

HESTIA-Portable

MANUFACTURER AND VENDOR INFORMATION

Effective Date: _____

Manufacturer name: _____
Electronique Controle Measure

Sales representative name(s): _____
Ronald White, P.E.

Address: Rues Du Bois-Chene-Le-Loup
Parc D'Activites De Brabois
5400 Vandoeuver, Nancy, France

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Manor, TX 78653-0888

Phone number: 011-33-83-44-2413

Phone number: (512) 272-4346

Fax number: _____

Fax number: (512) 272-4966

e-mail address: _____

e-mail address: _____

URL address: _____

URL address: _____

PRODUCT NAME/MODEL NUMBER: HESTIA-Portable

FIRMWARE VERSION/CHIP NO.:

SOFTWARE VERSION NO.:

GENERAL DESCRIPTION OF EQUIPMENT: Multi-processor, rack mounted piezo electric WIM system. The HESTIA can monitor traffic weight in 8 lanes simultaneously. Each lane is controlled by a micro-processor, operating, calibrating and classifying independent of the other lanes. The HESTIA is constructed with CMOS components for low power consumption.

SENSOR TECHNOLOGY AND CONFIGURATION: Two 12 foot class 1 sensors installed per lane. Standard spacing is 5'10" with a 5' x 6.5' loop between the sensors. Alternate configuration consists of 2 loop spaced at 10' with single piezo in between.

SENSOR INSTALLATION: Portable on pavement or in pavement

INSTALLATION TIME (Per Lane): Portable sensors 10 minutes, permanent sensor 2 to 4 hours.

INSTALLATION REQUIREMENTS:

MAXIMUM NUMBER OF LANES MONITORED SIMULTANEOUSLY: Four

PRODUCT CAPABILITIES/FUNCTIONS: Traffic counts, vehicle classification, FHWA's 13 classes, Weigh-in-motion, speed of vehicles, gap between vehicles.

RECOMMENDED APPLICATIONS:

POWER REQUIREMENTS (watts/amps): 12VDC No. Watts: 3.6 per hour.

POWER OPTIONS:

CLASSIFICATION ALGORITHMS: User selectable, user definable

TELEMETRY: Remote data acquisition, remote control and programming

COMPUTER REQUIREMENTS: Onsite, laptop Memory: 4mb Storage capacity: 40 Mb

DATA OUTPUT: Binned data, individual vehicle records

DATA OUTPUT FORMATS: Old TMG* format, new (metric) TMG* format, SHRP, spread sheet compatible

SUPPORTING DATA BASE MANAGEMENT SYSTEM: The system allows: user defined reports, user definable.

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

One-lane \$6500 installation

Four-lane \$12000 installation

STATES CURRENTLY USING THIS EQUIPMENT:

<u>Country/State</u>	<u>Contact name</u>	<u>Telephone number</u>
Montana	Dennis Huit	(406) 444-6122
Worldwide		