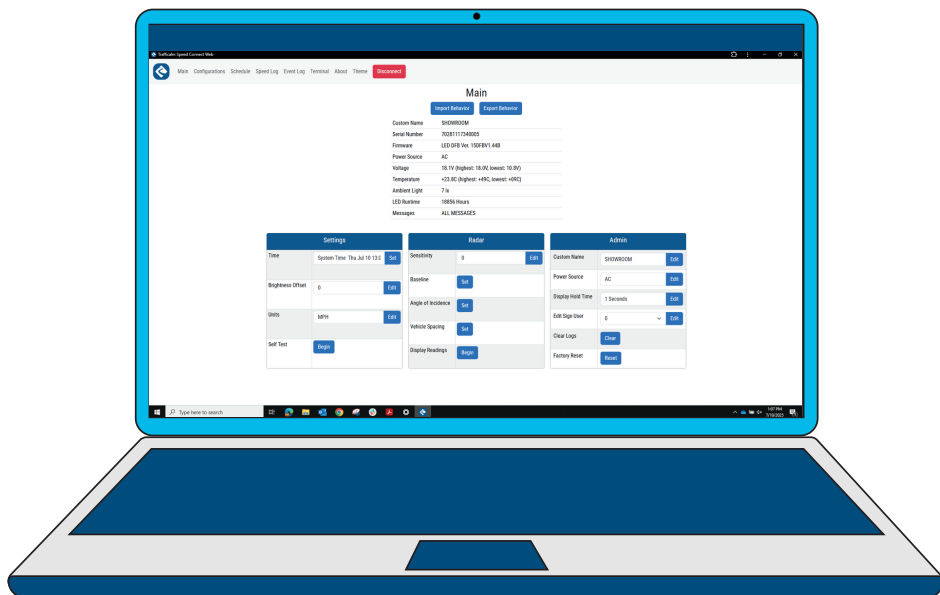




TrafficM Speed Connect (Web)



Software Configuration



This software is designed specifically for Windows PCs with a Chromium Browser

**For Android based devices, please use
TC Speed Connect (Mobile)**

**Available on the google play store*

PC Requirements:

- **Windows operating system**
- **Bluetooth capability**
- **Chromium browser (Chrome, Edge, Opera)**

ISO 9001: QUALITY STANDARDS



intertek

ISO 9001 certification signifies TraffiCalm's unwavering commitment to exceptional quality and continual improvement.

It reflects our dedication to delivering outstanding products and services, ensuring customer satisfaction and operational excellence. Our certification is a mark of reliability and consistency, demonstrating our commitment to excellence in the traffic safety industry.

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Opening the software

TC-Speed Connect (Web)

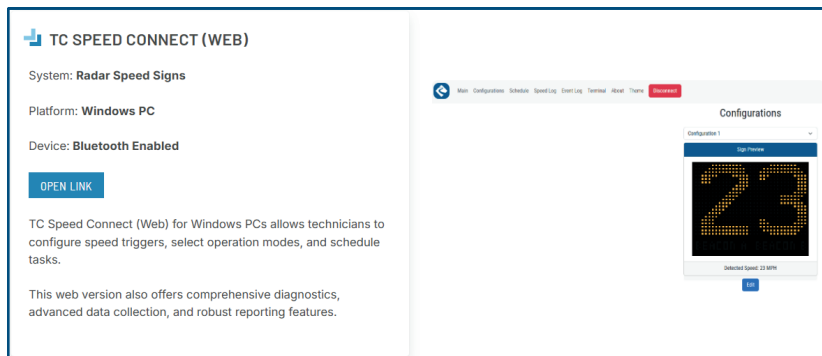
1. Loading the Program

- 1.1 Open the following link in a Chromium based browser (Chrome, Edge, Opera):

https://trafficalm-systems.github.io/speed_connect_web/

or go to

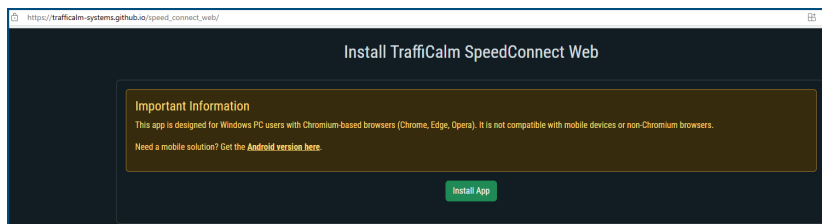
<https://trafficalm.com/resources/radar-speed-signs>



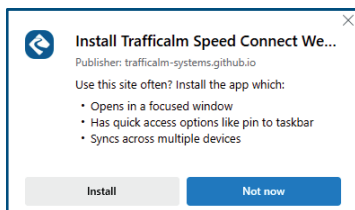
- 1.2 Scroll down to “TC Speed Connect (Web)”

- 1.3 Click “Open Link”

- 1.4 If this is your first time adding the app, the page below will appear.
Click “Install App”



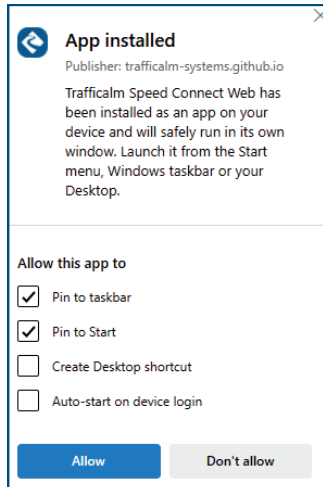
- 1.5 Click “Install”



