Apollo
ROAD TUBE COUNTER/CLASSIFIER

GPS READY

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How easy is it?

① Place tubes and turn on the unit

② Key in site ID, or simply confirm your standard ID

③ Confirm date and time

④ View the 4 Line LCD display to verify correct operation and accuracy

⑤ Press "Enter" and data collection starts.

The perfect choice to count and classify traffic in cities and counties.

Designed for new and experienced personnel to set out in minutes!

With the Apollo counter/classifier, you can collect all your data in one simple unit without the hassle of complex menus or the confusion of blinking lights. You get excellent data and easy field setup without sacrificing any of Diamond's proven, high-resolution accuracy.

- **Per-vehicle data: lane, time, axles, speed, length, gap, headway.**

- **Works with 1, 2 or 4 road tubes.**

- **Powered by solar panel.**

- **4-line, 80 character LCD display.**

- **Weight: 8 lbs.**

- **Memory options 512k, 4.5MB or 8.5MB.**

- **Easy diagrams for lane and tube configuration.**

- **9-pin serial port for PC.**

- **Stackable machined aluminum case.**

- **Works with Centurion-CC software.**

Clocks Speeds better than Radar

Collecting speed data has never been easier, as the Apollo Classifier uses two tubes and can store over one million vehicles for effortless reporting. With the Apollo high accuracy and fast internal processor, your speed data is more accurate than radar! Lightweight design and solar charging make the Apollo an ideal portable unit that is convenient and versatile.

SENSOR CONFIGURATIONS

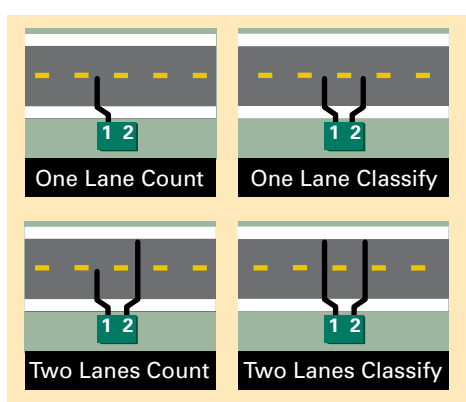|	
1 2	1 2
One Lane Count	One Lane Classify
1 2	1 2
Two Lanes Count	Two Lanes Classify

Compatible with CitiTubes

The Apollo is now equipped to handle the new CitiTube™ and short road tube spacings. CitiTube is a new product which combines two road tube inputs into a low profile one-piece solution, allowing a measure-free and simplified setup on site.

Easy, Small and Accurate

SERIAL CABLES

#SPR-SERIAL
for Sprite Series RS-232 connection to PC/laptop or Pocket PC.

#UPP-SERIAL
for Unicorn/Pegasus/Phoenix counter/classifiers

#UNIL-SERIAL
RS-232 connection for Unicorn Ltd./Apollo

LOCKS

We offer five choices of locks. Each can be ordered in keyed-alike sets:

#LOCK-MS
Master Lock, laminated steel body, 1/4" (.6 cm) diameter steel shackle adjustable from 2 3/4" to 5 3/8" (7 cm to 13.6 cm).

#LOCK-2/4/6
American Lock Co., 5"x1/4" shackle (12.7 cm x .6 cm), laminated steel body.

#LOCK-SWB
Wilson-Bohanan, brass body, five pin tumblers, 4"x1/4" hardened chrome steel shackle (10 cm x .6 cm).

#LOCK-AML
American Lock Co., 3"x1/4" shackle (7.5 cm x .6 cm), brass body, re-keyable.

#LOCK-OLY
Olympus, economical brass bodied lock, 1/4" (.6 cm) diameter steel shackle.

