber hoses for short-term bicycle & scooter surveys.

RoadPod® VT

PORTABLE VEHICLE COUNTER & CLASSIFIER

VOLUME | SPEED | AXLE-BASED CLASSIFICATION | HEADWAY & TRAFFIC GAP | DIRECTION

The RoadPod® VT system is used in 135 countries. Renowned for recording up to 4 million vehicle axles with greater than 99% accuracy, it is the best solution for short-term traffic monitoring on the market.

Economical, easy to install & replace, two pneumatic hoses record traffic under a broad range of conditions. The counter has an expected lifespan of 10+ years.

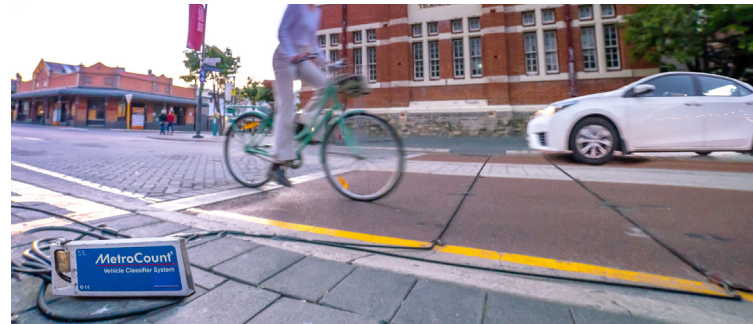
Sensors: Two pneumatic hoses

Memory: Flash, up to 1 million vehicles

Battery life: Up to 4 years

Enclosure: Stainless steel road case

Remote Access Link: Optional



RoadPod® VT4

PORTABLE FOUR-TUBE COUNTER & CLASSIFIER

VOLUME | SPEED | AXLE-BASED CLASSIFICATION | HEADWAY & TRAFFIC GAP | DIRECTION

The RoadPod® VT4 is the solution for collecting comprehensive and accurate data from multi-lane roads, often used for monitoring highways.

With four hoses, one counter collects two datasets from two lanes, regardless of traffic direction. A combination of VT4s can simultaneously monitor up to eight traffic lanes in all weather and lighting conditions.

Sensors: Four pneumatic hoses

Memory: Flash, up to 4 million axles

Battery life: Up to 2 years

Enclosure: Stainless steel road case

Remote Access Link: Optional



RoadPod® PhaseT

VEHICLE BEHAVIOUR AT TRAFFIC SIGNALS

VOLUME | SPEED | AXLE-BASED CLASSIFICATION | HEADWAY & GAP | RED LIGHT VIOLATIONS

The RoadPod® PhaseT simultaneously collects traffic data (via hoses) and signal timings (via fibre optic cable) to paint a clear picture of road activity at traffic signals and rail crossings.

The PhaseT is often used to assess reaction times during the yellow warning phase, identify potential violations, or to evaluate the effectiveness of the signals. Data collected will highlight safety risks associated with red and yellow light violations and speeding.

Sensors: Two pneumatic hoses and fibre optic cable

Memory: Flash, up to 4 million axles

Battery life: Up to 2 years

Remote Access Link: Optional



RoadPod® VP

PERMANENT PIEZOELECTRIC COUNTER

VOLUME | SPEED | AXLE-BASED CLASSIFICATION | HEADWAY & TRAFFIC GAP | DIRECTION

The RoadPod® VP offers the highest level of accuracy and detail for a permanent monitoring solution. Designed for multi-lane data collection, the system uses two low profile piezoelectric strips embedded in the pavement.

The RoadPod VP is ideal for identifying seasonal trends, traffic changes over time, and determining adjustment factors for short-term traffic surveys.

Sensors: Two or four piezoelectric strips

Memory: Flash, up to 4 million axles

Enclosure: Stainless steel cabinet with solar panel

Remote Access Module: Optional



RoadPod® VL

PERMANENT INDUCTIVE LOOP COUNTER

VOLUME | SPEED | LENGTH-BASED CLASSIFICATION | HEADWAY & TRAFFIC GAP | DIRECTION

The RoadPod® VL series uses loop sensors to detect vehicles entering and leaving an inductive field. This system can be cost-effectively retrofitted to existing sensors

VL5810 model provides vehicle volume, class, speed, direction and other traffic-related data.

VL5805 model is ideal when only volume data is needed.