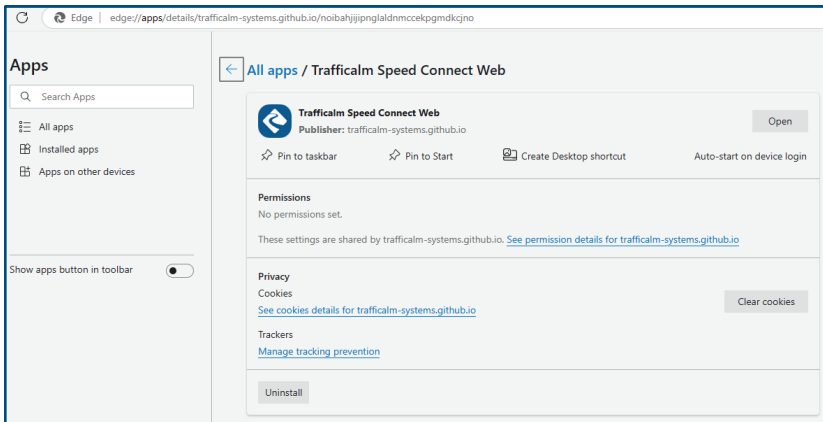
Opening the software

1. Loading the Program

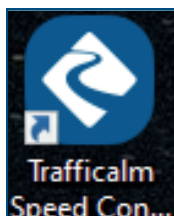
1.6 After installing, a dialog page will appear asking if you would like to create a shortcut for the app



*NOTE: If you want to create a shortcut later, Open the browsers app setting



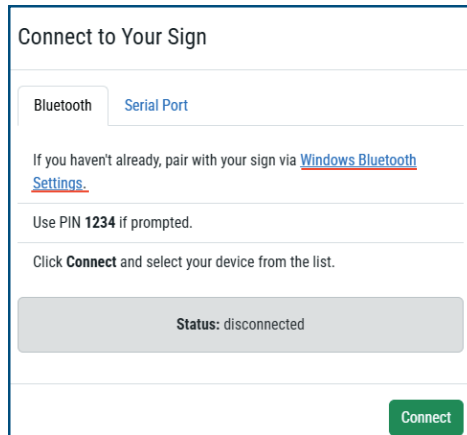
If you selected a desktop shortcut, it will be added to your desktop



Pairing the sign

2. Pairing the Sign

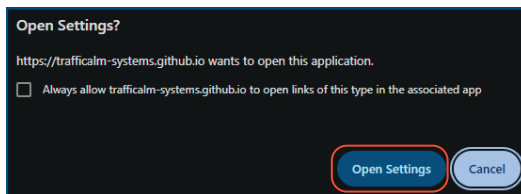
After installing, a “Connect to your sign” page will appear



The screenshot shows a web interface titled "Connect to Your Sign". It has two tabs: "Bluetooth" (selected) and "Serial Port". Below the tabs, there is instructional text: "If you haven't already, pair with your sign via [Windows Bluetooth Settings](#)." followed by "Use PIN 1234 if prompted." and "Click **Connect** and select your device from the list." Below this text is a grey box displaying "Status: disconnected". At the bottom right, there is a green "Connect" button.

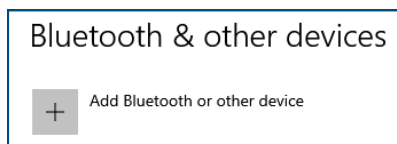
Bluetooth Setup

2.1 Open the Bluetooth settings by click the “Windows Bluetooth Settings”. A prompt box will open asking to open settings. Click “Open Settings”



The screenshot shows a Windows security prompt titled "Open Settings?". The text reads: "https://trafficalm-systems.github.io wants to open this application." Below this is a checkbox labeled "Always allow trafficalm-systems.github.io to open links of this type in the associated app." At the bottom right, there are two buttons: "Open Settings" (highlighted with a red circle) and "Cancel".

2.2 Click “Add Bluetooth or other device”

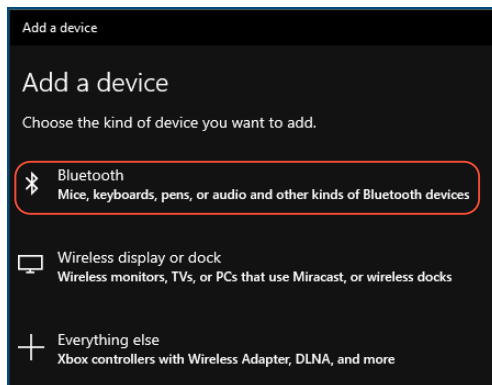


The screenshot shows the "Bluetooth & other devices" settings page in Windows. It features a large plus sign icon in a grey box followed by the text "Add Bluetooth or other device".

Pairing the sign

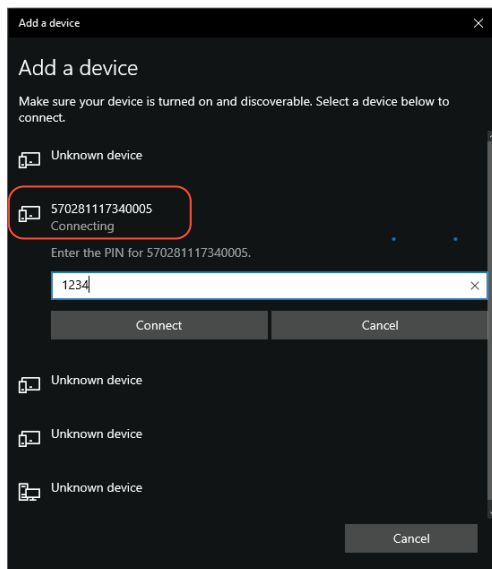
2. Pairing the Sign

2.3 Click "Bluetooth"



2.4 Find your Radar Speed sign, The device name will be the units serial number

- Connect with PIN: 1234



2.5 After successfully connecting, return back to the web browser

Pairing the sign

2. Pairing the Sign

RS232 Connection

Connect to Your Sign

BluetoothSerial Port

Open **Device Manager** and check the **Ports** section.

