

Vehicle Detection

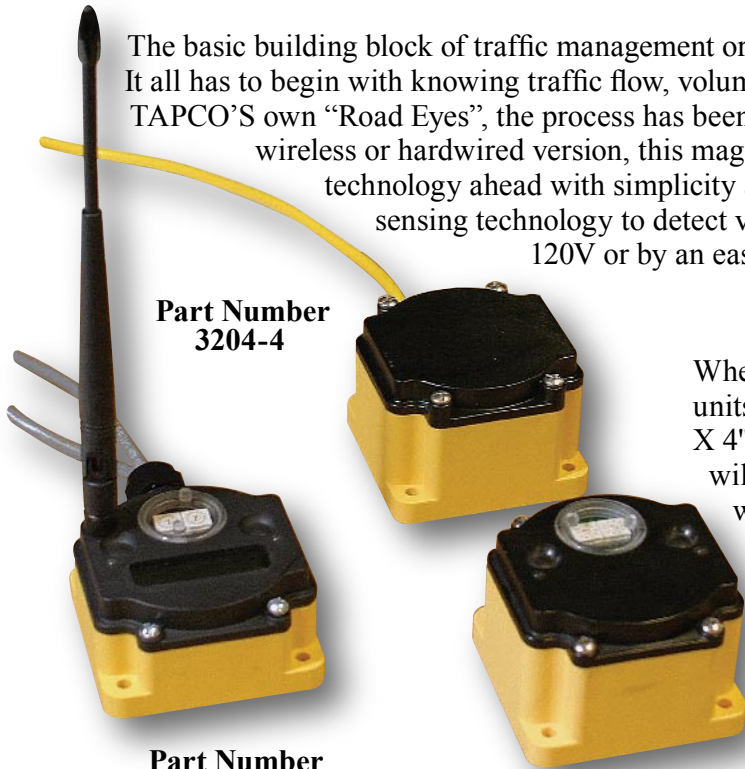
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Road Eyes Wireless



The basic building block of traffic management or an IT System is vehicle detection. It all has to begin with knowing traffic flow, volume and placement. Now, with TAPCO'S own "Road Eyes", the process has been made much easier. Available as a wireless or hardwired version, this magnetic detection system moves traffic technology ahead with simplicity and value. Road Eyes use a passive sensing technology to detect vehicles and can be powered with 120V or by an easy to install Road Eye battery.

**Part Number
3204-4**

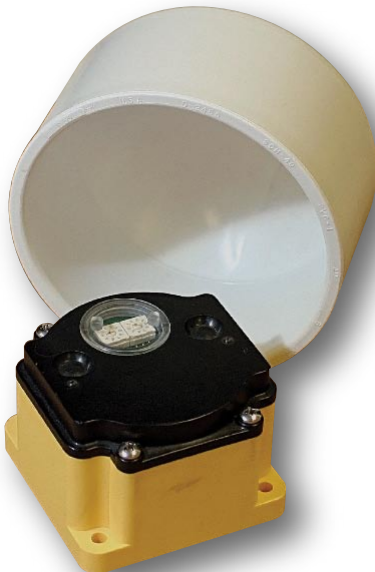


**Part Number
3204-1**

**Part Number
3204-7**

When 120V power is difficult to provide or in remote areas, these units can easily be mounted with a Road Eye battery in a 6" X 6" X 4" Nema cabinet and be completely self contained. Road Eyes will function at a range of up to 500 feet LOS and can operate a wide range of traffic control devices.

Simple PVC tubing is used to waterproof the Road Eye. By installing 6 inches in the pavement and covering with "Cold Patch" these units will operate three to four years (depending on conditions) and the battery can be easily replaced.



A simple and complete remote package for traffic control, Road Eyes offers a convenient and trouble free alternative to meet your needs.



**Part Number
3204-1**



**Part Number
3204-7**

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Call TAPCO today and get the whole Road Eye story. We can help you with traffic control from simple left turn arrow operation to complex "ITS" dynamic message boards, ramp metering or for emergency temporary vehicle detection.





Q7M Flat-Pak

The hardwired Road Eyes sensor provides a direct replacement for inductive loop systems, and needs no external frequency box. Its unique design allows quick installation within a single 3/8" saw cut.

Road Eyes  Hardwired



Features

- Capable of detecting vehicles that have stopped within the sensor's field

- Flat-Pac sensor fits into a single 3/8" saw cut
- Easy sensor installation above or below ground mounting options
- Compact, robust one-piece, self-contained sensor package replaces inductive-loop sensing technology; no external controller needed
- Advanced monitor software allows for real-time information display through a PC
- Leakproof IP67, NEMA 6P designs

Model	Output Type
RoadEyes Hard Wired	Biolar NPN/PNP

Part Number 3200-5 w/100' cable

Part Number 3200-6 w/200' cable



PS115-1... SENSOR INTERFACE MODULES

AC power Supply Interfaces for Use with DC-Operated Sensors

Features

- Low-cost interface between AC power supply and DC-operated sensors
- Integral TEACH pushbutton and remote TEACH function available
- Integral SPDT relay isolates DC sensor output for AC applications
- LED indicators for Power ON and Output Active
- Multiple mounting configurations using supplied hardware PS115-1 wired
- BENC-L enclosure for NEMA 4X / IP55 applications
- Use a sinking (NPN) interface module model with an NPN-output sensor.

Model	Output Type
PS115-1N	Sinking NPN

Part Number 3204-8



SIM-525T...SENSOR INTERFACE MODULES

Power Supply for use with 12-30V dc Sensors

The SIM-525T is a passive module that allows additional status indicators to be located in the users control cabinet. It is designed to provide remote indication and "Teach" capability for sensors, when their mounting does not allow easy access to the sensor (as when mounted underground or sealed in pavement, for example).

Part Number 3204-10

Features

- Simple DIN-rail mount SIM-525T
- Indicators for Power ON and output Active
- Includes sensor TEACH pushbutton
- Additional terminals provide in-situation data collection for some sensors.

Accessories

DPB1 Handheld portable Programming Box, used for configuring sensor. Battery-powered, with optional 115V AC power supply. **Part Number 3204-11**

111367 Optional 115V AC power supply for DPB1 Handheld Portable Programming Box.

Part Number 3204-12

