VIA WS200 Mobile360 Wireless Speed Sensor User Guide

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VIA WS200 Mobile360 Wireless Speed Sensor

Specifications

- **Model:** VIA Mobile360 Wireless Speed Sensor
- **Compatibility:** M500 version supporting Wireless Speed Sensor V3.0.0(2pd) and V2.0.0(3pd) or higher
- **App Requirement**: VIA Workx APP V1.6.6 or higher
- **Manufacturer:** VIA Technologies Inc

Product Usage Instructions

Upgrade and Installation

Upgrade the M500 to the compatible version and install the VIA Workx APP on your phone.

Pairing Process

1. Open the VIA Workx APP and connect M500.
2. In the Settings page, locate Optional Accessories, and find the Wireless Speed Sensor.
3. If unpaired, start the pairing process by selecting StartPairing, scan for the sensor, and input the necessary details.
4. Upon successful pairing, view MAC and battery info in the settings.

LCD Display

When unbound, the speed icon won’t display on the LCD screen. After binding, the speed icon will appear, showing the actual speed while driving.

Instructions for use

1. Upgrade the M500 to a version that supports Wireless Speed Sensor (V3.0.0(2pd) and V2.0.0(3pd) or higher) and install VIA Workx APP V1.6.6 or higher on the phone.
2. Enter the VIA Workx APP to Connect M500, the “Camera” interface will be displayed by default, click “Settings”, and find the “Optional Accessories” in the “Settings” page, and the Wireless Speed Sensor is N/A (unpaired state) when it is used for the first time. (Figure 1)

Figure 1

3. If the Wireless Speed Sensor has been paired before, the optional accessory “Wireless Speed Sensor” is in paired status and displays the MAC address of the Wireless Speed Sensor. (Figure 2) Click on the “Wireless Speed Sensor” in the app settings page to unpair. (Figure 3) After unpairing, it will revert to the “unpaired” state. (Figure 1)

Figure 2

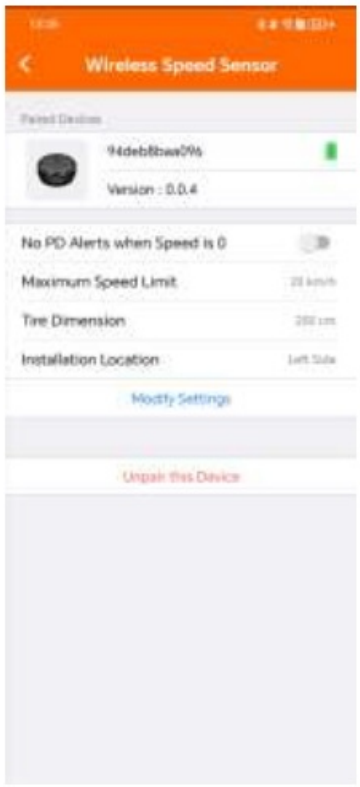


Figure 3

4. When the Wireless Speed Sensor is in the “unpaired” state, click on the “Wireless Speed Sensor” to enter the Wireless Speed Sensor pairing prompt page. (Figure 4) Click “Start Pairing”, wait for the M500 to scan to the corresponding Wireless Speed Sensor, (Figure 5) click on the Wireless Speed Sensor that needs to be added, Enter Maximum Speed Limit, Tire Dimension and Installation Location. (Figure 6) Click “OK” and it will be displayed in the pairing. (Figure 7) After successful pairing, you can see the MAC and corresponding battery information of the connected Wireless Speed Sensor on the settings page. (Figure 3)

Figure 4

Figure 5

Figure 6

Figure 7

5. When Wireless Speed Sensor is not bound, the LCD screen does not display “speed icon”. (Figure 8) After the Wireless Speed Sensor is binding, the LCD screen displays the “speed icon”. (Figure 9) When the vehicle is moving, the “speed icon” will display the actual speed. (Figure 10) When the vehicle exceeds the maximum speed limit, the “speed icon” will display the speed in red font. (Figure 11)

Figure 8

Figure 9

Figure 10

Figure 11

FCC

For FCC

1. Any changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.
2. 2.This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:

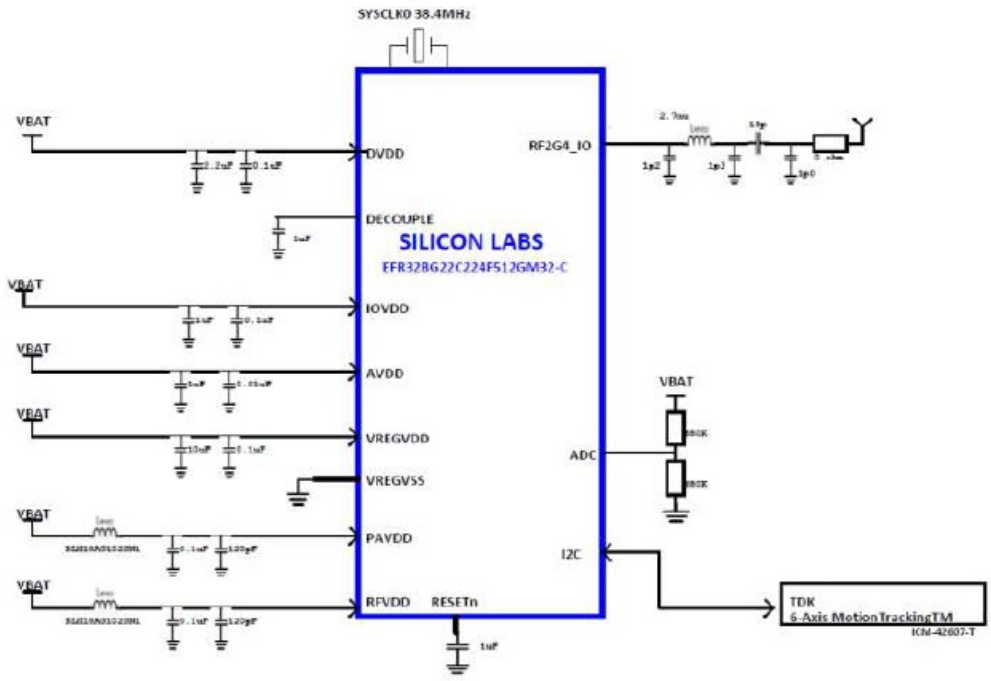
1. This device may not cause harmful interference,
2. This device must accept any interference received, including interference that may cause undesired operation.

RF exposure statements
This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body or nearby persons.

Operational description

- **Product name**: VIA Mobile360 Wireless Speed Sensor
- **Brand name**: VIA
- **Model name:** WS200
- **FCC ID:** NCI-M360-WS200
- **Frequency:** 2402MHz~2480MHz
- **Operating Temperature:** -20℃~70℃
- **Power Consumption:** 3Vdc

BLOCK DIAGRAM



Frequently Asked Questions

- **Q: What should I do if the Wireless Speed Sensor is not pairing?**
  - A: Ensure the sensor is unpaired, initiate the pairing process in the app settings, and follow on-screen instructions carefully.
- **Q: How can I check the maximum speed limit set for the Wireless Speed Sensor?**

- A: The maximum speed limit can be viewed on the settings page of the app after successful pairing with the sensor.

Documents / Resources

	VIA WS200 Mobile360 Wireless Speed Sensor [pdf] User Guide M360-WS200, NCI-M360-WS200, NCIM360WS200, WS200 Mobile360 Wireless Speed Sensor, WS200, Mobile360 Wireless Speed Sensor, Wireless Speed Sensor, Speed Sensor, Sensor

References

- User Manual