

IVS-2000

MANUFACTURER AND VENDOR INFORMATION

Effective Date: _____

Manufacturer name: _____
Intersection Development Corporation

Sales representative name(s): _____
John W. Schulte

Address: _____
9300 E. Hall Road
Downey, CA 90241-5309

Address: _____
Same

Phone number: _____
(562) 923-9600

Phone number: _____
Same

Fax number: _____

Fax number: _____

e-mail address: _____

e-mail address: _____

URL address: _____

URL address: _____

PRODUCT NAME/MODEL NUMBER: IVS-2000

FIRMWARE VERSION/CHIP NO.:

SOFTWARE VERSION NO.:

GENERAL DESCRIPTION OF EQUIPMENT: Inductive loop vehicle classifier and speed sensor. Classifier vehicles into 23 categories; 13 FHWA classes plus 10 additional categories. Computes vehicle speed. Operates with existing, in place loops. Output include classifications, vehicle speed, vehicle length, gap and headway, vehicle count.

SENSOR TECHNOLOGY AND CONFIGURATION: Inductive loop technology in single or dual loop configuration. Loop size 5'x5' or 6'x6'.

SENSOR INSTALLATION: Permanent and in-pavement.

INSTALLATION TIME (Per Lane): 4 hours per lanes (approximately)

INSTALLATION REQUIREMENTS:

MAXIMUM NUMBER OF LANES MONITORED SIMULTANEOUSLY: 1

PRODUCT CAPABILITIES/FUNCTIONS: Traffic counts, vehicle classification, FHWA's 13 classes

RECOMMENDED APPLICATIONS:

POWER REQUIREMENTS (watts/amps): AC, 0.5 amps

POWER OPTIONS:

CLASSIFICATION ALGORITHMS:

TELEMETRY: Remote data acquisition

COMPUTER REQUIREMENTS: Onsite memory: 4 mg RAM Storage capacity: As required

DATA OUTPUT: Binned data, time-stamped sensor events

DATA OUTPUT FORMATS: Other IDC software

SUPPORTING DATA BASE MANAGEMENT SYSTEM: User defined reports

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

One-lane: (approximate) \$3,000 installation: \$750 – \$1,500

STATES CURRENTLY USING THIS EQUIPMENT:

Country/State

Contact name

Telephone number

New product