

# MONITOR SYSTEMS

## PRODIGY 33L Speed/Message Trailer

Super visibility and easily deployed, display height of 7 feet from the ground makes it ideal for construction areas, high-accident areas, and areas needing speeds displayed above common obstacles. Monitor Systems speed signs provide a strong measure of traffic management unmatched by others.



### Speed/Message Trailer

DOT Approved for use on high-speed, high-volume roadways or freeways. Trailer features a removable hitch, lockable storage, deep cycle batteries, lift assist, 4 corner jacks and graffiti-resistant powder coat paint.

#### FEATURES

- Display messages with text or graphics
- Under, over and max speed user settings
- Multi-stage on/off scheduler
- Vehicle statistical data
- Customizable text and numerical sizes
- Bluetooth Connection
- SD Card Storage

#### OPTIONS

- Solar Panel
- Extra Batteries
- Other Options Available



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## Prodigy 33L Specifications

### CREATE/DISPLAY MESSAGES

- Can display 4 different speed messages with text or graphics
- Under, over and maximum speed user settings
- Multi-stage on/off scheduler
- Includes programming software
- Vehicle statistical data
- Covert vehicle data capture
- Real-time clock
- On-board program storage
- Integrated WIFI
- 3 lines of text, 6 characters long
- SD card memory for expandable storage
- 4 LED's per pixel
- Polycarbonate, impact-resistant clear window
- LED pulse width modulated for longer battery life
- Keyed on/off

### DISPLAY

- 35"H x 43"L x 3.5"D
- Auto brightness (automatically adjusts for light conditions)
- Multiple Text Sizes from 7.5 to 14 inches
- Aluminium enclosure with graffiti-resistant, powder-coated finish
- Shatter-resistant polycarbonate display window\ for maximum protection
- Super bright, wide angle amber LED's
- Display 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 violators speed
- Maximum display time end-user defined, can be different text message with speed or blank (blanks display above setting)
- WIFI, Ethernet communication or Flash Drive ability to change settings
- 12 volt DC power
- 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 (Windows XP, Vista, 7, 10, both 32 bit and 64 bit)
- Multiple available communication interfaces: Serial RS-232 connection
- WIFI 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
- WIFI 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, image files 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
- Generates configurable PDF report with the vehicle statistics data
- Multiple available communication interfaces : SD card importable setup, Wi-Fi 802.11b/g/n wireless supported, Ethernet
- Web browser-based configuration utility software built into display – “password protected” just connect your computer, smartphone or tablet to WiFi network provided inside Radar Speed Sign, open your web browser and set up unit
- Configuration utility compatible with Windows, Linux, iOS, Android, iPhone



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