



RoadPod® VT Vehicle Tube Counter

Stronger. Faster. Better

Reliability and Accuracy

Detecting axles using rubber pneumatic tubes is the most cost-effective temporary traffic counting method. For portable surveys, pneumatic tubes are cheap, easy to install, reliable, and remain accurate under a broad range of environmental conditions.

Designed For Simple Operation

The RoadPod® VT is operated with MTE™ v5.x for survey set-up, data unload and site diagnostics. Units are designed to be maintenance free, with auto-ranging sensors and highly accurate time clocks.

Up to 5 years battery life

With advanced idle mode the RoadPod® VT has up to 8 times less power consumption than predecessors.

Easily replaceable alkaline battery packs allow for continuous traffic surveys, with a predicted battery life of 5 years, based on usage patterns. Remaining battery life is projected in MTE.

Store Over 4 Million Axles

Improved memory capacity enables the RoadPod® VT to store up to 1 million vehicles, allowing for 4 times longer duration traffic studies.

Post-purchase Upgrades

RoadPod® VT features an upgradable “Signature”, which enables different levels of analysis, from simple counts through to saturation flow charts. This caters for the varying demands of engineers, allowing post purchase upgrades without the cost of new hardware.



Remote Access with FieldPod®

RoadPod® + FieldPod®

The RoadPod® VT can be extended to provide remote functionalities with the optional FieldPod® add-on. Through the mobile network, FieldPod® enables remote download, system and site diagnostics. Enhancing the RoadPod® VT with FieldPod® creates an ideal solution for surveying low volume sites

year-round or monitoring critical multi-lane sites that require regular checking.

Flexible Enclosure Options

We offer enclosure options for adding FieldPod® to mobile counters. The system simply requires an external battery, remote access module and antenna.



The MetroCount cabinet with solar panel enables a semi-permanent enclosure for the RoadPod® VT while a custom pelican case housing provides a more portable option.



Tube locking slots ensure road tubes are tamper proof.



Standard accessories for the RoadPod® VT.

RoadPod® VT Hardware Specifications

Model: MC5900

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

Sensor type: Pneumatic tube.

Time resolution: Better than 1ms.

Enclosure: Dual system with stainless steel road case and internal unit.

Dimensions: Stainless steel road case – 350mm x 124mm x 95mm.

Weight: Stainless steel road case, internal unit and battery - 4.13kg

Included: MTE™ v5.x software.

Required accessories: Traffic survey field kit, data communications cable.

Optional accessories: Windows tablet or notebook computer.

