

Pole Mounted Displays

Radar Speed Display



Kustom Signals pole mount radar speed displays are ideal for speed awareness. Now with 5-year warranty!

Highly Visible

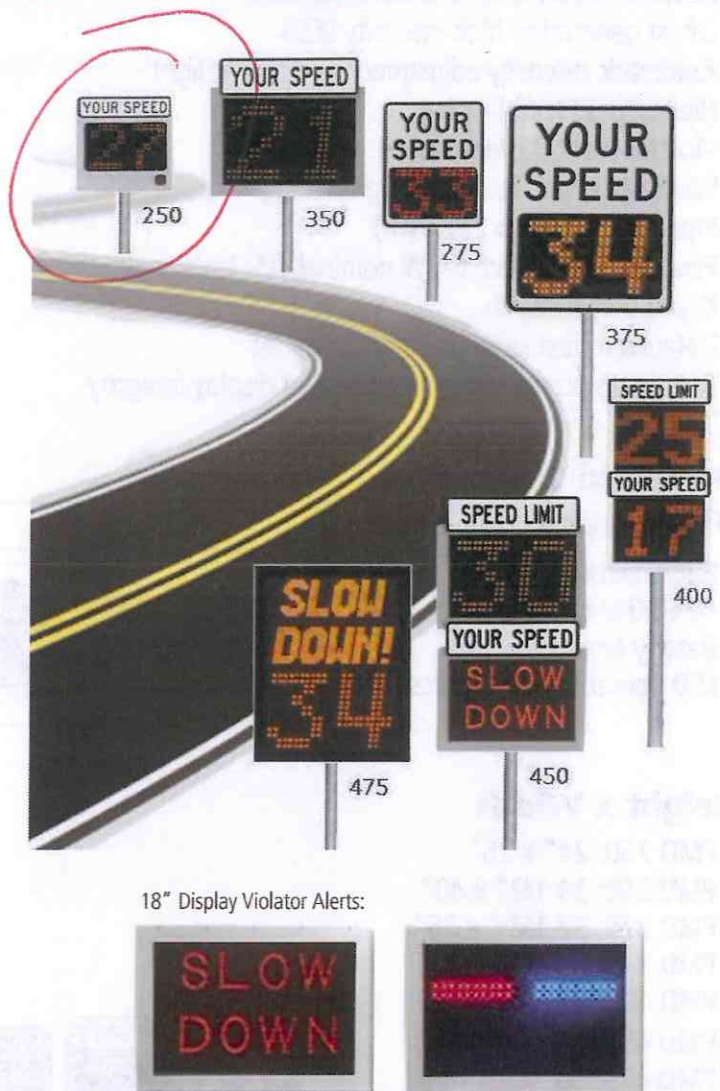
- Radar speed feedback
- Communities realize the benefits of enforcement and safety efforts
- Ideal for Safe Route grants
- Proven to reduce traffic speeds
- Neighborhoods are safer, quieter
- Efficient allocation of police resources
- Easily readable from great distance
- 12" and 18" displays

Key Features

- Kustom Signals' directional radar
- Full matrix high intensity speed display
- Automatic light sensor adjusts to ambient light
- High/Low speed blanking
- Violator alert: flashing LEDs, message
- On-board diagnostics
- Wireless remote for easy programming
- "Your speed" or "school zone" sign
- Battery life is continuous operation with the solar package option
- 5-year warranty for all trailer electronics including display, radar, optional solar and statistics package

Scalable Solutions

- Multiple violator alert options
- Solar power
- On-board Data Recorder for traffic surveys



Highly visible

Improve community relations

Best warranty in the industry

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Pole Mounted Displays

Radar Speed Display



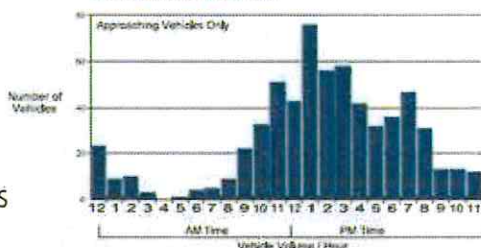
Features

- Kustom Signals K band directional radar
- Latest generation high intensity LEDs
- Automatic intensity adjustment to ambient light
- High/Low speed blanking
- Violator alert: flashing speed
- Wireless remote for easy programming
- Input: 110V (90 to 277 VAC)
- Power consumption: 6-7W nominal, 15-18W peak
- Keyed on/off switch
- Defaults to last settings upon power up
- Built in on-screen diagnostics testing display integrity

