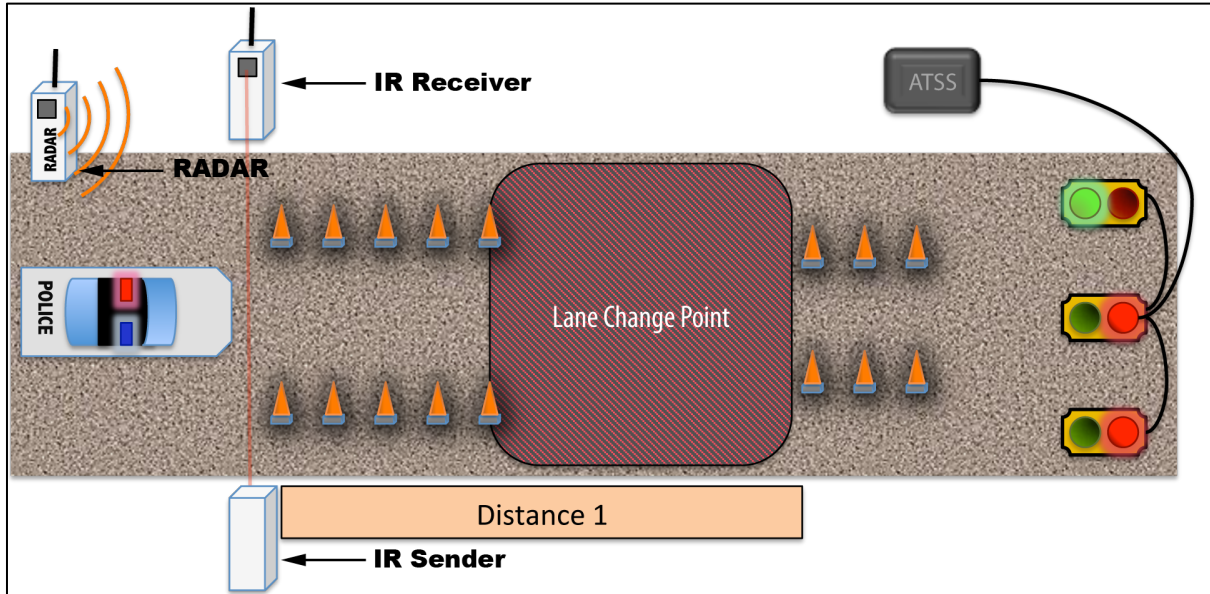


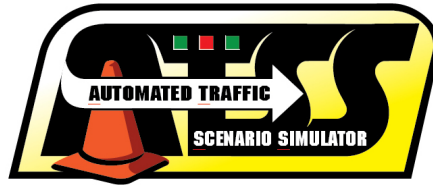
Quick Start Guide

Follow these simple steps to set up the ATSS for operation.

