

FMX-300AB

Wireless RGB LED Full Matrix Speed Display Kit

Make your own **Speed Display Sign** the way you want it

We did all heavy lifting for you. With our kit, you can make your own Full Matrix color LED Speed Display according to your requirements and specifications fast and easy. Numerous configurations for you to choose: 10", 12", 15" or 17" high digits. Single color, Tri-color or Multi-color RGB.

The kit includes Microprocessor controlled Doppler Radar system with highly optimized signal processing algorithms for quick and accurate speed measurements and the universal wireless LED matrix controller compatible with most LED modules on the market.



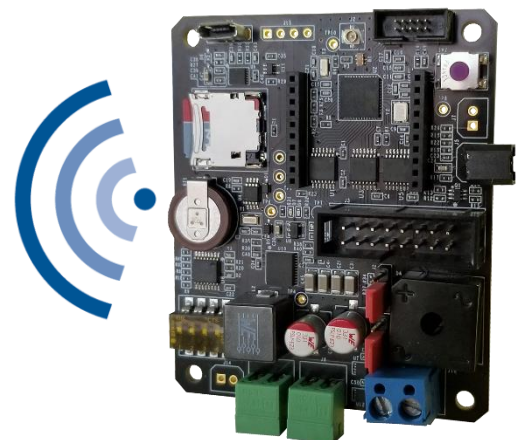
12" RGB Speed Display

What do you need to make a complete product?

What we provide:	What you provide:
<ul style="list-style-type: none">• Wireless Doppler Radar	<ul style="list-style-type: none">• Outdoor sign enclosure
<ul style="list-style-type: none">• Wireless LED Display Controller	<ul style="list-style-type: none">• LED modules (various sources)
<ul style="list-style-type: none">• Traffic Data Collection	<ul style="list-style-type: none">• <i>Optional: AC-DC power supply</i>
<ul style="list-style-type: none">• Customized Software and API	<ul style="list-style-type: none">• <i>Optional: Battery with charger</i>
<ul style="list-style-type: none">• Statistical Analysis Tool	<ul style="list-style-type: none">• <i>Optional: Solar Panel</i>



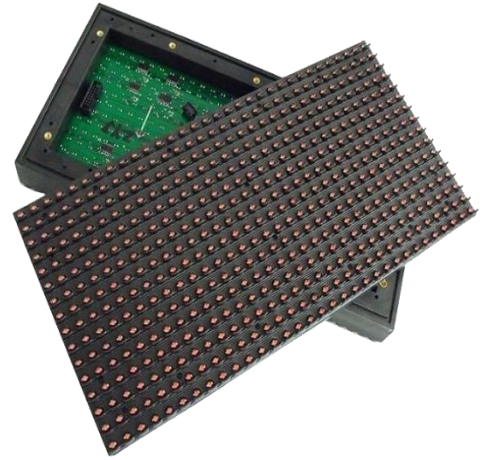
RSD-300AT Wireless Doppler Radar Sensor with Bidirectional Traffic Data Collection Included



AMR-V2 Wireless Universal RGB LED Matrix display controller with smart power control

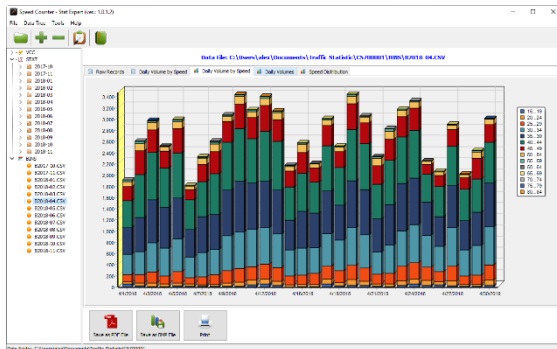
Recommended Display Configurations

- Typical LED Pitch: 10 mm (P10), 16 mm (P16).
- Possible Display (Digits) Height:
 - ❖ P10: 12.6" (320 mm), 18.9" (480 mm), 25" (640 mm).
 - ❖ P16: 10" (256 mm), 15" (384 mm), 20" (512 mm).
- LED configurations and colors:
 - ❖ RGB: 7-colors.
 - ❖ RG or 2RG: red, green, yellow (amber).
 - ❖ Single color.
- Supported Interfaces: HUB75, HUB12, HUB8.
- Scan Rates: 1:1, 1:2, 1:4.



State of art wireless Doppler Radar included

High-accuracy Doppler radar measures the speed of each vehicle and capable to track multiple vehicles moving in both directions at the same time. Virtually unlimited data storage on a removable Micro SD card allows continuous recording of 10+ years of detailed traffic statics. All information is stored in MS Excel compatible files (CSV).



Collected traffic statistic:

- Individual time-stamped records for each vehicle.
- Average, Minimal and Maximal speed of each vehicle.
- Vehicle size estimation (Maxima RSSI level).
- Speed variation (acceleration or deceleration).
- Programmable Speed Bins summary.

Flexible and open for Your Ideas

Have an idea of a specific your own model of a full-matrix Radar Speed Display Sign? Please do not hesitate to ask us about customization of our firmware and software according to your needs. We are dedicated to satisfying all of your requirements.

TNSense Inc.

226 rue Roy, St-Eustache, Quebec, Canada, J7R 5R6
email: info@tnsense.com
phone: +1 (514) 519-1277



15" RGB Speed Display