

## Phoenix Vehicle Classifier

### MANUFACTURER AND VENDOR INFORMATION

Effective Date: March 29, 2000

Manufacturer name: \_\_\_\_\_  
Diamond Traffic.

Sales representative name(s): \_\_\_\_\_  
Guy Gibson Sr., Vice President

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P.O. Box 1455  
Oakridge, OR 97463

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Oakridge, OR 97463

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e-mail address: Diamondtrf@aol.com

URL address: www.diamondtraffic.com

URL address: \_\_\_\_\_

**PRODUCT NAME/MODEL NUMBER:** Phoenix Vehicle Classifier

**FIRMWARE VERSION/CHIP NO.:** 2.39

**SOFTWARE VERSION NO.:** Trafman 469

**GENERAL DESCRIPTION OF EQUIPMENT:** Time interval vehicle classifier and counter utilizing loops, piezo, road tube, fiber optic, and radar

**SENSOR TECHNOLOGY AND CONFIGURATION:** Loops, piezo, road tube, fiber optic, radar

**SENSOR INSTALLATION:**

**INSTALLATION TIME (Per Lane):** Sensors cut into pavement can require 6-10 hours

**INSTALLATION REQUIREMENTS:**

**MAXIMUM NUMBER OF LANES MONITORED SIMULTANEOUSLY:** 16 using loops for count or 8 using loops and piezo for classification

**PRODUCT CAPABILITIES/FUNCTIONS:** Count, classify, vehicles, incident detection and notification.

**RECOMMENDED APPLICATIONS:** 2 lane to multilane freeways for count and classification

**POWER REQUIREMENTS (watts/amps):** Range form 50 milliamps to 100 milliamps

**POWER OPTIONS:** 110 VAC, battery, or solar

**CLASSIFICATION ALGORITHMS:** FHWA 13, European

**TELEMETRY:** 300 to 19200. Optional 14.4K low power drew modem

**COMPUTER REQUIREMENTS:**

**DATA OUTPUT:** 28 print formats, spreadsheets

**DATA OUTPUT FORMATS:**

**SUPPORTING DATA BASE MANAGEMENT SYSTEM:** Mix of windows and DOS software, NT compatible

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

One lane \$1100 to \$1500

Four lanes \$1400 to \$2000

**STATES CURRENTLY USING THIS EQUIPMENT:**

<u>Country/State</u>	<u>Contact name</u>	<u>Telephone number</u>
USA/Idaho	Brian Hagen	(208) 334-8250
USA/Nevada	Cecil Crandel	(775) 888-7155
USA/Washington	John Rosen	(360) 753-6100
USA/Colorado	Steve Plasten	(303) 757-9467
USA/Nebraska	Terry Guy	(402) 479-4509
USA/Connecticut	Erick Glover	(860) 594-2088
USA/Wyoming		(307) 777-4433