Lane Change / Braking Mode / Lane Decision Mode



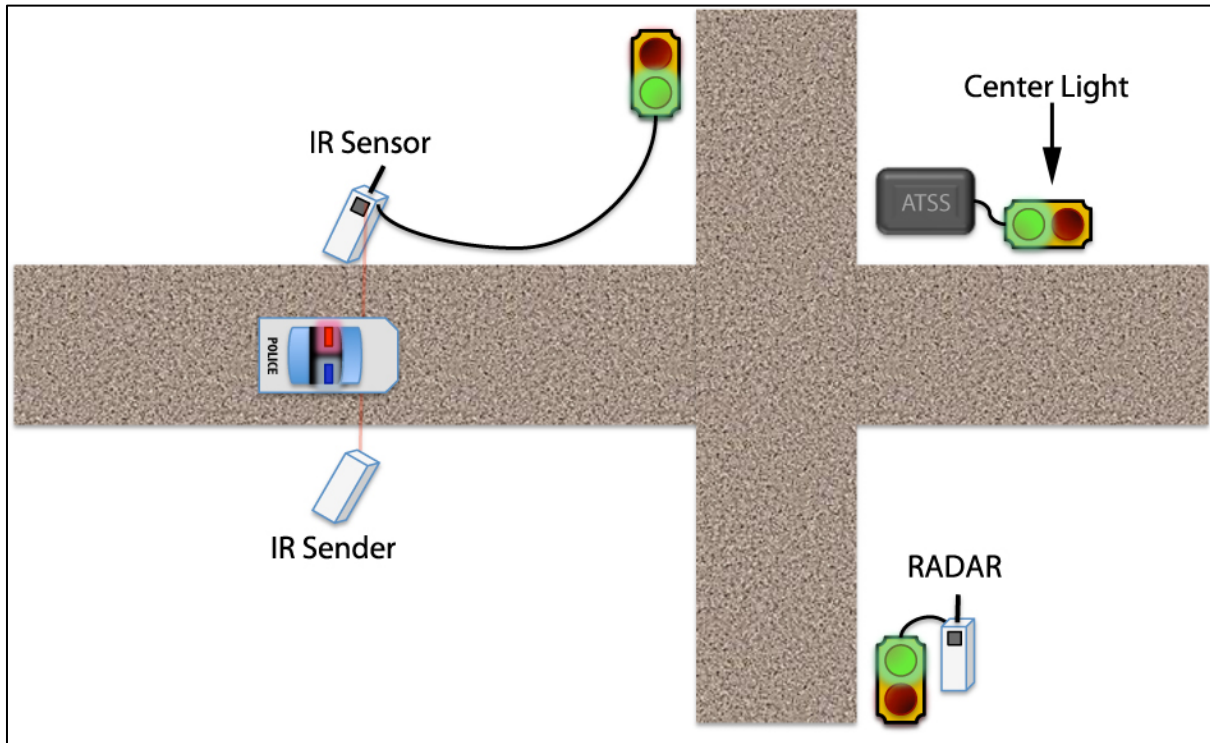
- 1) Before turning on the ATSS Controller, install the antenna, then turn on the Infrared (IR) Sensor within 20-feet of the ATSS Controller.
- 2) Install the antenna on the ATSS, turn it on, and wait for it to pair with the sensor.
- 3) Place the ATSS controller and lights in a safe location on your course.
- 4) Turn on the RADAR sensor.
- 5) Set up the lights either on the ground or on the optional scaffold or tripods.
- 6) Connect the left and right lights to the center light.
- 7) Connect the center light to the ATSS Controller.
- 8) Place the IR Sender and Receiver at the appropriate locations (50, 75, 88, 100, 125, 150, 175, 200-feet from target lane entrance – **100-feet is the default**).
- 9) If you place the sensors at anything other than 100-feet, configure this distance on the ATSS controller.
- 10) Place the RADAR in a safe location where it can get accurate readings on the vehicles.
 - a. The preferred location is such that the vehicle passes the RADAR and the RADAR obtains readings as the car recedes.
 - b. Ensure the RADAR obtains readings BEFORE the car breaks the IR sensor beam.
- 11) Set the ATSS into Braking Mode, Lane Change Mode, or Lane Decision Mode.



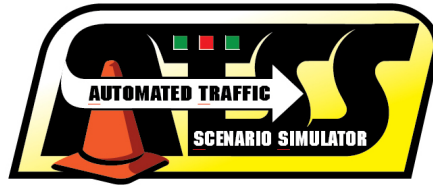
Quick Start Guide

Follow these simple steps to set up the ATSS for operation.