Note existing COM ports.

Connect the sign with an RS232-to-USB adapter.

Note the new COM port that appears.

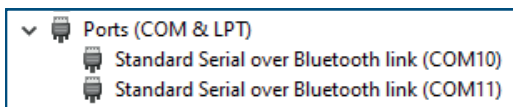
Click **Connect** and select the new port.

Status: disconnected

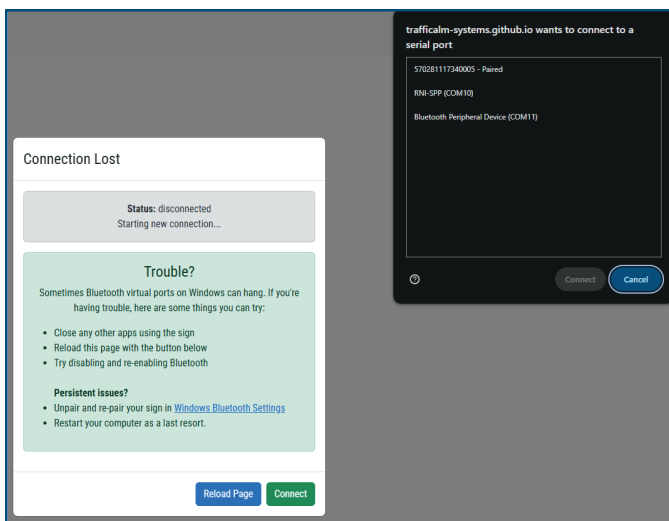
Connect

2.6 Locate the RS232 port on the bottom of the sign module. Plug in a RS232 to USB adaptor into the sign module port.

- BEFORE PLUGGIN INTO THE PC, Check the existing COM ports by opening up Device Manager



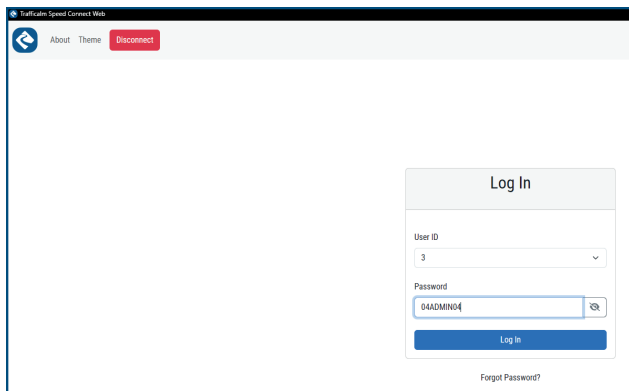
- Plug the USB end into the PC & note the new COM port
- Click Connect & select the new port



3. Login

3.1 Once properly paired, the Log in screen will appear

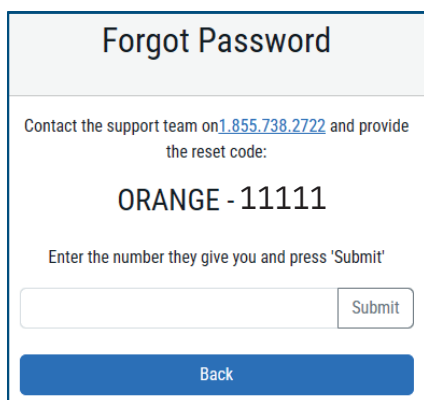
- Default login is as follows:
- User ID: 3
- Password: 04ADMIN04 (Case sensitive)



The screenshot shows a web browser window titled "TrafficCalm Speed Connect Web". The browser's address bar shows "About Theme" and a "Disconnect" button. The main content area is mostly blank, with a "Log In" form on the right side. The form has a title "Log In" and two input fields: "User ID" with a dropdown menu showing "3", and "Password" with the text "04ADMIN04" and a toggle icon. Below the password field is a blue "Log In" button. At the bottom of the form is a link that says "Forgot Password?".

3.2 Forgot password?

- Click "Forgot password"
- Call TrafficCalm Support team at 1-855-738-2722
- Provide the "Reset code" to a support team member. This will reset user 9 to the factory default password (04ADMIN04)



The screenshot shows a "Forgot Password" screen. At the top is the title "Forgot Password". Below it is a text block that says "Contact the support team on [1.855.738.2722](tel:1-855-738-2722) and provide the reset code:". Below this is the reset code "ORANGE - 11111" in large, bold, black letters. Below the code is a text prompt "Enter the number they give you and press 'Submit'". Below the prompt is a text input field and a blue "Submit" button. At the bottom is a blue "Back" button.

4. Overview



Main Configurations Schedule Speed Log Event Log Terminal About Theme

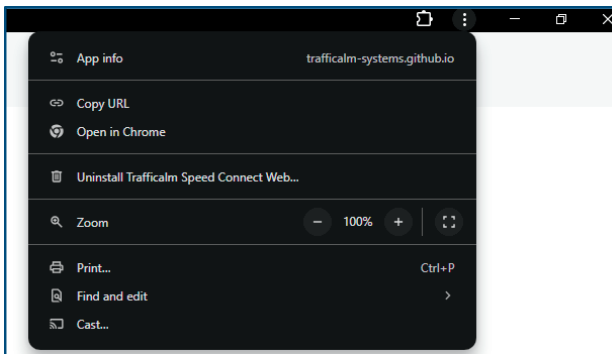
Disconnect

After successfully login in, there will be several pages to choose from

- Main: Overview of the sign health and settings
- Configurations: set how the sign will function
- Schedule: set when the sign will function
- Speed Log: Download and view speed logs from a certain time period
- Event Log: Download and view system event logs from a certain time period
- Terminal: execute command prompts to the sign
- About: Current version ID & Support information
- Theme: Change the color to light or dark mode
- Disconnect: unpair with the connected sign

