

## IRD Model 200 (Bending Plate)

### MANUFACTURER AND VENDOR INFORMATION

Effective Date: \_\_\_\_\_

Manufacturer name: \_\_\_\_\_  
International Road Dynamics Inc. (IRD)

Sales representative name(s): \_\_\_\_\_  
Rod Klashinsky

Address: 702-43<sup>rd</sup> 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 200 (Bending Plate)

**FIRMWARE VERSION/CHIP NO.:**

**SOFTWARE VERSION NO.:**

**GENERAL DESCRIPTION OF EQUIPMENT:** Permanent weigh-in-motion system utilizing banding plate scales, system can be used for planning and data collection and for weigh station applications.

**SENSOR TECHNOLOGY AND CONFIGURATION:** Loop – Bending Plate – Dynax Axle Sensor - Loop

**SENSOR INSTALLATION:** Permanent option for sensor arrays

**INSTALLATION TIME (Per Lane):** Lane per day

**INSTALLATION REQUIREMENTS:**

**MAXIMUM NUMBER OF LANES MONITORED SIMULTANEOUSLY:** 4 – weigh-in-motion + 2 vehicle classification

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

**RECOMMENDED APPLICATIONS:**

**POWER REQUIREMENTS (watts/amps):** AC, Solar 30 watts plus 8 watts per lane of banding plate

**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 \$23,000 installation \$8,000 - \$10,000

Four-lane \$60,000 installation \$15,000 - \$ 25,000

**STATES CURRENTLY USING THIS EQUIPMENT:**

Country/State

Contact name

Telephone number

Throughout US and Canada (also used internationally)