Sensors: Two or four inductive loops

Memory: Up to 500,000 classified vehicles

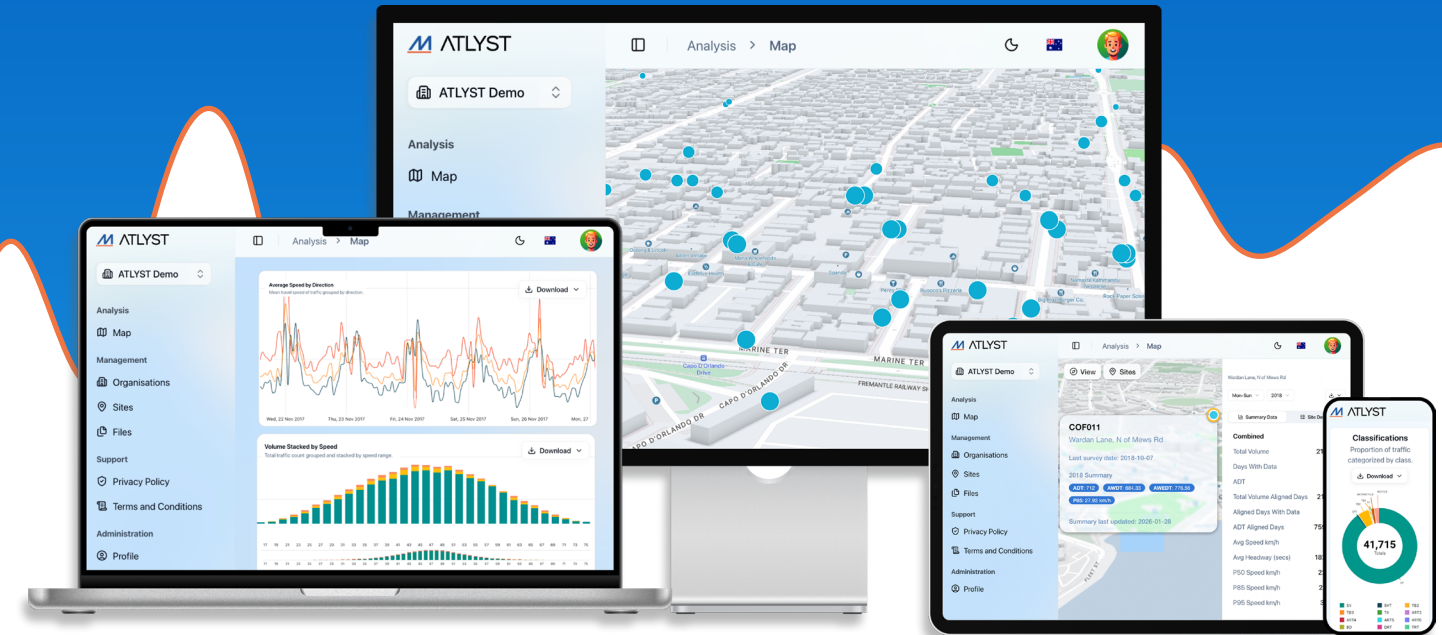
Enclosure: Stainless steel cabinet with solar panel

Remote Access Module: Optional



ATLYST®

powered by MetroCount Traffic Executive software



SEE TRAFFIC DATA CLEARLY

**Understand it quickly.
Use it with confidence.**

Instead of digging through reports or spreadsheets, ATLYST displays all of your data, seamlessly, all in one place.

It turns raw traffic information into something people can understand, explain with ease, and stand behind.

GENERATE PRESENTATION-READY REPORTS IN JUST ONE CLICK

Create clean, professional reports without rebuilding or reformatting. ATLYST supports thoughtful, well-considered analysis – without friction.

SIMPLE BY DESIGN

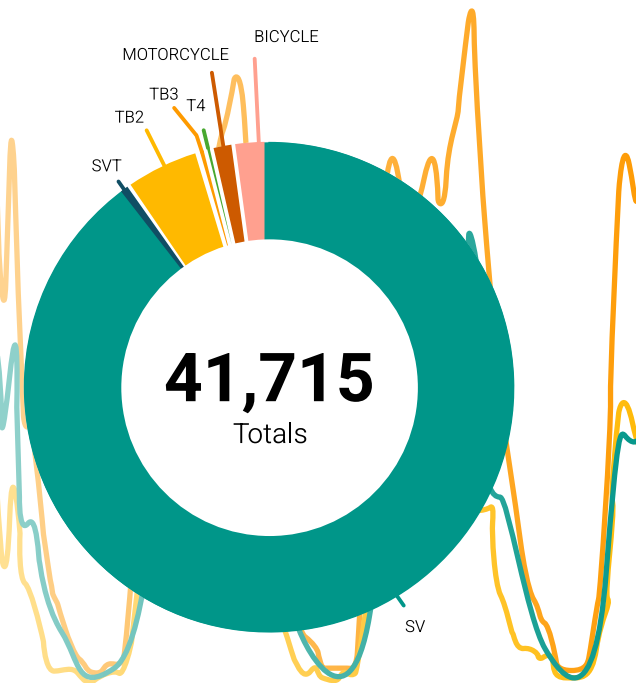
Produce professional traffic reports effortlessly.