Additional options:

- Click the three vertical dots in the top right corner of the app
- Get app info
- Uninstall
- open in a new window
- print screen



5. Main page

Import Behavior

Export Behavior

Custom Name	SHOWROOM
Serial Number	70281117340005
Firmware	LED DFB Ver. 15DFBV1.44B
Power Source	AC
Voltage	18.0V (highest: 18.0V, lowest: 10.8V)
Temperature	+26.8C (highest: +49C, lowest: +09C)
Ambient Light	7 lx
LED Runtime	18930 Hours
Messages	ALL MESSAGES

Settings

Time	System Time Mon Jul 14 14:	Set
Brightness Offset	0	Edit
Units	MPH	Edit
Self Test	Begin	

Radar

Sensitivity	0	Edit
Baseline	Set	
Angle of Incidence	Set	
Vehicle Spacing	Set	
Display Readings	Begin	

Admin

Custom Name	SHOWROOM	Edit
Power Source	AC	Edit
Display Hold Time	1 Seconds	Edit
Edit Sign User	0	Edit
Clear Logs	Clear	
Factory Reset	Reset	

- Import Behavior: use a saved .TCB file to autoload preconfigured settings
- Export Behavior: Save the current configuration to a .TCB file

- Custom Name: If set
- Serial Number: Signs serial number
- Firmware: Current firmware running on sign
- Power Source: How the sign is powered
- Voltage: Current DC voltage reading
- Temperature: Current temp. reading from sign
- Ambient light: Current light reading from sign
- LED Runtime: Lifetime hours of LEDs on for the sign
- Messages: Indicated if there is a issue with the system

Import Behavior

Export Behavior

Custom Name	SHOWROOM
Serial Number	70281117340005
Firmware	LED DFB Ver. 15DFBV1.44B
Power Source	AC
Voltage	18.0V (highest: 18.0V, lowest: 10.8V)
Temperature	+26.8C (highest: +49C, lowest: +09C)
Ambient Light	7 lx
LED Runtime	18930 Hours
Messages	ALL MESSAGES

Settings

Time	System Time Mon Jul 14 14:	Set
Brightness Offset	0	Edit
Units	MPH	Edit
Self Test	Begin	

Self Test Results

Internal test ON
EEPROM Test Passed.
RTC OKAY
Volt Sense = 18.0. Check Voltage Sensor.
Temperature = +26.4. OKAY
Light Sense = 7 Check Light Sensor.
Sign Test
LED Self Check: PASS
OK

OK

Settings

- Time: Set the correct time for the sign
- Brightness offset: 0 is default. -16 is the dimmest, +16 Brightest
- Units: Set to MPH or KPH
- Self Test: Runs a system test on the sign and indicated if any failures have occurred.

5. Main page

Radar

- **Sensitivity:** Makes radar readings more / less sensitive. Lower values detect less traffic, higher values detect more. Default is 0.
- **Baseline:** Setting the baseline will help filter out unwanted detections and minimize false detections. Wait for traffic to clear on the road and press Set
- **Angle of Incidence:** The angle in degrees of the sign to the oncoming traffic. Zero degrees describes a sign facing the traffic dead-on, 90 degrees is pointing across both lanes perpendicular to traffic. Default is 0
- **Vehicle Spacing:** The estimated distance from the front of one vehicle to the front of the next during typical traffic. Default is 50 feet.
- **Display Reading:** Give a preview of the Radar readings from the sign

Radar	
Sensitivity	<input type="text" value="0"/> Edit
Baseline	Set
Angle of Incidence	Set
Vehicle Spacing	Set
Display Readings	Begin

Admin	
Custom Name	<input type="text" value="SHOWROOM"/> Edit
Power Source	<input type="text" value="AC"/> Edit
Display Hold Time	<input type="text" value="1 Seconds"/> Edit
Edit Sign User	<input type="text" value="0"/> ▼ Edit
Clear Logs	Clear
Factory Reset	Reset

Admin

- **Custom Name:** Change the sign name
- **Power Source:** AC or Battery/Solar
- **Display Hold Time:** Changes the amount of time in seconds a speed is displayed for. Default is 1.
- **Edit Sign user:** Create up to 10 user logins. Can set as Admin or standard user.
- **Clear Logs:** Clears the speed & event logs from the sign
- **Factory Reset:** Restores the soft factory defaults


Configuration

6. Configuration

Configurations

Configuration 1

Sign Preview



Detected Speed: 32 MPH

Edit

Configurations

Configuration 1

Configuration 1

Configuration 2

Configuration 3

Configuration 4

Configuration 5

Configuration 6

Configuration 7

Configuration 8

Configuration 9

Configuration 10

Configuration 11

Configuration 12

Configuration 13

Configuration 14

Configuration 15

Edit

There is 15 configurations that can be programmed. Simply select one from the drop down menu and the click edit.

Edit

Configuration: Step 1 of 4

Configurations

Step 1 of 4 - Basic Settings

Sign Hardware

Full Matrix

Operation Mode

Driver Feedback

External Beacon Mode

Flash Alternately When Triggered

MUTCD Compliance (limits feedback options and LED colors)

Back

Next

Full Matrix

Seven Segment

Driver Feedback

Driver Feedback

Speed Limit Feedback

No Feedback (Stealth Mode)

Showroom Demo

Diagnostic Test

Off

MUTCD Compliance (limits feedback options and LED colors)

Flash Alternately When Triggered

Flash Alternately When Triggered

Flash Alternately Always

Speed Trap Mode

Emoticon Mode (Select Models Only)

IMPORTANT NOTICE: The configuration options provided in this utility may include features that are not permissible or restricted by local regulations. Some functionality may be disabled on your device.