On-board Options/ Diagnostics

- Radar sensitivity
- MPH/KPH operation
- Battery test
- LED operation diagnostics

Traffic Data Recorder

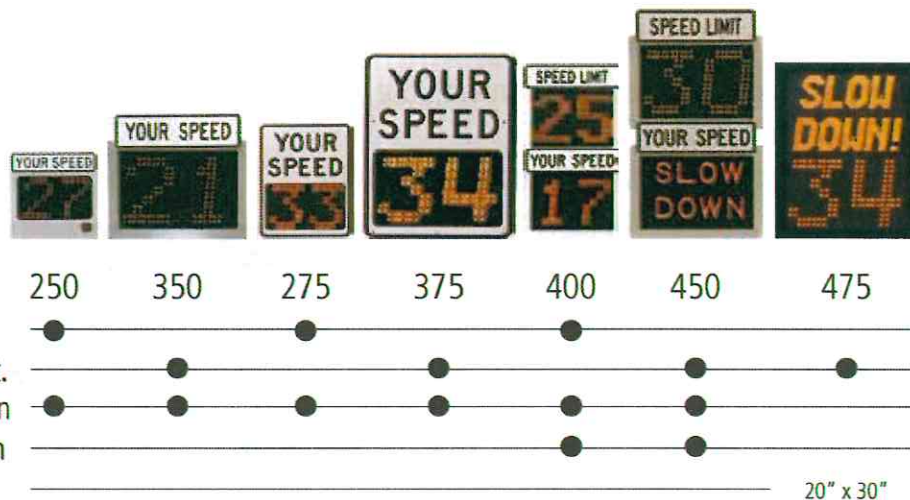


Height x Width

- PMD 250: 24" x 26"
- PMD 350: 34 1/2" x 40"
- PMD 275: 32 1/2" x 26"
- PMD 375: 54 1/2" x 41"
- PMD 400: 49" x 28 1/2"
- PMD 450: 64 1/2" x 40"
- PMD 475: 50" x 39 1/2"

PMDs

- 12" display: max visibility 750 ft.
- 18" display: max visibility 1,250 ft.
- MUTC compliant YOUR SPEED sign
- MUTC compliant SPEED LIMIT sign
- LED variable message display



Options

- Solar power package
- Violator alert: red-blue flashing bars (other colors available)
- Red violator alert: 18" display "SLOW DOWN"
- Red violator alert: 12" display "SLOW"
- White LED strobe violator alert
- Traffic data recording computer
- Dry contact: set in 1 MPH increments
- 4 1/2" pole installation kit - 14' pole
- Two, 8" amber beacons kit
- Hitch mount for vehicles
- Alarm

Casework

- 1/8" thick welded aluminum construction
- Rear access panel to critical components
- White or black powder coat paint, inside and out
- All stainless steel hardware
- Lexan® shielding with smoked, non-glare finish
- Universal mounting brackets



Prodigy II

Pole Mounted Speed Display Sign

A Full Matrix Display, Ideal size for school zones, residential streets, parking garages, industrial campus's and numerous other applications. Easily setup and operated, lightweight, modular designed LED Speed Display Sign to provide a strong consistent Driver Feedback for Enhanced Speed Awareness.



features

- Aluminum, powder coated enclosure with stainless steel hardware
- 4 settings for speed messages with graphic capability
- User defined Under, Over and Maximum Speed Display Settings
- Multi stage On/Off Scheduler
- Vehicle Statistical Data Software
- 3 user selectable numerical sizes
- Bluetooth Communication
- SD Storage

options

- Solar Panel
- AC Power Module
- Video Camera
- 7 inch LCD Android Tablet Remote
- Other Options Available



Contact Us

sales@monitorsystems.net www.monitorsystems.net Dallas, TX.

