

Model TCC540 Traffic Counter Classifier

MANUFACTURER AND VENDOR INFORMATION

Effective Date: March 22, 2000

Manufacturer Name: International Road
Dynamics Inc. (IRD)

Sales representative name(s): Rod Klashinsky

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PRODUCT NAME/MODEL NUMBER: Model TCC540 Traffic counter Classifier

FIRMWARE VERSION/CHIP NO.: V2.6

SOFTWARE VERSION NO.: V4.73

GENERAL DESCRIPTION OF EQUIPMENT: Portable or permanent battery operated multi-lane time interval recording counter & classifier that collects traffic data

SENSOR TECHNOLOGY AND CONFIGURATION: Uses road Tube, Inductive Loops, Piezoelectric sensors, IRD Dynax® Sensor. Most common configuration is Loop-Piezo-Loop configuration

SENSOR INSTALLATION: Portable (On road) Permanent (In road)

INSTALLATION TIME (Per Lane): Approximately 4-5 hours in a permanent Loop-Piezo-Loop configuration. Approximately 15-20 minutes in a portable application.

INSTALLATION REQUIREMENTS: See attached Installation sheet.

MAXIMUM NUMBER OF LANES MONITORED SIMULTANEOUSLY: 8 lanes classifying, 16 lanes counting.

PRODUCT CAPABILITIES/FUNCTIONS: Collects vehicle traffic data, including vehicle classification, speed, volume, headway and gap.

RECOMMENDED APPLICATIONS: Traffic Planning, Traffic Profile, Safety, and Audit.

POWER REQUIREMENTS (watts/amps): AC Power for 6 volt, 12 amp rechargeable battery.

POWER OPTIONS: Dual battery units, Solar package.

CLASSIFICATION ALGORITHMS: See attached specifications.

TELEMETRY: RS232 port with baud rates from 300-19,2000.

COMPUTER REQUIREMENTS: MSDOS.

DATA OUTPUT: IBM PC, Modem, Take-Away-Memory (TAM)

DATA OUTPUT FORMATS:

SUPPORTING DATA BASE MANAGEMENT SYSTEM: Trafman®Software

EQUIPMENT AND INSTALLATION COSTS (One-lane and four-lane): Permanent One lane –
Approx. US \$ 5,000, 4 lanes Approx. US \$ 9,000.

STATES CURRENTLY USING THIS EQUIPMENT:

<u>Country/State</u>	<u>Contact name</u>	<u>Telephone number</u>
USA/New Jersey		
Canada/Saskatchewan		
Canada/Manitoba		
Canada/Ontario		
Canada/Quebec		
Canada/Nova Scotia		
Canada/New Brunswick		
Canada/Newfoundland.		
Brazil		
Uruguay		
Venezuela		
Columbia		
India.		