

Phoenix

MANUFACTURER AND VENDOR INFORMATION			
Effective Date: _____			
Manufacturer Name: Diamond Traffic Products		Sales Representative Name (s): Colin Gibson	
		Beth Ritz	
Address: 76433 Alder Street		Address: _____	
PO Box 1455		_____	
Oakridge, OR 97463		_____	
Phone:	541 782-3903	Phone:	1-866-782-3903
Fax Number:	541 782-2053	Fax Number:	_____
E-mail Address:	sales@diamondtraffic.com	E-mail Address:	_____
	support@diamondtraffic.com		_____
URL Address:	www.diamondtraffic.com	URL Address:	_____

PRODUCT NAME/MODEL NUMBER: Phoenix

FIRMWARE VERSION/CHIP NO.: 2.9x

SOFTWARE VERSION NO.: Centurion Windows

GENERAL DESCRIPTION OF EQUIPMENT: Automated traffic Classifier for Loops, Piezos and Remote Sensor inputs.

SENSOR TECHNOLOGY AND CONFIGURATION: Loops & Piezos up to 16LP, 8PZ (WIM)

SENSOR INSTALLATION: Roadway Installation

INSTALLATION TIME: Site specific

INSTALLATION REQUIREMENTS: Sensors Installations Required

MAXIMUM NUMBER OF LANES MONITORED SIMULTANEOUSLY: 16 Lanes

PRODUCT CAPABILITIES/FUNCTIONS: Count, Classify, WIM

RECOMMENDED APPLICATIONS: Permanent Data Collection and Monitoring

POWER REQUIREMENTS (watts/amps): 40 Milliampres – 600 Milliampres

POWER OPTIONS: Sealed Lead Acid 6VDC, Solar and AC Charging options

CLASSIFICATION ALGORITHMS: Speed, Axle, Length, Weigh-In-Motion

TELEMETRY: Accepts and programs Hayes compatible Modems and Command Sets. Optional 900MHZ short Range Serial Communications.

COMPUTER REQUIREMENTS: PC Windows Software (not required)

DATA OUTPUT: Open Binary format, Serial Text, Contact Closure or Optically Isolated Presence outputs.

DATA OUTPUT FORMATS: Binary, Text, IRD Schema

SUPPORTING DATA BASE MANAGEMENT SYSTEM: Centurion Paradox SQL DB

EQUIPMENT AND INSTALLATION COSTS: Site specific 1k-12k

STATES CURRENTLY USING THIS EQUIPMENT:

Country/State	Contact Name	Telephone Number
<u>Nevada</u>	<u>Matt Hamilton</u>	<u>775-888-7436</u>
<u>Wyoming</u>	<u>Matt Johnson</u>	<u>307-777-4433</u>
<u>Cal Trans</u>	<u>Bill</u>	<u>530-225-3426</u>
<u>Montana</u>	<u>Ron Wuertley</u>	<u>406-444-5521</u>
<u>Washington</u>	<u>John Rosen</u>	<u>360-570-2373</u>
<u>Ohio</u>	<u>Dave Gardner</u>	<u>614-752-5740</u>
<u>Indiana</u>	<u>Lowell Basey</u>	
<u>Florida</u>	<u>Richard Reel</u>	