ATLYST keeps data management simple on purpose.

- Upload and download traffic data with ease
- Securely store traffic, report, and multimedia files in one central archive
- Access data from any computer
- Retain full ownership of your information
- Export files for sharing or reuse when needed

ENGINEERED FOR USE BY:

- Planners and engineers
- Local governments and agencies
- Consultants and decision makers
- Anyone who needs to explain traffic information clearly



RoadPod® VM

REAL-TIME PERMANENT TRAFFIC COUNTER

VOLUME | SPEED | LENGTH-BASED CLASSIFICATION | HEADWAY & TRAFFIC GAP | DIRECTION

The RoadPod® VM was designed to be the simplest and fastest traffic sensor to install on sealed roads, taking just a minute for sensors to be permanently installed.

The sensors work in an array to accurately count vehicles in real time, monitor speeds and classify vehicle type based on the length of each passing vehicle. Gap and headway information is also available and all data is precisely time-stamped.

Sensors: Four, 3-Axis magnetometers per lane.

Memory: Unlimited (with Cloud connectivity).

250K vehicles with no connectivity.

Battery life: Unlimited. 100% solar powered.

Software: ATLYST® online analytics dashboard.



RoadPod® VM-I

EMBEDDED, REAL-TIME TRAFFIC COUNTER

VOLUME | SPEED | LENGTH-BASED CLASSIFICATION | HEADWAY & TRAFFIC GAP | DIRECTION

The RoadPod® VM-I is a permanently embedded, solar-powered vehicle detection system, delivering year-round traffic monitoring in real-time. Its flush, in-road design ensures accurate, uninterrupted data collection, remaining protected from traffic, snow ploughs, and harsh weather conditions.

Like the patented VM, the VM-I captures time-stamped speed, vehicle class, gap, and headway data for each passing vehicle.

Sensors: Three, 3-Axis magnetometers per lane.

Memory: Unlimited (with Cloud connectivity).

250K vehicles with no connectivity.

Battery life: Unlimited. 100% solar powered.

Software: ATLYST® online analytics dashboard.



ATLYST®

ACTIVE TRANSPORT DATA MANAGEMENT AND ANALYSIS



RidePod® BP

BICYCLE, SCOOTER & PEDESTRIAN COUNTER

VOLUME | SPEED | HEADWAY & GAP | TRUE DIRECTION | BIKE CLUSTERS | PEDESTRIAN VOLUMES

The RidePod® BP is the device of choice for sustainable transport planning. Using two sensitive piezoelectric strips, this system is not affected by weather, light or temperature, ensuring accurate, continuous data gathering 24/7.

The sensors simultaneously detect and time-stamp each bicycle or scooter axle hit, accurately classifying even when in clusters. Pedestrian volumes are reliably recorded with analysis occurring afterwards in the MTE software and ATLYST®.

Sensors: Two piezoelectric strips
Memory: Flash, up to 1 million bikes and e-scooters
Enclosure: Stainless steel cabinet with solar panel



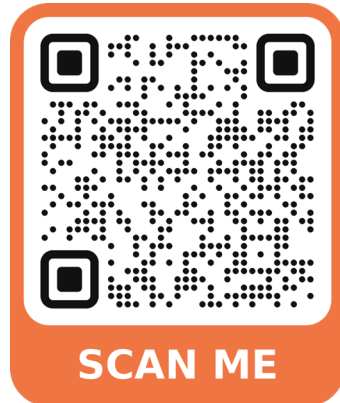
RidePod® QR

VOLUME | SPEED | CLASS | HEADWAY & TRAFFIC GAP | TRUE DIRECTION | BICYCLE CLUSTERS

The RidePod® QR displays cycling data to the public via a scannable code on a customised sign at the edge of a path or bike lane.

Once scanned, an interactive map of all nearby public cycling data sites is viewable on any smart phone.

Each site can display cycling volumes, speed, direction, gap and bike or scooter types.



RidePod QR is powered by ATLYST®, with data refreshed every 15 minutes, giving the public an up-to-date view of cycling movements in their city.



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RidePod® BT

VOLUME | SPEED | CLASS | HEADWAY & TRAFFIC GAP | TRUE DIRECTION | BICYCLE CLUSTERS

PORTABLE BICYCLE AND SCOOTER COUNTER

The RidePod® BT is optimised for detecting bicycle and e-scooter axles with thin-walled pneumatic hoses for increased sensitivity.

In the MTE software included, every axle hit is used to accurately identify individual bicycles in clusters and distinguish bikes and e-scooters from all other traffic. This results in accurate volume, speed and true direction statistics.

Sensors: Two thin-walled pneumatic hoses

Memory: Flash, up to two million bicycles

Remote access: Optional

Software: ATLYST® online analytics dashboard



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