

## 42100 ADVANTAGE

Catalog No.: AMS30145101

Portable Changeable Message Sign  
Full Matrix - 42 pixels x 100 pixels

### FEATURES

- Full Matrix
- 1 to 4 Line Messages
- Graphics and Animations
- 160-400 MM Characters
- NTCIP Compliant
- Programmable Sized Fonts

### OPTIONS

- Cellular (CDMA/1XRTT, GSM/GPRS)
- Landline or Ethernet (TCP/IP) Options
- Radar Overspeed Detection
- Queue Detection
- Web Control
- VoiceStar™ Highway Advisory Radio
- AIMSTAR™ Adjustable Solar Assembly
- GPS (Global Positioning Satellite)
- ITS Ready Options: CCTV, HAR
- Optional Conspicuity Border
- Flashing Safety Beacons
- LPR (License Plate Recognition)

### COST EFFECTIVE

- Energy Efficient
- Environmentally Sound

### EASY TO USE

- User-friendly
- Local and/or remote sign control

### LOW MAINTENANCE

- Long Life LEDs
- SOLR Primary Power Supply

### GRAPHICS AND LEGIBILITY

- The 42100T Advantage is capable of displaying a limited library of graphic messages consisting of the MUTCD arrow board functions. The 42100T Advantage has the memory capacity to retain 200+ pre-programmed messages, and 200+ user-generated messages.

The brightness, or intensity, of the LED portion of the display may be controlled manually, or alternatively may be regulated automatically via a photosensitive circuit that adjusts the LED intensity in response to ambient illumination, thus assuring superior visibility and legibility under all lighting conditions.





# General Specifications 42100 ADVANTAGE

The 42100T Advantage is a Full Matrix display has the capability of one to four line alphanumeric messages and/or graphics, with 160 MM to 400 MM character heightd. This trailer mounted sign displays illuminated messages to inform motorists of road conditions or advisories. The 42100T Advantage uses the very latest in innovative solar technology making it highly energy efficient, as it is battery powered with solar recharge and capable of autonomous operation for 20 days or longer.

This all LED, Full Matrix message sign displays illuminated messages to inform motorists and the taveling public of oncoming road conditions or advisories. Additionally, the 42100T can also be used as a platform and power source for many Intelligent Transportaion System (ITS) devices. Combined with our high quality trailer assembly system, this is the lowest cost and most effective portable variable display message sign available today.

## PHYSICAL/MECHANICAL

- Height (raised) 161"/4.08m
- Height (storage) 104.4"/2.65m
- Length (tongue) 176.79"/4.49m
- Border 16"/0.14m
- Width 79.5"/2.0m
- Sign Case Width 144.50"/3.67m
- Sign Case Height 73.06"/1.9m

## ELECTRICAL/DISPLAY

- Matrix Type Full Matrix
- LEDs Per Pixel 2, 4 or 8
- Angularity 30 Degrees
- Speed-Variable Timing .10 sec increments
- Matrix Size 28 Rows x 48 Columns
- LED Color 590nm ITE Amber/Yellow
- LEDs Wide Angle
- Character Size 8" to 16"

## CONTROL/OPERATION

- Pre-Programmed Messages 200+
- User-Defined Messages 200+
- Control Panel Display Color LCD
- User Programmable Fonts

## CHARACTER FONTS

Normal Height	Characters Per Line	Lines Sign Face
7.9"	14	4
9.4"	11	3
12.5"	8	2
15.7"	7	2

