RoadPod® VP

Continuous individual vehicle monitoring

Individual vehicle data 24/7

The RoadPod® VP piezoelectric monitoring system offers lane-by-lane information on every vehicle passing the sensors.

Designed to provide extremely detailed and accurate traffic data, the system time-stamps and classifies every vehicle, according to common or custom-made schemes and provides volume, speed, direction, traffic gap and headway data.

Multi-lane monitoring

Designed to monitor multi-lane roadways with high traffic volumes, each RoadPod VP connects to four piezo strips. This enables one unit to simultaneously monitor two traffic lanes.

In multi-lane applications, per lane datasets can be effortlessly combined to report totals. Numerous filters can then be applied for a detailed analysis.

Long term surveys to identify seasonal trends and year-on-year growth

With sensors discreetly embedded into the road and the counter housed in a secure cabinet by the roadside, the RoadPod VP consistently records in all weather and lighting conditions 365 days a year.

This makes it ideal for identifying seasonal trends, traffic changes over time, and determining adjustment factors for short-term traffic surveys.

Remote data delivery

Receive validated data on a custom schedule either to your inbox or with a subscription to the ATLYST® analytics dashboard.

Expert data services can include:

- Receiving validated data at a schedule of your choice.
- Automated weekly system checks to ensure optimal functionality long-term.
- Receive prompt notification of any data anomalies.
- Choose to receive customised reports, spreadsheets or .csv files prepared by MetroCount data specialists.
- Choice to have information automatically loaded to ATLYST® analytics dashboard for automated analysis.

RoadPod® VP 5910 Hardware Specifications

Sensors:	Dual piezoelectric strips per lane
Memory:	Up to 2 million axles
Battery life:	Unlimited. Solar panel and rechargeable battery system
Battery:	6V 18Ah, 4 D alkaline cells
Enclosure:	Stainless steel mounted cabinet with embedded solar panel
Dimensions:	40x30x110cm
Operational:	From -20°C to 70°C degrees and up to 95% humidity

Included:

- Unlimted MTE software users

Optional:

- Remote Data Delivery
- Custom data reports
- ATLYST® online analytics
- ATLYST® API
- MC Piezo Test

Dual piezoelectric sensors per lane of traffic recording information on every vehicle 24/7, 365 days a year.

> Council has installed MetroCount permanent traffic counters at 14 sites across the region.
>
> Now we will be able to see seasonal differences in the use of the road network such as changes in holiday periods compared to school terms or changes to the road network due to roadworks or new roads opening.
>
> **- FRASER COAST REGIONAL COUNCIL, AUSTRALIA**

Piezoelectric sensors are highly sensitive, low-profile, durable and can withstand snow clearing.

The roadside cabinet includes a solar panel, back up battery & modem that securely transmits data remotely.

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