

A USER GUIDE TO THE 'MYSI' WITH WI-FI



Telescopic Magnet

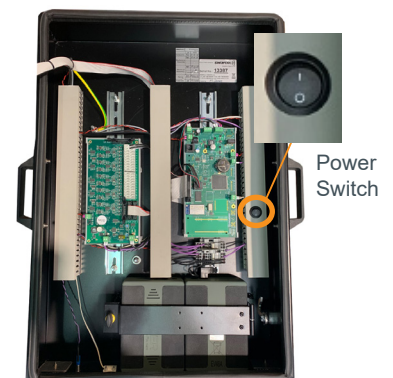
Crown Key

Items Required for this process as well as the sign:

- Crown Key (Should arrive with the sign, may vary from the image)
- Post Bracket, tamtorque tool, tamtorque clips and padlock (unless using an alternative method of mounting)
- Telescopic Magnet tool (or an alternative strong magnet)
- A Wi-Fi enabled device (ideally a windows-based laptop)

Getting Started

1. Open the packaging carefully, your sign could be near the surface of the protective packaging.
2. The sign can be opened using the crown key. Place the key firmly into the holes on the right-hand side of the sign and turn, do this in both until the sign opens.
3. Ensure the batteries are charged and that the wires connecting the batteries are plugged in behind the battery bracket, occasionally these are unplugged to prevent battery drainage in transit.
4. Battery level can be checked by pressing the button on the top, the LED's will all be green once fully charged.
5. Turn the device on using the power switch. The device will go through its start-up diagnostics, this activates each element of the sign individually, this will take just a few minutes.
6. Your Sign is now ready to go. The sign has been pre-configured for a 30mph speed limit. (unless otherwise specified) The green message will activate for vehicles travelling within this speed limit and the red message will display for vehicles travelling over this speed limit. (Changing the speed threshold will be covered later in this document)



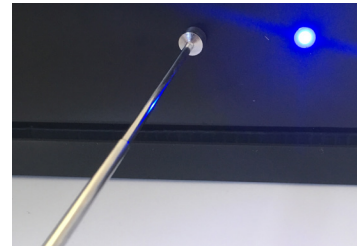
Sign Installation



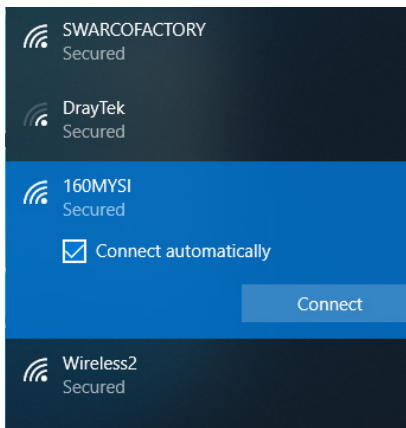
1. When installing onto an existing post, mount the post bracket at approximately 2.1m, or 2.4m on a cycle path.
2. Secure by threading the tamtorque clips around the post and through the bracket using the tamtorque tool to tighten.
3. Ensure the sign is facing down the road, towards oncoming traffic with 80-90 metres of road ahead.
4. Safely mount the sign onto the post bracket, ladders or an alternative climbing aid will be needed.
5. Attach the padlock through the post bracket to secure the sign.

Turning the Wi-Fi on

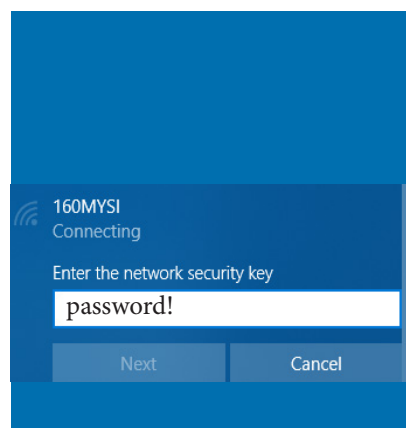
1. Have a Wi-Fi enabled device prepared with the Wi-Fi turned on. The Wi-Fi connection will come from the sign, you don't need to be connected to an existing Wi-Fi network.
2. Use a magnet (you may have purchased a telescopic magnet tool from us) to activate the Wi-Fi. The magnet should be placed under the bottom of the sign, next to the LED. The LED will flash blue whilst turning on and will be permanently illuminated once the Wi-fi is activated.
3. The Wi-Fi will automatically turn itself off after 5 minutes of inactivity to save battery power, you do not need to turn it off once finished.
4. On your Wi-Fi enabled device search for 'nnnMYSI' – The 3 digits before MYSI will vary according to the device .
5. Connect by inputting the security key and selecting next. The security key is: **password!**
6. In a web browser enter the following address: <http://192.168.1.1:2000> and the sign interface should appear.



