

HESTIA-Permanent

MANUFACTURER AND VENDOR INFORMATION

Effective Date: _____

Manufacturer name: _____
Electronique Controle Measure

Sales representative name(s): _____
Ronald White, PE

Address: Rue Du Bois-Chene-Le-Loup
Parc D'Activities De Brabois
5400 V Andoeuvre Nancy, France

Address: ECM Inc. PO Box 888
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-Permanent

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: Permanent in pavement.

INSTALLATION TIME (Per Lane): 4 hours

INSTALLATION REQUIREMENTS:

MAXIMUM NUMBER OF LANES MONITORED SIMULTANEOUSLY: Eight

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): 12 VDC No. Watt: 4.2 per hour

POWER OPTIONS:

CLASSIFICATION ALGORITHMS: User selectable, user definable

TELEMETRY: Remote data acquisition, remote control and programming

COMPUTER REQUIREMENTS: Laptop memory: 4 MB 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: \$12,850 installation: \$5,000 (estimate)

Four-lane: \$24,915 installation: \$15,000 (estimate)

STATES CURRENTLY USING THIS EQUIPMENT:

<u>Country/State</u>	<u>Contact name</u>	<u>Telephone number</u>
Delaware	Bruce Littleton	(302) 739-4366
Idaho	Scott Fugit	(208) 334-8212
Massachusetts	Phil Hughes	(617) 973-7330
Rhode Island	Joe Bucci	(401) 277-2694
Texas	Brian St. John	(512) 465-7657
Worldwide		