1-888-819-7023



Prodigy II Spec Sheet

Create/Display Messages

- 4 settings for speed messages with graphic capability
- User defined Under, Over and Maximum Speed Display Settings
- Multi-stage on/off scheduler
- Includes programming software
- Vehicle statistical data
- Covert vehicle data capture
- Real-time clock
- On-board program storage
- Integrated bluetooth transceiver
- 3 user selectable numerical sizes
- SD card memory for expandable storage
- 4 LED's per pixel
- Polycarbonate, impact-resistant clear window
- LED pulse width modulation for longer battery life
- Keyed on/off

Display

- 12H x 18W x 3.5D inches, LED display area
- Auto brightness (automatically adjusts for light conditions)
- Aluminium enclosure with graffiti-resistant, powder-coated finish
- Shatter-resistant polycarbonate display window for maximum protection
- Super bright, wide angle amber LED's
- Displays oncoming (approaching) vehicles only
- User selectable kph/mph Speed Displays and adjustable Radar Range/Sensitivity
- Speed violation alert: Messages are user defined, showing either a message or the violaters speed
- Maximum display time end-user defined, can be different text message with speed or blank (blanks display above setting)
- Bluetooth communication or rotary switches for changing speed and maximum display limits
- 12 volt DC power
- Lockable access door for easy removal of SD card
- Radar system fully enclosed within display
- PCB's conformal coated for additional moisture protection
- Input Voltage Tolerance: 9.0 - 15.5 volts DC
- Nominal Power 5w

Intuitive user interface

- Compatible across wide variety of Windows platforms (XP, Vista, Windows 7, both 32 bit and 64 bit)
- Multiple available communication interfaces : Serial RS-232 connection
- Bluetooth connection
- 10Mbps ethernet connection
- User authorization required for connecting to the Variable Message Sign (VMS)
- Three user privilege levels available, all password protected
- Ethernet connection is protected with 128-bit AES encryption
- Configures all VMS operating parameters: VMS size – number of LED panels, LED dimming – fixed or automatic, automatic LED dimming table
- Ethernet address
- Bluetooth device name
- Scheduler to configure VMS operation times, multiple on/off cycles; hours, days and weeks
- SD card and flash memory
- Integrated image editor for managing VMS images: Allows in-place image editing
- Both static images and animations can be designed
- Image import / export to external image files, images can be grouped in image libraries for easier manipulation
- Arabic right-to-left text support
- Configures display modes (which images/animations will be displayed) for the following situations:
 1. No vehicle on the road
 2. Vehicle detected, at speed below defined limit
 3. Vehicle detected at speed over defined limit
 4. Vehicle detected, at speed over defined maximum speed
- Integrated file browser for remote access to the files stored on SD card
- Vehicle statistics logs
- Vehicle statistics log viewer and data analyzer



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SpeedAlert Radar Message Sign

By combining radar feedback with variable messages, our SpeedAlert family of Radar Message Signs provide drivers with speed feedback, messages specific to vehicle speeds or dedicated messages. This hybrid of features makes the SpeedAlert an extremely versatile tool for both traffic calming and messaging.

**ALL TRAFFIC
SOLUTIONS**



A sign of the future.™

Product highlights

SPEED DEPENDENT MESSAGING

Slow traffic by using the sign as a large speed display and show custom messages directed toward drivers at specific speeds.

MESSAGING VERSATILITY

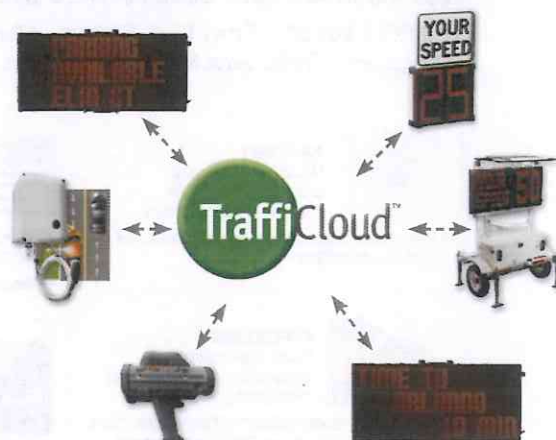
Go beyond basic messages with a full-matrix sign that makes multiple screens of text, chevrons or custom images simple. And, conditional sensor messaging allows different messages to be displayed based on live inputs, including Time-to-Destination, road surface or air temperatures, timer values, vehicle weights, high winds, and available parking spaces.

TIME TO DESTINATION TECHNOLOGY

DriveTimes™ allows traffic conditions using cloud-based communications in the form of live travel times for custom routes, updated constantly on a sign, anywhere, without the need for any fixed sensor infrastructure, which radically reduces the complexity and cost for customers to design and maintain an advanced, dynamic time to destination message system.