Intersection Clearing Mode



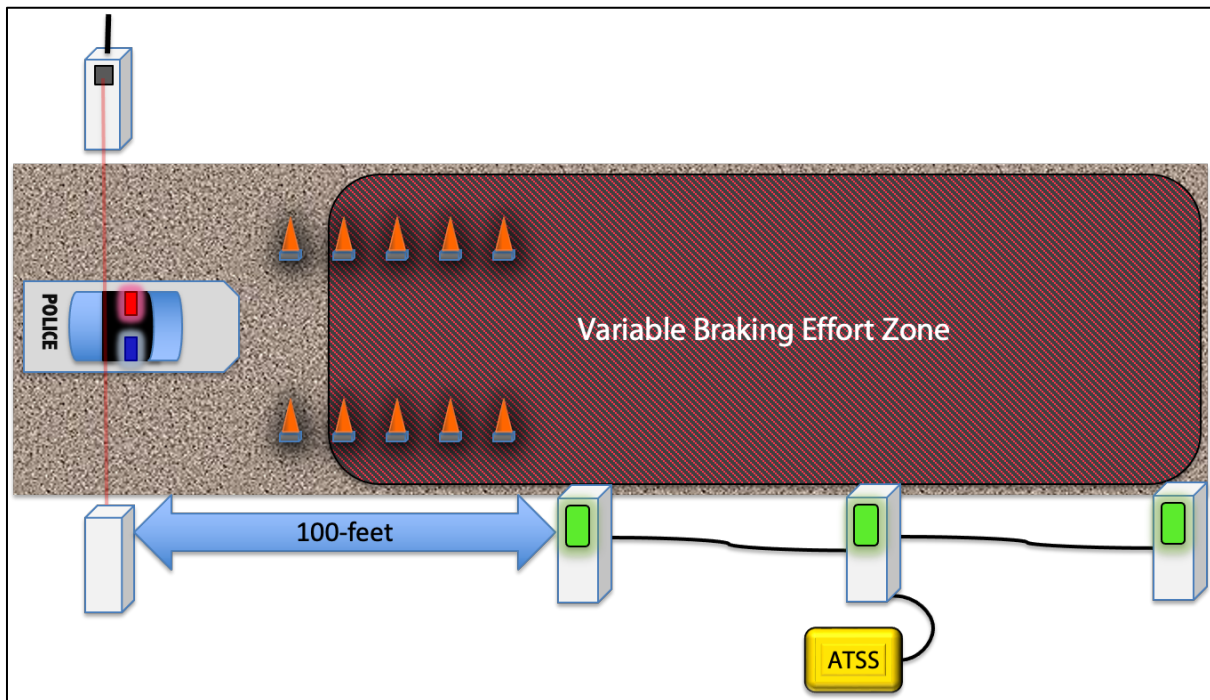
- 1) Turn on the Infrared (IR) Sensor within 20-feet of the ATSS Controller.
- 2) Turn on the ATSS and wait for it to pair with the sensor.
- 3) Place the ATSS controller in the course.
- 4) Set the ATSS Mode to: "Intersection Clearing Mode".
- 5) Turn on the RADAR sensor within 20-feet of the ATSS Controller.
- 6) Set the ATSS to "Intersection Clearing Mode."
- 7) Select which ICM program to run: First Car Through or Second Car Through.
- 8) The ATSS will pair with the second sensor.
- 9) Plug the center light into the ATSS and place it on the course as shown.
- 10) Connect a light to the RADAR and place it on the course as shown above.
- 11) Connect a light to the IR Sensor and place it on the course as shown above.
- 12) Place the IR Sender across from the IR Sensor.



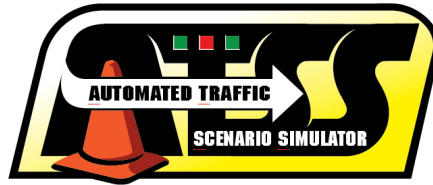
Quick Start Guide

Follow these simple steps to set up the ATSS for operation.

