



ROYAL BOTANIC GARDEN, SYDNEY



3.4.3 Vehicle Counting

Purpose

The SMART.NODE™ vehicle counting service is a modular unit installed to capture the movement of pedestrians in a range of public spaces.

Where a CCTV is installed with a clear view of traffic, authorities can use this service for vehicle counting, the detection of loitering and even the identification of unclaimed objects.

Reports produced from the vehicle counting service are made available on the e³ in graphical, text and/or Comma Separated Value (CSV) formats for import into spreadsheets. Counts for an area can also be graphed for different time periods to allow for comparative assessment.

Equipment List

Devices used to collect vehicle counting data are as follows:

- Meshlium
- Sensys
- Golden River

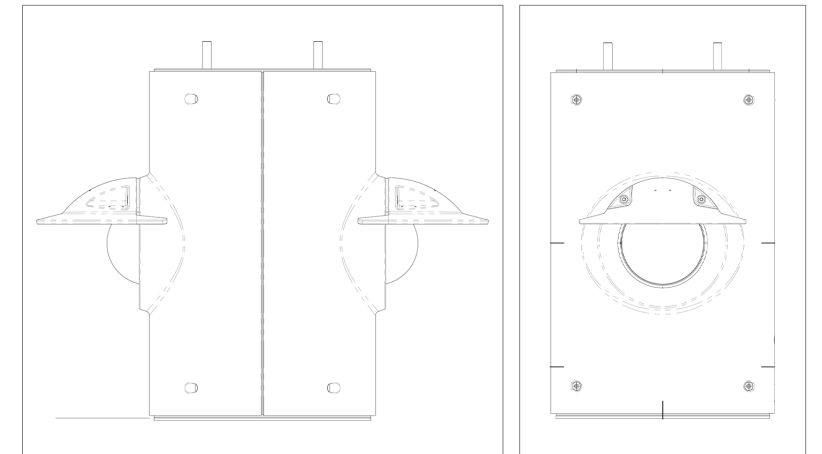
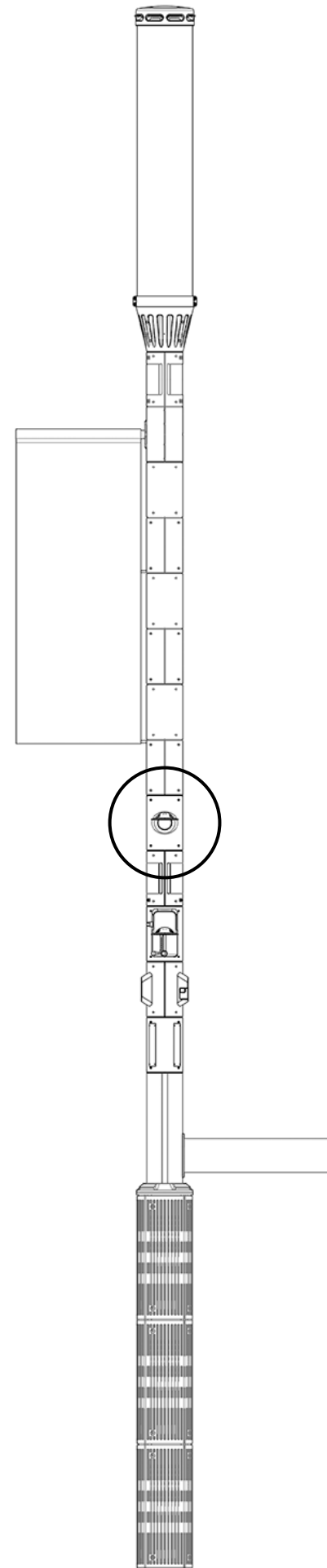
Control System

Vehicle counting data is visualised, controlled and analysed through the e³ CMS platform.

Performance Data

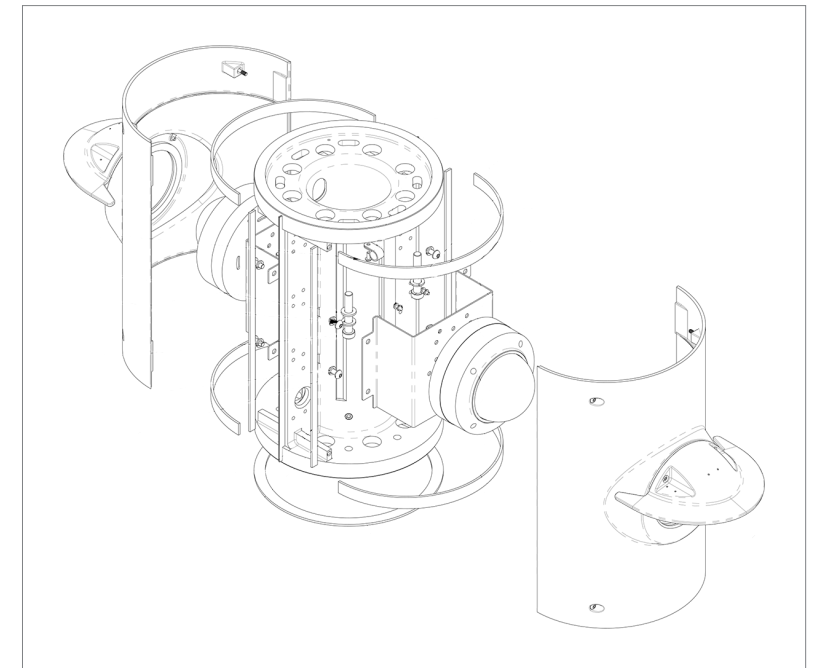
For detailed information please refer to the product specification datasheet.

- Number of cars passing daily in a street
- Detects vehicle through Bluetooth and Wi-Fi
- Detects pedestrian through Bluetooth and Wi-Fi
- Detects pedestrian using iPhone and Android phones



VEHICLE COUNTING
SIDE VIEW

VEHICLE COUNTING
FRONT VIEW



VEHICLE COUNTING EXPLODED VIEW

Vehicle Counting Access Points Currently Accommodated by SMART.NODE™

The IntuVision® software local or remotely allows for the interrogation of capture video images to be able to record and translate movement of different device and then transmit the quantified information in a numerical value to be shown in the CMS platform.

Brand	Model	Specifications Summary	
IntuVision®	IntuVisionVA-Traffic	Software	IntuVision® VA - Traffic
		Output	Activity Average Speed Congestion Colour Search Direction Idle Vehicle Stopped Vehicle Speeding Throughput Turn Count Vehicle Count (by Type) Wrong Way
		Communication	HTTPS Digest or Email CSV
		Hardware Req	Standalone on Intel NUC™ or on Video Analytics 1 - 2 RU Server

THE TECHNOLOGY ACCOMMODATED BY THE SMART.NODE™ IS CONTINUOUSLY EVOLVING. ENE.HUB CAN INVESTIGATE THE ACCOMMODATION OF ADDITIONAL SMART CITY SERVICE DEVICES.