Configuration

6. Configuration: Step 1 of 4

Sign Hardware:

- Full Matrix: Default. If unsure, Keep this selected
- Seven Segment: Only applies to certain 15" Driver feedback signs.

Full Matrix

Seven Segment

Operation Mode:

- Driver Feedback: Shows the drivers speed as they approach the sign
- Speed Limit Feedback: Shows the posted speed limit
- No Feedback (Stealth Mode): Sign remains blank but will still record speed data
- Showroom Demo: Demo mode showing different speeds
- Diagnostic Test: Used to visually inspect the LEDs on the sign
- Off: Sign is off, not collecting speed data

Driver Feedback

Driver Feedback

Speed Limit Feedback

No Feedback (Stealth Mode)

Showroom Demo

Diagnostic Test

Off

External Beacon Mode (Ignore if not used)

- Flash Alternately When Triggered: During steps 2 through 4, you can select when the beacons will flash under what circumstances
- Flash Alternately Always: Beacons will flash regardless of selection in steps 2 through 4
- Speed Trap Mode: Beacon A will be powered constant, Beacon B will be powered if driver is above speed limit
- Emoticon Mode (Select Models Only): Beacon B will be powered constant

Flash Alternately When Triggered

Flash Alternately When Triggered

Flash Alternately Always

Speed Trap Mode

Emoticon Mode (Select Models Only)

MUTCD Compliance (Limits Feedback options & LED Colors)

- Enabled by default
- Disabling will add additional options in steps 2 through 4

Extra Option

Flashing

Flashing

None

Flashing

Strobing Digits

Slow Down

Strobing Slow Down

Happy Face

Sad Face

Sad & Slow Down

- None: Sign will display as normal
- Flashing: Sign will flash the speed
- Strobing Digits: Sign will strobe the speed
- Slow down: Sign will flash speed, followed by "slow down"
- Strobing Slow Down: Sign will strobe speed, followed by "slow down"
- Happy Face: Sign will flash speed, followed by "Happy Face emotion"
- Sad Face: Sign will flash speed, followed by "Sad Face emotion"
- Sad & Slow down: Sign will flash speed, followed by "Sad Face emotion & slow down"

6. Configuration: Step 2 of 4

Configurations

Step 2 of 4 - Positive Feedback

These options are for positive feedback to compliant drivers.
They are currently shown between 1 and 60 MPH

Minimum Feedback Speed

1 MPH

Speed Limit

60 MPH

Show Driver Speed

☒

Extra Option

Flashing

Trigger External Beacons

☐

Back

Next

Positive Feedback (Drivers going at or below the speed limit)

- Minimum Feedback Speed: The minimum speed at which the sign will “turn on”
- Speed limit: The posted speed limit for the roadway. If used for school zone, this can also be the posted speed limit for a certain time of day (will be setup using the scheduling function)
- Show driver speed: Enabled by default. will display the drivers speed if selected
- Extra options: NON MUTCD COMPLIANT.

Extra Option

- None: Sign will display as normal
- Flashing: Sign will flash the speed
- Strobing Digits: Sign will strobe the speed
- Slow down: Sign will flash speed, followed by “slow down”
- Strobing Slow Down: Sign will strobe speed, followed by “slow down”
- Happy Face: Sign will flash speed, followed by “Happy Face emotion”
- Sad Face: Sign will flash speed, followed by “Sad Face emotion”
- Sad & Slow down: Sign will flash speed, followed by “Sad Face emotion & slow down”

Flashing
None
Flashing
Strobing Digits
Slow Down
Strobing Slow Down
Happy Face
Sad Face
Sad & Slow Down

Trigger External Beacons

- Enabling will flash beacons alternatively for drivers going at or below the speed limit selected on this page

6. Configuration: Step 3 of 4

Configurations

Step 3 of 4 - Warning Feedback

These options are a warning to drivers who have broken the speed limit due to inattention etc. They are currently shown between 61 and 98 MPH

Maximum Warning Speed

98 MPH

Show Driver Speed

Extra Option

Flashing

Trigger External Beacons

Back Next

Warning Feedback (Drivers going above the speed limit)

- Maximum Warning Speed: The max speed at which the sign will display setting enabled on this page.
- Show driver speed: Enabled by default. will display the drivers speed if selected
- Extra options: NON MUTCD COMPLIANT.

Extra Option

- None: Sign will display as normal
- Flashing: Sign will flash the speed
- Strobing Digits: Sign will strobe the speed
- Slow down: Sign will flash speed, followed by “slow down”
- Strobing Slow Down: Sign will strobe speed, followed by “slow down”
- Happy Face: Sign will flash speed, followed by “Happy Face emotion”
- Sad Face: Sign will flash speed, followed by “Sad Face emotion”
- Sad & Slow down: Sign will flash speed, followed by “Sad Face emotion & slow down”

Flashing
None
Flashing
Strobing Digits
Slow Down
Strobing Slow Down
Happy Face
Sad Face
Sad & Slow Down

Trigger External Beacons

- Enabling will flash beacons alternatively for drivers going at or below the speed limit selected on this page

6. Configuration: Step 4 of 4

Step 4 of 4 - Urgent Feedback

These options are urgent feedback to drivers who are substantially over the speed limit. They are currently shown between 99 and 99 MPH

Maximum Feedback Speed

99 MPH

Show Driver Speed

Extra Option

Flashing

Trigger External Beacons

Back Save Configuration

Urgent Feedback (Drivers going substantially above the speed limit)

- Maximum Feedback Speed: The max speed at which the sign will display (Used to prevent racing the sign)
- Show driver speed: Enabled by default. will display the drivers speed if selected
- Extra options: NON MUTCD COMPLIANT.