CLOUD-BASED EASE AND ACCESSIBILITY

Eliminate traffic data file management, easily sync messages across mobile devices over the internet and instantly share



messages and reports with others. Our enhanced TraffiCloud™ features (see reverse) and always-current user interface will keep you in contact with our signs and all your traffic management equipment. Make your traffic management system more productive and effective.

SIMPLE, UNIVERSAL MOUNTING

Mount this sign almost anywhere in about a minute; post, pole, trailer or vehicle.

DURABLE CONSTRUCTION

The welded aluminum enclosure, concealed mounting hardware, shatterproof Lexan and graffiti-resistant powder-coat make it super tough.



Product specs

SpeedAlert 18

Speed - 2 or 3 digits; 18"H
Text - 1 Line; 4 Characters; 10" H
Text - 2 Line; 6 Characters; 7" H
Dimensions: 20" H x 30" W x 2.96" D
Weight: 25 lbs

SpeedAlert 24

Speed - 2 or 3 digits; 24"H
Text - 1 Line; 4 Characters; 24" H
Text - 2 Line; 8 Characters; 11" H
Text - 3 Line; 12 Characters; 7" H
Dimensions: 28" H x 60" W x 1.6" D
Weight: 43 lbs

Common Hardware Options

Bluetooth, Datalogging, Pictures, Metric

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TraffiCloud™

While our best-in-class hardware will help improve your traffic flows, complimenting this equipment with our TraffiCloud™ helps improve your workflows. Leveraging a consistent interface across all your traffic management equipment, TraffiCloud™ provides a new level of awareness while reducing the amount of time needed to manage your equipment and information. In a world of increasing expectations and decreasing resources, TraffiCloud™ helps you achieve better outcomes in less time.

TraffiCloud™: Traffic Suite. All the features you need for effective and efficient traffic program management. Traffic Suite features can also be purchased individually.

 <p>MAPPING Manage your entire program through an intuitive visual interface.</p> <ul style="list-style-type: none"> • Interactive map provides a window to all system information 	 <p>EQUIPMENT MANAGEMENT Stop wasting time driving to equipment to update and monitor it.</p> <ul style="list-style-type: none"> • Check status and change settings from any Internet-connected computer • Respond immediately to changing situations 	 <p>ENFORCEMENT Automate the collection of lidar captures</p> <ul style="list-style-type: none"> • Ensure data accuracy • Minimize data collection time
 <p>REPORTING Save time collecting, organizing, compiling and distributing information.</p> <ul style="list-style-type: none"> • Automated, daily uploads of new data into a centralized, SAS70-certified environment • Identify trends to allocate resources and be proactive 	 <p>IMAGE MANAGEMENT Achieve greater awareness, including alarms or request generated images.</p> <ul style="list-style-type: none"> • *Capture images based on speeds, tampering, time intervals or upon request • Review, edit and act on useful images • * Images can be used to identify vehicle make and color, but are not alpr quality. 	 <p>PREMIERCARE Get a perpetual warranty, damage insurance and remote diagnostics for duration of subscription</p> <ul style="list-style-type: none"> • 50% discount on accidental damage • Real-time remote diagnostic monitoring
 <p>PARKING Communicate parking availability more efficiently.</p> <ul style="list-style-type: none"> • Send cloud-based parking availability to variable message signs • Direct vehicles to available parking 	 <p>ALERTS Specify when and whom you'd like notified upon occurrence of certain conditions.</p> <ul style="list-style-type: none"> • Receive email or text as events happen • Be aware of low batteries, high speeds, tampering, congestion and more 	 <p>DRIVETIMES Sensor-free Time to Destination Technology</p> <ul style="list-style-type: none"> • Live travel times for custom routes • Radically reduce the complexity and cost to design and maintain an advanced, dynamic message system

Trade In. Trade Up! Receive at least 50% Credit

Upgrade your old, used equipment – regardless of manufacturer or condition – and get access to the latest features and a perpetual warranty on a new, TraffiCloud™ enabled sign so you'll never have to worry again.

Offer applies to display only. Trailer and power supplies are not included.

- Extreme Portability
- Maximum Awareness
- Simpler Operation
- Cloud-Based Convenience

Contact All Traffic Solutions for more details.



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TraffiCloud™ covered under US Patents 8,417,422; 8,755,990 and others pending

