

Vehicle Classifier/Data Logger (TCL-300)

MANUFACTURER AND VENDOR INFORMATION

Effective Date: February 29, 2000

Manufacturer name: Truvelo Manufacturers (Pty) Ltd.

Address: P.O. Box 14183
Lyttelton 0140
South Africa

Phone number: 011-27-11-314-1405

Fax number: 011-27-11-314-1409

e-mail address: rudi@truvelo.co.za

URL address: www.truvelo.co.za

Sales representative name(s): _____

James E. Kelly
AVIAR inc

Address: P.O. Box 162184
Austin, TX 78716

Phone number: (512) 295-5285

Fax number: (512) 295-2603

e-mail address: aviar@aviarinc.com

URL address: www.aviarinc.com

PRODUCT NAME/MODEL NUMBER: Vehicle Classifier/Data Logger (TCL-300)

FIRMWARE VERSION/CHIP NO.: N/A

SOFTWARE VERSION NO.: N/A

GENERAL DESCRIPTION OF EQUIPMENT: Electronic unit to store data (TCL-300) and inductive loop for data gathering

SENSOR TECHNOLOGY AND CONFIGURATION: 2 inductive loops/lane up to 4 lanes

SENSOR INSTALLATION: Temporary installation on surface of pavement or permanent installation in pavement surface

INSTALLATION TIME (Per Lane): Temp: 15 min
Perm: 2 hr/lane

INSTALLATION REQUIREMENTS: N/A

MAXIMUM NUMBER OF LANES MONITORED SIMULTANEOUSLY: 4 lanes

PRODUCT CAPABILITIES/FUNCTIONS: Vehicle number, date, time, direction, vehicle class, length, headway, data of 20,000 individual vehicles.

RECOMMENDED APPLICATIONS: Vehicle classification, vehicle following distances, queuing and lane occupancy.

POWER REQUIREMENTS (watts/amps): 6 volt internal battery (rechargeable from 12 volt battery, commercial power, or solar energy)

POWER OPTIONS: See above

CLASSIFICATION ALGORITHMS: Vehicle pattern recognition's in light, medium, heavy or light, rigid trucks and buses, trucks and trailers, tractor and semitrailer, multitrailer heavy vehicles

TELEMETRY: RS232 serial port and modem

COMPUTER REQUIREMENTS: Compatible PC

DATA OUTPUT: See Product Capabilities

DATA OUTPUT FORMATS: N/A

SUPPORTING DATA BASE MANAGEMENT SYSTEM: N/A

EQUIPMENT AND INSTALLATION COSTS (One-lane and four-lane):

	Temporary		Permanent	
	1 lane	4 lane	1 lane	4 lane
Equipment	\$4,000	\$4,000	\$4,700	\$4,700
Installation costs	\$500	\$1,500	\$1,000	\$2,500

STATES CURRENTLY USING THIS EQUIPMENT:

<u>Country/State</u>	<u>Contact name</u>	<u>Telephone number</u>
USA/Michigan	Jim Kramer	(517) 322-1736