Extra Option

- None: Sign will display as normal
- Flashing: Sign will flash the speed
- Strobing Digits: Sign will strobe the speed
- Slow down: Sign will flash speed, followed by “slow down”
- Strobing Slow Down: Sign will strobe speed, followed by “slow down”
- Happy Face: Sign will flash speed, followed by “Happy Face emotion”
- Sad Face: Sign will flash speed, followed by “Sad Face emotion”
- Sad & Slow down: Sign will flash speed, followed by “Sad Face emotion & slow down”

Flashing
None
Flashing
Strobing Digits
Slow Down
Strobing Slow Down
Happy Face
Sad Face
Sad & Slow Down

Trigger External Beacons

- Enabling will flash beacons alternatively for drivers going at or below the speed limit selected on this page

7. Scheduling

Schedule

Preview

Daily Rules

occur every day

At 11:45 AM activate Configuration 1

At 11:50 AM activate Configuration 2

Add Rule

Weekly Rules

occur once a week (overrides all daily rules of the same hour and minute)

On THU at 11:47 AM activate Configuration 2

On THU at 11:49 AM activate Configuration 1

Add Rule

Dated Rules

occur on a given date (overrides all daily and weekly rules of the same hour and minute)

Add Rule

Scheduling is **REQUIRED** to enable sign operations

- Default schedule is 12:00AM Activate Configuration 1 (Daily Rules)

There are three different scheduling rules:

- Daily Rules: Will activate daily at the selected time
- Weekly Rules: Will activate on a select day of the week at time selected.
- Dated Rules: Will activate on a specific day at time selected

Dated rules will supersede weekly & daily rules at the same hour and minute
weekly rules will supersede daily rules at the same hour and minute

****Note: Weekly & Dated rules MUST be set for the same time as daily or weekly to activate over other rules established.****

Add Daily Rule

- Click “Add Rule” in Daily rules
- Select the time for the rule to activate
- Select the configuration you would like to run at the selected time
- Click “Add Rule” to save

Add Daily Rule

Time 12:00 AM

Configuration

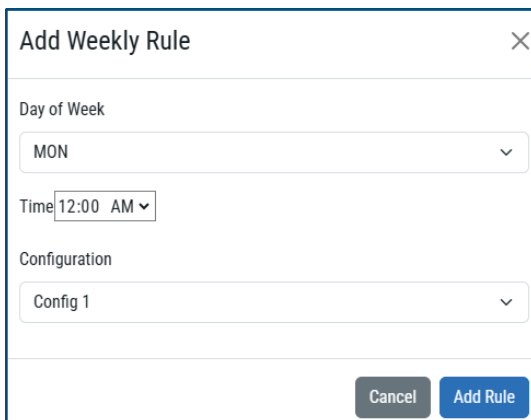
Config 1

Cancel Add Rule

7. Scheduling

Add Weekly Rule

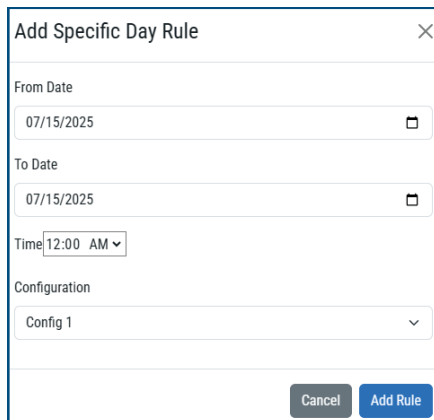
- Click “Add Rule” in Weekly rules
- Select the day of the week
- Select the time for the rule to activate
- Select the configuration you would like to run at the selected time
- Click “Add Rule” to save



The "Add Weekly Rule" dialog box features a title bar with a close button (X). It contains three main sections: "Day of Week" with a dropdown menu set to "MON", "Time" with a dropdown menu set to "12:00 AM", and "Configuration" with a dropdown menu set to "Config 1". At the bottom right, there are two buttons: "Cancel" and "Add Rule".

Add Specific Day Rule

- Click “Add Rule” in Dated rules
- Select the “From Date”
- Select the “To Date”
- Select the time for the rule to activate
- Select the configuration you would like to run at the selected time
- Click “Add Rule” to save



The "Add Specific Day Rule" dialog box features a title bar with a close button (X). It contains four main sections: "From Date" with a text input field showing "07/15/2025" and a calendar icon, "To Date" with a text input field showing "07/15/2025" and a calendar icon, "Time" with a dropdown menu set to "12:00 AM", and "Configuration" with a dropdown menu set to "Config 1". At the bottom right, there are two buttons: "Cancel" and "Add Rule".

8. Scheduling Example (Standard)

Basic Scheduling (24/7 Speed compliance)

This example will show you how to set up a configuration showing the speed of drivers with flashing beacons.

8.1 Configuration:

- Click “Configurations” from the top bar
- Select “Configuration 1 & click “Edit”
- Step 1:
 1. Sign Hardware: Full Matrix
 2. Operation Mode: Driver Feedback
 3. External beacon Mode: Flash Alternately when triggered
 4. MUTCD Compliance: Leave checked
- Click “Next”
- Step 2
 6. Minimum Feedback Speed: 5 MPH
 7. Speed limit: 25 MPH (This will be your posted speed limit)
 8. Show driver speed: Leave checked
 9. Trigger External Beacons: Leave Unchecked
- Click “Next”
- Step 3
 11. Maximum Warning Speed: 50 MPH (This is the max you want drivers to see their speed)
 12. Show driver speed: Leave checked
 13. Trigger External Beacons: Check box
- Click “Next”
- Step 4
 15. Maximum Feedback Speed: Set to 99 (This will enable the beacons to stay flashing)
 16. Show driver Speed: Leave Unchecked
 17. Trigger External Beacons: Check box
- Click “Save Configuration”

