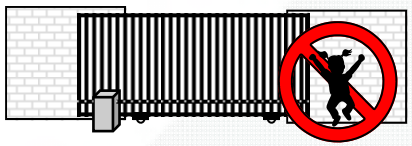
Important User Information:

Automatic gate systems provide user convenience and limit vehicular traffic. Because these systems can produce high levels of force, it is important that you are aware of the potential hazards associated with the system. Potential hazards may include pinch points, entrapment positions, lack of proper pedestrian access, blind spots for traffic visibility.
It is the joint responsibility of the designer, purchaser, installer and end user to verify the system is properly configured for its intended use. Be sure the installer has instructed you on the proper operation of the gate system before use. Be sure the installer trains you about the basic functions of the required reversing devices associated with the gate system and how to properly test them. Reversing devices may include reverse loops, sensing edges, photoelectric cells, inherent reverse detection, and/or other external devices.

WARNING - To reduce the risk of injury or death:

1. A moving gate can cause serious injury or death. Read & follow all installation manuals, reference manuals, and warning label instructions.
2. Vehicular gates are for vehicles only. Pedestrians must use a separate entrance. Keep all pedestrian traffic away from any vehicular gate. No one should cross the path of a moving gate.
3. Never allow children to operate or play with gate controls. Never allow children to play in the area of a gate system.
4. Access control devices must be placed far enough from moving gates to prevent the user from coming in contact with the gate while operating the controls.
5. All activating devices must be installed in a clear line-of-sight with the gate and its travel and must be installed a minimum of 10 feet away from the gate.
6. Outdoor or easily accessible controls shall have a security feature to prevent unauthorized use.
7. Mount all operating devices clearly out of reach of through gates.
8. Loops and vehicle sensors are for vehicle use only and do not offer any type of pedestrian protection.
9. **DO NOT install this device unless <u>all</u> potential hazards and pinch points have been eliminated.**



DO NOT allow children to play near, on or with the gate, gate operator, or any of its controls.

Restrictions and Limitations:

Please read and follow all restrictions and understand all limitations. Do not install this product if it exceeds any limitation or does not abide to all guidelines or restrictions.

1. This device is intended for vehicular traffic only. Keep all pedestrian traffic including bicycles away from any vehicular gate.
2. Do not use this product with motorcycles unless proper safety photo beams and safety edges are installed.
3. This product is a wireless device and subject to occasional communication failures. Therefore proper safety photo beams and safety edges must be used in conjunction to the system.
4. Detection distance and performance will vary based upon location of each application.
5. Average detection distance from the sensor is approximately 8ft wide x 4ft deep x 3-4ft high. In some occasions the distance may be less and in some occasions the distance may be more.
6. Detection range is similar to a rectangular bubble around the sensor.
7. This product is not recommended for applications with commercial trucks with high trailers due to the limited detection height.
8. This product is a wireless device and location of the AP100 Relay Board and each Sensor will have a significant effect on the performance. Try to locate the devices with as much line of sight as possible.
9. Large walls, steel fences, foliage, etc will hamper the radio signal range. Try to avoid such hazards.
10. The system should be checked on a regular basis by a trained and authorized installer.

IMPORTANT:
DO NOT PARK IN THE PATH OF THE GATE. This unit will automatically retune and reset after detecting for more than 14 minutes. This allows the gate to close on a vehicle.

No Pedestrians

No Children

No High Bed

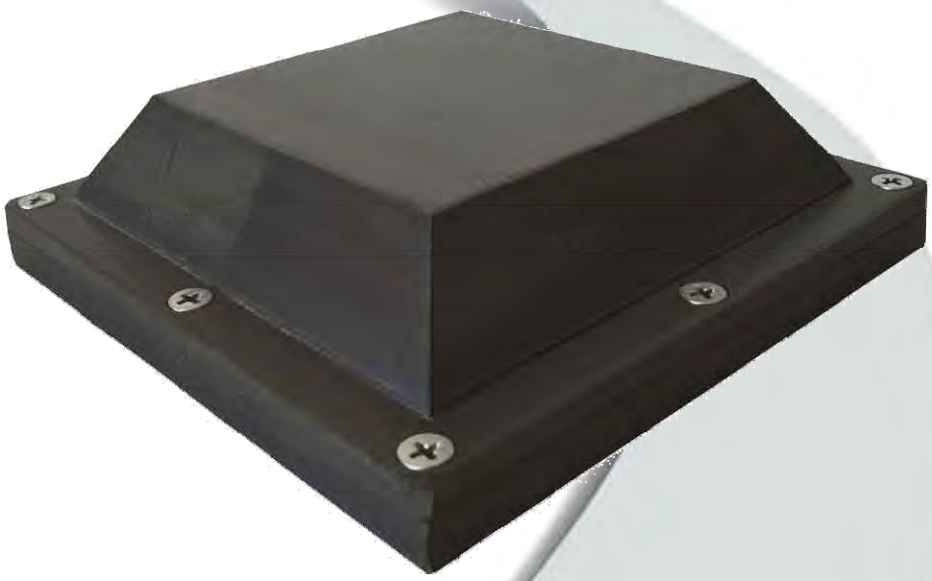
No Bicycles

Access One Technologies

WVD-S600SM

Surface Mount Sensor

EZ Loop



For complete detailed instructions,
Download the WVD100 Product Manual at
www.accessonetechnologies.com

Quick Reference

- Installation Guidelines
- Assembly Instructions

Read and follow all UL and Safety Standards before installing. Refer to the manual and qualified personnel for assistance. DO NOT install this device unless all entrapment and pinch points are eliminated.