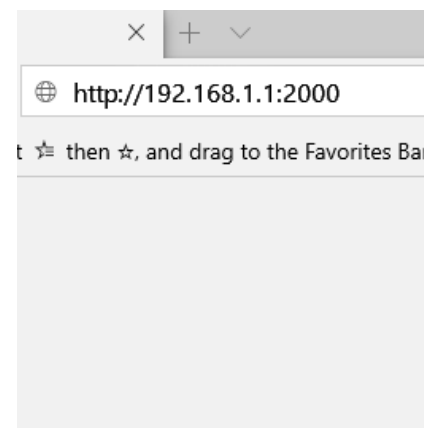
The telescopic magnet activating the Wi-Fi



Search for your sign's Wi-Fi connection



Connect to your sign, entering the security key



Enter the address into the address bar to interface with the sign

7. On the sign interface you can access status, battery levels, and the sign's internal clock.
8. The first page is 'Status', the error of the clock status is normal, this simply means the time hasn't been verified yet. Correct this by typing the time and date into the boxes provided and then 'set time'

Status

SignType: VAS fw2.0 Node: Standalone Select: Master Update

Status Register

Field	Status
Configuration File	Ok
Timetable File	Ok
Clock Status	Err
Sign Control Mode	Trigger

Temperature

°C

Input Voltage

V

Battery

Capacity left: 41.5%

Faults Register

Field	Status
Low Voltage	Ok
High Voltage	Ok
UPS Power	Ok
UPS Battery	Ok
High Temperature	Ok
Low Temperature	Ok
Led Drives	Ok
Driver Board	Ok
Radio Short-Range	Ok
Radio Long-Range	Ok
LDR Sensor	Ok
Radar	Ok
Inputs	Ok

Time

Sign Time
2018/12/12 13:10:47

Force Time Update
Update Time

Manual Time Set
Time
--:--:--
Date
dd/mm/yyyy
Set Time

9. On the 'Triggers' tab you can amend the sign display based on vehicle speeds and 'Save Changes'.

Vehicle Activated Sign | Can't reach this page | 192.168.1.1:2000/#triggerPage

swarco SignType: VAS fw2.0 Node: Standalone Select: Master Update

Triggers

#	Name	Detector	Delays[ms]	Led Groups	Remote Command
0	trigger0	Radar From: 10 To: 30	Calling: 0 Cancel: 1000	Group 0: ThankYou Group 2: GreenYSI	-
1	trigger1	Radar From: 31 To: 33	Calling: 0 Cancel: 1000	Group 3: RedYSI	-
2	trigger2	Radar From: 34 To: 40	Calling: 0 Cancel: 1000	Group 1: SlowDown Group 3: RedYSI	-
3	trigger3	Radar From: 41 To: 99	Calling: 0 Cancel: 1000	Group 1: SlowDown	-

Save Changes

Downloading the Data

1. After following the steps in the 'Turning the Wi-Fi on' section of this document, go to the 'File Manager' tab and select 'detections log' from the file options.
2. We recommend deleting the data after download to prevent the file from getting too large.
3. Download as a CSV file to download a spreadsheet of the data.
4. Download as a .dat file if you wish to use it with the Houston Stats Analyzer software.
5. Reboot machine.

Vehicle Activated Sign | Can't reach this page | 192.168.1.1:2000/#filePage

swarco SignType: VAS fw2.0 Node: Standalone Select: Master Update

File Manager

Download

File Type
Detections Log

Delete after Download
☒ Yes ☐ No

File Format
☐ dat ☐ csv

Download

Upload

File Type
Configuration

File to Upload
Browse...

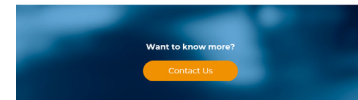
Upload

Reboot the Machine

Reboot now

Further Data Analysis

1. To do further analysis on the data you can use the Houston Radar Stats Analyser, available from our website at; <https://www.swarco.com/products/electronic-signs/vehicle-activated-safety-signs/moveable-vehicle-activated-signs> please note this will only work with a windows based device. More information on the Stats Analyser software can be found at <https://houston-radar.com/advanced-in-radar-traffic-statistics.php>
2. Once on the above page of our site scroll to the 'downloads section' and download the 'MYSI with Wi-Fi' folder, this also contains a video guide and a copy of this guide.
3. Run the Houston software on your device and once opened create a 'new project'. Follow this by selecting 'import data from file' and find your .dat file that you previously downloaded.
4. Once the data is imported use the tick boxes on the right-hand side to generate a variety of reports.



Locate the downloads section

Houston Radar Stats Analyzer Pro

new project 1

Date Selection View | Manage Imported Data | Associated Radar

new project 1
From 04/10/2016 11:00:00 to 14/10/2016 09:05:00
2858 records. Last import 12/04/2019 11:19:11

Project Settings

- ☒ Analyze
- ☐ Average Speed Chart
- ☐ Vehicle Volumes Chart
- ☐ Volume By Speed Histogram
- ☐ Percentile Speed Chart
- ☐ View Raw Data

Analyze

Today: 15/04/2019