8.2 Schedule:

- Click “Schedule” from the top bar
- If any rules are listed, click the red X and delete them out of the schedule
 1. Under “Daily Rules” click “Add Rule”
 2. Set time to 12:00AM
 3. Configuration: Select Configuration 1
 4. Click “Add Rule”
- Click the green “Set Schedule”

Congratulations! your sign is now active and will display configuration 1 daily

8. Scheduling Example (School Zone)

School Zone Scheduling

This example will show you how to set up a configuration for a school zone

8.4 Configuration 1: (This configuration will be set when NOT during school zone hours)

- Click “Configurations” from the top bar
- Select “Configuration 1 & click “Edit”
- Step 1:
 1. Sign Hardware: Full Matrix
 2. Operation Mode: Driver Feedback
 3. External beacon Mode: Flash Alternately when triggered
 4. MUTCD Compliance: Leave checked
- 5. Click “Next”
- Step 2
 6. Minimum Feedback Speed: 5 MPH
 7. Speed limit: 25 MPH (This will be your posted speed limit)
 8. Show driver speed: Leave checked
 9. Trigger External Beacons: Leave Unchecked
- 10. Click “Next”
- Step 3
 11. Maximum Warning Speed: 50 MPH (This is the max you want drivers to see their speed)
 12. Show driver speed: Leave checked
 13. Trigger External Beacons: Unchecked
- 14. Click “Next”
- Step 4
 15. Maximum Feedback Speed: Set to 99
 16. Show driver Speed: Leave Unchecked
 17. Trigger External Beacons: Unchecked
- 18. Click “Save Configuration”

8.5 Configuration: (This configuration will be set during school zone hours)

- Select “Configuration 2 & click “Edit”
- Step 1:
 1. Sign Hardware: Full Matrix
 2. Operation Mode: Driver Feedback
 3. External beacon Mode: Flash Alternately Always
 4. MUTCD Compliance: Leave checked
- 5. Click “Next”
- Step 2
 6. Minimum Feedback Speed: 5 MPH
 7. Speed limit: 15 MPH (This will be your School zone speed limit)
 8. Show driver speed: Leave checked
- 9. Click “Next”

8. Scheduling Example (School Zone)

- Step 3
- 10. Maximum Warning Speed: 50 MPH (This is the max you want drivers to see their speed)
- 11. Show driver speed: Leave checked
- 12. Click "Next"
- Step 4
- 13. Maximum Feedback Speed: Set to 99
- 14. Show driver Speed: Leave Unchecked
- 15. Click "Save Configuration"

8.6 Schedule:


- Click "Schedule" from the top bar
- If any rules are listed, click the red X and delete them out of the schedule
 1. Under "Daily Rules" click "Add Rule"
 2. Set time to 12:00AM
 3. Configuration: Select Configuration 1
 4. Click "Add Rule"
- Weekly Rules
 1. Click "Add Rule"
 2. Select: Mon (Monday)
 3. Select Time: 7:00 AM (The time you want School zone speed limit to start)
 4. Select "Config 2"
 5. Click "Add Rule"
- Weekly Rules
 6. Click "Add Rule"
 7. Select: Mon (Monday)
 8. Select Time: 9:00 AM (The time you want School zone speed limit to stop)
 9. Select "Config 1"
- 10. Click "Add Rule"
- Repeat Weekly Rules for afternoon times
- Repeat Weekly rules for the remainder of the week (Tue, Wed, Thur, Fri)

These will be used for scheduled breaks or single events

- Dated Rules
 1. Click "Add Rule"
 2. From Date: Select the start date
 3. To Date: Select the end date
 4. Time: 7:00AM (Same time as your start time on weekly)
 5. Select "Config 1"
 6. Select "Add Rule"
- Repeat for each time that needs to be over written.
- Click the green "Set Schedule"

Congratulations! your sign is now active and will follow the set schedule

9 Speed Log



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Disconnect

Speed Log

To keep log download times reasonable, please clear logs in the Main page after saving them!

From:

To:

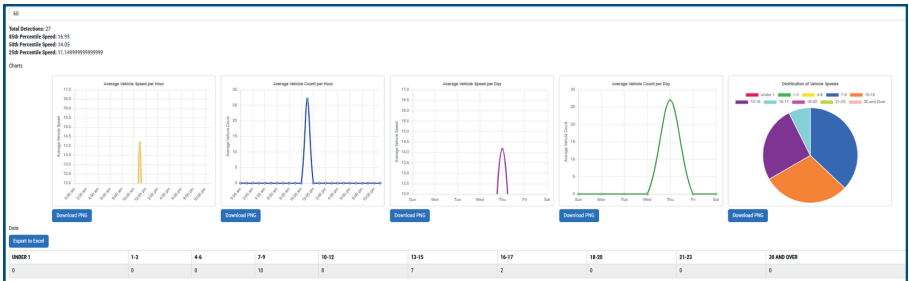
Fetch

07/10/2025

07/10/2025

The Speed log will provide a breakdown of all the record speeds on a roadway for a given time frame.

- From: The start date you want speed data from
- To: The end date you want speed data from
- Fetch: Will pull the data from the selected time frame



- Select Speed Limit: This will populate the data collected for that speed.
- Total Detections: total vehicles detected for that speed limit
- 85th Percentile Speed: the speed that 85% of traffic is traveling
- 50th Percentile Speed: the speed that 50% of traffic is traveling
- 25th Percentile Speed: the speed that 25% of traffic is traveling


Charts: Visual breakdown of the speed data

Data: [Export to Excel]

- Data points are populated every 15 minutes. It is viewable within the app or can be downloaded as an excel file for further manipulation.

IMPORTANT: TO KEEP DOWNLOAD TIMES LOW AND TO CONSERVE SYSTEM MEMORY, IT IS RECOMMENDED TO CLEAR SPEED DATA AFTER SAVING THEM.