Revision A

S600SM Sensor Overview:

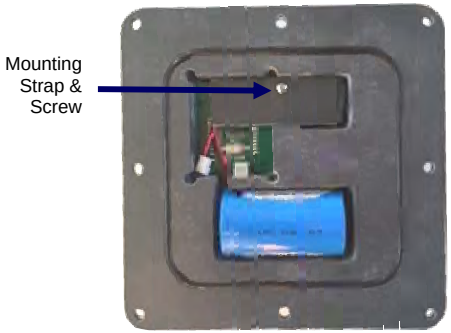
The S600SM is a surface mount sensor that can be placed on top of the driveway to detect vehicles. The S600SM does not require any holes to be drilled and can be installed with epoxy or anchor bolts saving installation time and labor.

For complete installation guidelines, download the WVD100 Installation & Program Manual at www.AccessOneTechnologies.com

Sensor Learn Button:

To access the sensor learn button for programming:

1. Remove the eight screws holding the top of the housing to the housing base.
2. Remove the mounting strap and screw.



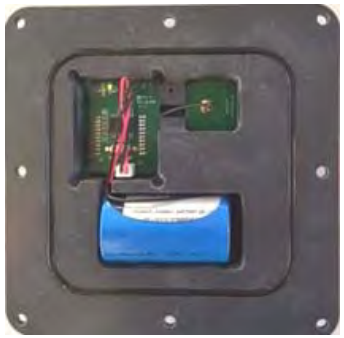
3. Pull the Sensor board up and the learn button is on the front side.

IMPORTANT:
The Sensor board and antenna are installed face down allowing them to point upward when the base plate is installed and the sensor is turned upright.

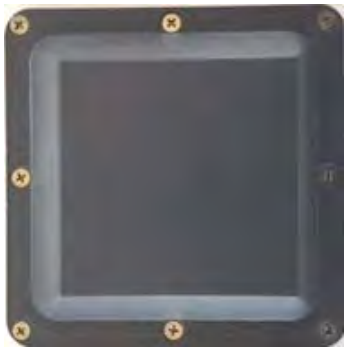
Assembling The Sensor:

The S600SM includes a battery, Sensor board, antenna, and mounting strap. To assemble the sensor:

1. Turn the top cover upside down.
2. Place the battery in the battery compartment with the battery wires going through the slot to reach the Sensor board.
3. Place the antenna face down in the antenna compartment with the antenna wire going through the slot to the Sensor board. (Green back of the antenna should be seen).
4. Place the Sensor board face down in the compartment with the battery wires and antenna wires going through each slot. (Back of Sensor board should be seen).



5. Place the foam spacer on top of the antenna and install the mounting strap over the Sensor board and antenna/foam with the 4-40 screw.
6. Place the base plate on top of the housing cover and check to **make sure everything fits and nothing will stop the baseplate and cover from sealing.** Only the O-ring should cause separation and seal cleanly when the parts are connected.
7. Turn the baseplate and cover upright and install the 8 screws to seal the housing. **IMPORTANT: The baseplate and cover must seal together tight to prevent any water from entering the housing.**

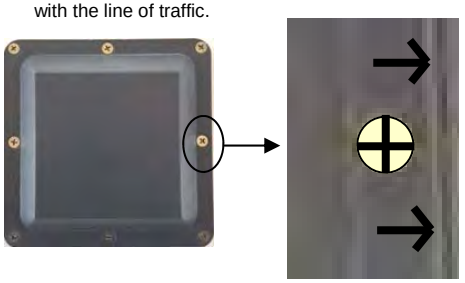


WVD-S600SM
Quick Reference Guide

Sensor Direction:

The detection area is rectangular and is approx. 8ft wide x 4ft deep. To properly orientate the sensor, direction arrows are located on the baseplate and sensor cover.

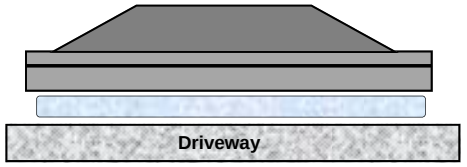
1. Locate the direction arrows on the sensor cover.
2. Point the direction arrows toward the gate parallel with the line of traffic.



Installing The Sensor With Epoxy:

The sensor can be secured to the driveway with screw anchors or a standard concrete epoxy. To mount the sensor using epoxy:

1. Select the sensor location and test the sensor before securing it. Make sure it tests properly and drops detect in the full open or full closed position.
2. Using an epoxy such as Loctite or JB Weld, spread the epoxy on the bottom of the baseplate and press to the driveway.



Installing The Sensor With Anchors:

The sensor can be secured to the driveway with four 1/4" Flat Head Sleeve Anchors. To mount the sensor using anchors:

1. Select the sensor location and test the sensor before securing it. Make sure it tests properly and drops detect in the full open or full closed position.
2. Open the sensor and locate the four anchor mounting holes on the baseplate.
3. Drill out the holes on the baseplate so the anchor screw can pass through. Then mark the location of each hole.

4. Drill and clean the anchor holes.
5. Drive the anchor though the baseplate and into the anchor hole and tighten the anchor screw until the baseplate is secure.
6. **IMPORTANT:** The anchor screws must be tightened all the way down and cannot stick up above the top of the baseplate. If it is not, it will not allow the unit to seal properly.