

IRD Model 5000 Single Load Cell WIM

MANUFACTURER AND VENDOR INFORMATION

Effective Date: _____

Manufacturer name: _____
International Road Dynamics Inc. (IRD)

Sales representative name(s): _____
Rod Klashinsky

Address: _____
702-43rd Street East
Saskatoon, SK, Canada S7K3T9

Address: _____
Same

Phone number: _____
(306) 653-6600

Phone number: _____
Same

Fax number: _____
(306) 242-5599

Fax number: _____
Same

e-mail address: _____

e-mail address: _____

URL address: _____

URL address: _____

PRODUCT NAME/MODEL NUMBER: IRD Model 5000 Single Load Cell WIM

FIRMWARE VERSION/CHIP NO.:

SOFTWARE VERSION NO.:

GENERAL DESCRIPTION OF EQUIPMENT: Permanent weigh-in-motion for CVO (commercial vehicle operations) and weigh station applications, as well as planning and data collection, utilizing IRD's single lead cell scales.

SENSOR TECHNOLOGY AND CONFIGURATION: loop – single lead cell scale – axle sensor - loop

SENSOR INSTALLATION: Permanent in-pavement

INSTALLATION TIME (Per Lane): 3 days per lane, option for sensor arrays

INSTALLATION REQUIREMENTS:

MAXIMUM NUMBER OF LANES MONITORED SIMULTANEOUSLY: 4 lanes of WIM plus 2 lanes of class

PRODUCT CAPABILITIES/FUNCTIONS: Traffic counts, vehicle classification, 13 FHWA classes, speed of vehicles, weight-in-motion

RECOMMENDED APPLICATIONS:

POWER REQUIREMENTS (watts/amps): AC 30 watts plus 1.5 watts per lane

POWER OPTIONS:

CLASSIFICATION ALGORITHMS: User-defined reports, user defined queries

TELEMETRY: Remote data acquisition, remote control and programming

COMPUTER REQUIREMENTS: Onsite memory: 4MB Ram storage capacity: 500 MB >2 million vehicle records

DATA OUTPUT: Binned data, individual vehicle records

DATA OUTPUT FORMATS: 1992 TMG* 1995 TMG* (metric) Other: can customize

SUPPORTING DATA BASE MANAGEMENT SYSTEM:

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

One-lane \$50,000 installation \$15,000 – 20,000

Four-lane \$ 175,000 installation \$35,000

STATES CURRENTLY USING THIS EQUIPMENT:

Country/State

Contact name

Telephone number

Throughout the US and Canada