10. Event Log

 Main Configurations Schedule Speed Log **Event Log** Terminal About Theme Disconnect

Event Log

To keep log download times reasonable, please clear logs in the Main page after saving them!

From: 07/10/2025 To: 07/10/2025 Fetch

The Event log will provide a breakdown of the system health & status for a given time frame.

- From: The start date you want event data from
- To: The end date you want event data from
- Fetch: Will pull the data from the selected time frame

Data

Export to Excel

☒ SYSTEM ☒ SECURITY ☒ POWER ☒ INTERACTION ☒ SCHEDULED

Time	Event Source	Voltage	Temperature	Ambient Light	Message	Detected Speed	Stealth Mode	Test Mode	Demo Mode	Amber LED Display	Red LED	Sensors Powered	Automatic LED Dimming	Radar Approach Only
7/10/2025, 12:48:57 PM	Successful login: User 3	18	23	7	None. Temperature and voltage readings normal	0 MPH	No	No	No	Off	Off	Off	No	Yes
7/10/2025, 12:45:00 PM	System snapshot	18	22	7	None. Temperature and voltage readings normal	0 MPH	No	No	No	Off	Off	Off	No	Yes
7/10/2025, 12:34:44 PM	User logged off due to time out	18	22	7	None. Temperature and voltage readings normal	0 MPH	No	No	No	Off	Off	Off	No	Yes
7/10/2025, 12:30:00 PM	System snapshot	18	22	7	None. Temperature and voltage readings normal	0 MPH	No	No	No	Off	Off	Off	No	Yes
7/10/2025, 12:17:30 PM	Successful login: User 3	18	25	7	None. Temperature and voltage readings normal	0 MPH	No	No	No	Off	Off	Off	No	Yes
7/10/2025, 12:15:51 PM	Successful login: User 3	18	25	7	None. Temperature and voltage readings normal	0 MPH	No	No	No	Off	Off	Off	No	Yes
7/10/2025, 12:15:01 PM	System snapshot	18	24	20	None. Temperature and voltage readings normal	0 MPH	No	No	No	Off	Off	Off	No	Yes
7/10/2025, 12:13:03 PM	Configuration saved to EEPROM	18	25	0	None. Temperature and voltage readings normal	3 MPH	No	No	No	Off	Off	Off	No	Yes
7/10/2025, 12:13:02 PM	User changed speed log range	18	25	0	None. Temperature and voltage readings normal	3 MPH	No	No	No	Off	Off	Off	No	Yes

Data: [Export to Excel]

- Data points are populated every 15 minutes unless a user change is logged. It is viewable within the app or can be downloaded as an excel file for further manipulation.

The check box's (System, Security, Power, Interaction, Scheduled) will show or hide those event types

1. Time: Time stamp

2. Event Source: Type of event

3. Voltage: DCV

4. Temp: Temperature recorded

5. Ambient Light: LUX recorded

6. Message: Additional information

7. Detected Speed: Speed recorded

8. Stealth mode: Yes or No
9. Test Mode: Yes or No

10. Demo Mode: Yes or No

11. Display: On or Off

12. Amber LEDs: On or Off

13. Red LEDs: On or Off

14. Sensors Powered: Yes or No

15. Auto LED Dimming: Yes or No

16. Radar Approach only: Yes or No

IMPORTANT: TO KEEP DOWNLOAD TIMES LOW AND TO CONSERVE SYSTEM MEMORY, IT IS RECOMMENDED TO CLEAR EVENT DATA AFTER SAVING THEM.

11. Terminal

Terminal

```
07/10/25, 11:22:14, 18.0, +25, 0000, 032, 016, 000, o
07/10/25, 11:22:13, 18.0, +25, 0000, 032, 016, 000, &
07/10/25, 11:22:12, 18.0, +26, 0000, 032, 016, 000, r
07/10/25, 11:22:12, 18.0, +25, 0000, 032, 016, 000, r
07/10/25, 11:22:12, 18.0, +25, 0000, 032, 016, 000, m
07/10/25, 11:22:11, 18.0, +26, 0000, 032, 016, 000, m
07/10/25, 11:22:11, 18.0, +25, 0000, 032, 016, 000, m
07/10/25, 11:22:11, 18.0, +25, 0000, 032, 016, 000, m
07/10/25, 11:22:11, 18.0, +26, 0000, 032, 016, 000, s
07/10/25, 11:22:10, 18.0, +25, 0000, 032, 016, 000, a
07/10/25, 11:22:10, 18.0, +25, 0000, 032, 016, 000, d
07/10/25, 11:22:09, 18.0, +25, 0000, 032, 000, 001, o
07/10/25, 11:21:07, 18.0, +25, 0000, 032, 000, 001, #
07/10/25, 11:21:07, 18.0, +25, 0000, 032, 000, 001, $
07/10/25, 11:20:59, 18.0, +25, 0000, 032, 032, 001, i
END OF EVENT LOG
OK
Sign OFF
```

Send

Cancel Stream

Transaction State: IDLE

- Terminal Changes are only executable on a Admin account.
- Typically this will NOT be used unless advised so by a Trafficalm Technician. For further information on the terminal or advance use cases, please contract Customer support at:

(855)-738-2722

or

[Trafficalm.com/support/contact](https://trafficalm.com/support/contact)



12. Notes

DS	Bluetooth pairing code: 1234 App login: User 3, PW: 04ADMIN04
DS	Bluetooth name: Signs serial number. Located on the backside of the sign.
DS	Schedule MUST BE ENABLED for sign to function!

12. Notes

[illegible]



TRAFFICALM

PELCO SOLUTIONS

For Any Further Assistance Please Call
our Technical Service Department at:
855-738-2722



TRAFFICALM PELCO SOLUTIONS

Revision	Reason	Owner/Date
A	Initial Release	DS 20250716

029-06461-0000
REV-A