

I.S.D. SOLID STATE VEHICLE COUNTER



- **Reliable, small and low cost**
- **Rugged weatherproof grey coated aluminium case**
- **Battery expected to last 5 years before replacement**
- **Built in LCD display with magnetic reset**
- **Counts up to 50 vehicles per second with display to 99,999,999**

GENERAL DESCRIPTION

The I.S.D. Vehicle Counter has been designed to be small, unobtrusive, reliable and to withstand the rigours of the roadside environment. This has been achieved by redesigning the air sensor and using CMOS circuitry, all enclosed in an environmentally sealed light grey powder coated aluminium case.

Pulses from a road tube are detected by the solid state air sensor, output to a divide by 2 circuit which updates the permanently on, LCD display by 1 count for each 2 pulses. The 8 digit LCD counter is reset simply by placing a magnet against the black square on the face of the counter.

Application for this low cost total counting includes:-

Open Road and Urban Traffic Counts
Parks and Gardens
Shows

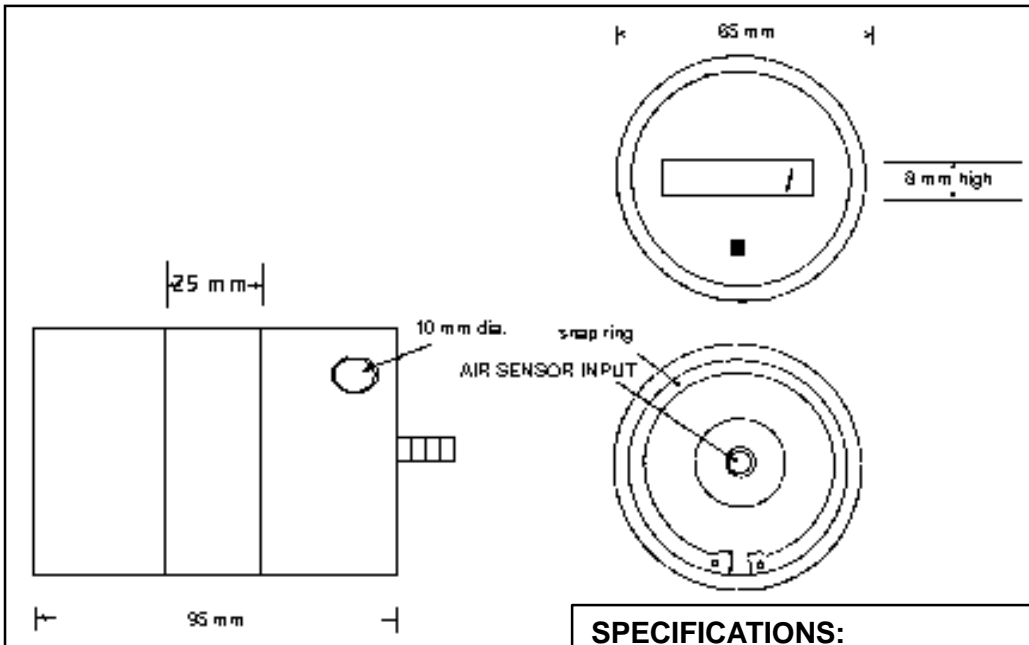
Garage Forecourts
Shopping Malls
Car Parks

Scott ech (Scott Technical Instruments Ltd)

89 Colombo Street, Hamilton, New Zealand

Phone (07) 847 0646 Fax (07) 847 0647

e-mail: info@scottech.net web page:www.scottech.net



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SPECIFICATIONS:	
Dimensions:	95mm long x 65mm dia
Weight:	300g
Operating Temperature Range:	-10°C to +50°C
Battery Life:	Approximately 5 years depending on total number of counts during this period
Maximum Count:	99,999,999 resetable, 8mm High L.C.D. Display
Input:	10-25m long "D" or "O" Section Road Tube
Maximum Input:	50 axles per second
Housing:	Light Grey powder coated aluminium case. Environmentally sealed with 6mm Lexan plastic face and 10mm Hole for securing

INSTALLATION INSTRUCTIONS

WARNING: TRAFFIC IS HAZARDOUS! PAY ATTENTION AT ALL TIMES

- Care must be taken when choosing sites for traffic recording.
- Best sites are where traffic flow is even, where the traffic is not slowing or accelerating, near corners or intersections is not recommended.
- Road tube should be at right angles to traffic flow and stretched to 10% of it's length before securing.

OPTIONAL ACCESSORIES:

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| <ul style="list-style-type: none"> "D" or "O" Section Road Tube 10-25m long Heavy duty Road Clamps 64mm x 6mm PK Heavy Duty Nails | <ul style="list-style-type: none"> Padlock and Chain Securing Straps Waterproof Notebook |
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