CHAIN

#CHAIN-6
These six-foot lengths of chain are handy for securing your counting equipment in the field. The 1 3/8" chain links are made of 3/16" mild steel, zinc-plated. (183 cm long)

KIT 1

Road Tube Kits for all Diamond Traffic road tube counters and classifiers

- **8** figure-eight road clamps
- **8** "C" road clamps
- **4** end plugs
- **2** end plug wrenches
- **20** 2 1/2" road nails
- **100 feet** of round 1/4" ID road tube, either synthetic or natural rubber

KIT 2

- **12** figure-eight road clamps
- **8** "C" road clamps
- **8** end plugs
- **2** end plug wrenches
- **20** 2 1/2" road nails and **10** 3 1/2" road nails
- **240 feet** of round 1/4" ID road tube, either synthetic or natural rubber (consists of two 120' long tubes)

KIT 3

- **16** figure-eight road clamps
- **8** "C" road clamps
- **10** end plugs
- **2** end plug wrenches
- **30** 2 1/2" road nails and **20** 3 1/2" road nails
- **1** roll 2" cloth back tape
- **2** center line clamps
- **4** 12" spikes
- **300 feet** of round 1/4" ID road tube, either synthetic or natural rubber (consists of three 100' long tubes)

Product Comparison

COUNTER ➤	TT-2	TT-4	TT-6	TT-8	Apollo	Pegasus	Unicorn	TT-41/21
Counts (all vehicle types)	✔	✔	✔	✔	✔	✔	✔	✔
Sensors: Road Tube	✔	✔	✔	✔	✔	✔	✔	
Sensors: Inductive Loop						✔	✔	✔
Number of Channels	1	1	1	2	2/4	2	4	1
Data Type: Volume Total	✔	✔	✔	✔	✔	✔	✔	✔
Data Type: Volume & Time Intervals		1*	✔	✔	✔	✔	✔	
Data Type: Speed/Class					✔	✔	✔	
Memory and Record Intervals	Grand Totals	1* Interval	20,480 Intervals	10,240 Intervals	8.5MB Memory	512K Memory**	512K Memory**	Grand Totals
GPS Info Support			✔	✔	✔	✔	✔	
Bluetooth® Wireless Communication			✔	✔				
Serial Port Communication					✔	✔	✔	
Power (battery)	Lithium	Lithium	Lithium	Lithium	Rechargeable†	Rechargeable†	Rechargeable†	Alkaline "D" Cell
Battery Lifespan	5–7 years	5–7 years	5–7 years	5–7 years	up to 5 years	up to 5 years	up to 5 years	18 months
Optional Solar Panel					✔††	✔†††	✔†††	
Weather Tight	✔	✔	✔	✔	✔	✔	✔	✔
Waterproof	✔	✔	✔	✔				

* Records only one interval (Interval length selectable)
** Memory upgradeable up to 256MB

† Sealed Lead Acid 6v. Each charge lasts 2-4 weeks.
†† Solar panel provides sufficient power in most climates.
††† Extends run time by 50%.

OUR WARRANTY

This unit is warranted against defective material and workmanship for a period of one year from date of purchase. In event of failure of the unit, return it to Diamond Traffic Products along with written description about nature of the problem. Send unit to:

Diamond Traffic Products

76463 Alder Street

Oakridge, OR 97463

If our inspection shows that problem was caused by defective material or workmanship within the limitations of the warranty, we will repair or replace the unit free of charge and return it prepaid. Repairs made necessary by normal wear or abuse, or for repair for products outside the warranty period, will be charged at regular factory repair prices.

This warranty gives you specific legal rights and you may also have other rights which vary from state to state. The obligation of the warrantor is solely to repair or replace the product. The warrantor is not liable for any incidental exclusion or limitations or incidental or consequential damages, so the above limitations or exclusion may not apply to you.

PRICES AND TERMS:

All prices are F.O.B. Oakridge, OR, USA. Prices are subject to change without notice. Terms of payment are 30 days from date of invoice with approved credit.

SHIPPING:

All products are packed for normal shipping conditions and are usually shipped UPS surface. Expedited freight will be provided at customer's request (UPS Air, UPS 2nd Day Air) and will be included on customer's invoice.

DIAMOND TRAFFIC PRODUCTS

Manufacturing, Engineering, Sales and Distribution

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