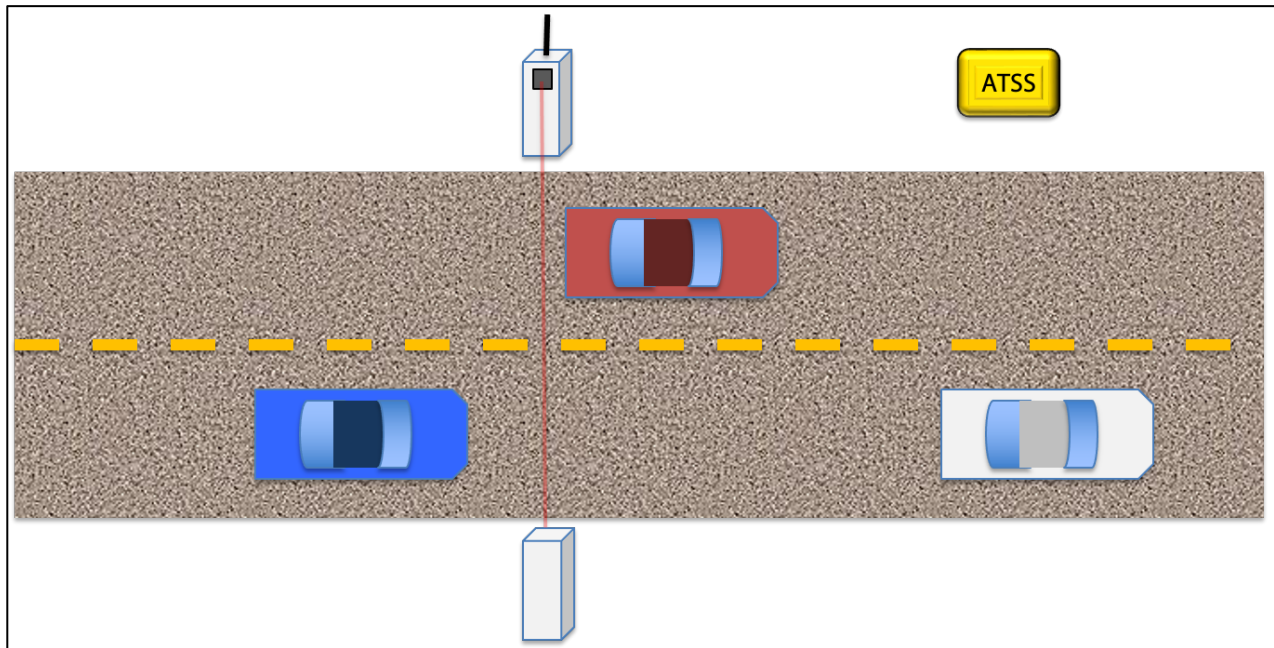
Brake Decision Mode



- 1) Turn on the Infrared (IR) Sensor within 20-feet/10-Meters of the ATSS Controller.
- 2) Turn on the ATSS and wait for it to pair with the sensor.
- 3) Place the ATSS controller in the course.
- 4) Set the ATSS Mode to: "Brake DecisionMode".
- 5) Plug the center light into the ATSS.
- 6) Connect the RIGHT light to the CENTER light and place it at the BEGINNING of the course as shown above.
- 7) Connect the LEFT light to the CENTER light and place it at the END of the course as shown above.
- 8) Set the IR Receiver 100-feet from the first light.
- 9) Place the IR Sender across from the IR Sensor.



Traffic Counter Mode



- 1) Turn on the Infrared (IR) Sensor within 20-feet/10-Meters of the ATSS Controller.
- 2) Turn on the ATSS and wait for it to pair with the sensor.
- 3) **WITH DUE REGARD FOR OFFICER AND PUBLIC SAFETY!** Place IR Receiver and ATSS on one side of the roadway within 250-feet of each other. It is recommended the receiver and the ATSS be placed on the same side of the roadway. Place the IR Sender on the opposite side of the road.
 - a. Make sure the receiver and ATSS controller are far enough off the roadway that they will not be struck by vehicles.
 - b. Make sure the receiver and sender have an unobstructed view of the opposite side of the roadway. Tall grass, weeds, branches, bushes, etc., will prevent proper actuation of the system.
 - c. If the counter function is to be used for an extended period of time try to position the receiver so that the sun does not shine directly into the receiver during sunset or sunrise.
 - d. If used in high-wind areas it may be necessary to secure the receiver with the optional ATSS Stabilizer kit (P/N BBIS11-00245), sand bags, or some other method to secure the sensor.
 - e. The sender and receiver may be up to 100-feet apart.
 - f. The receiver's red light will turn off when the units are properly aligned.
- 4) Go to the "Traffic Functions" menu on the ATSS and set the mode to: "Traffic Counter".
- 5) Select whether you want to zero the counter, or pick up from the last count.
- 6) Ensure that the counter is properly counting vehicles, then close the lid of the ATSS.
- 7) Secure the ATSS
 - a. The ATSS Controller may be secured to a fixed object like a tree or pole, using a chain or cable and padlock through the handle.
 - b. The lid of the ATSS Controller can be padlocked using either or both of the reinforced holes.
- 8) When you are finished with your count, turn off the IR Receiver and the system will stop counting.
- 9) Press the [<-] Left Button to save the count and exit out. The number is stored on the ATSS even if the power is turned off and will remain until it is zeroed out. **If the unit is powered off before exiting, the count will be lost.**