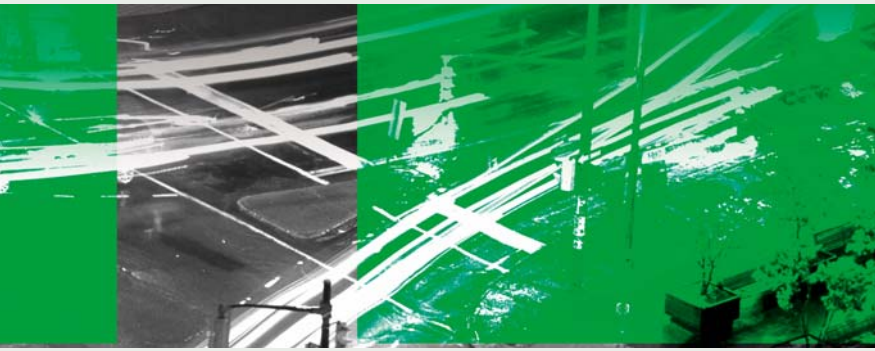


# DYNAMIC MESSAGE CENTER SYSTEM (DMCS)

## LOW PROFILE, PERMANENT CHANGEABLE MESSAGE SIGNS



### FEATURES & BENEFITS

- ▶ Low profile, permanently mounted.
- ▶ Various sizes and formats available.
- ▶ AllnGap full LED or Flip Disk/LED technology.
- ▶ Full matrix or 3-line messages.
- ▶ Hundreds of pre-programmed messages and optional symbols or graphics.
- ▶ Solar or AC/hardwire powered.
- ▶ Radar and overspeed/violator alert options available.
- ▶ Easy to operate and cost effective with low maintenance.
- ▶ NTCIP compliant.

U.S. Traffic Corporation introduces its new Dynamic Message Center System (DMCS), combining the power of its dynamic message signs with a low profile, permanently mounted sign. Utilizing the latest in LED messaging technology, the DMCS provides a distinct safety advantage to motorists, whether warning of adverse road conditions, approaching traffic congestion, or excessive vehicle speeds - all in a timely, meaningful format.

A versatile addition to the Display Products line of message signs and trailers, the DMCS is available in various sizes with numerous options. Whatever your need in dynamic message signing, U.S. Traffic Corporation has the solution for you.



### FEATURES & SPECIFICATIONS

#### Sign Panel:

- ▶ 590 nm (amber) light output LED AllnGaP technology.
- ▶ Full Matrix LED Models: 4 LEDs per pixel.
- ▶ Flip Disk/LED Models: 2 LED per disk, 5x7 pixel Disk/LED matrix with 3M™ reflective material on disks for high visibility.
- ▶ Store over 300 pre-programmed permanent messages, MUTCD messages, and operator-created messages.
- ▶ Multiple message sequencing.
- ▶ Various fonts from 7.5" up to 36" and 60" character height depending on model.
- ▶ Moving arrows, chevrons, and other graphics with auto-centering of messages.
- ▶ Unaffected by RF interference.

Sign panel	Fabricated from aluminum angle & sheeting.
Sign window	1/8" UV stabilized, polycarbonate with matte finish on one side.
Light control	Manual or Automatic. (31 levels of brightness/dimming)
Photoelectric cell	Mounted away from extraneous light.
Legibility	Minimum 1000 ft. (305 m)
Temperature range	-30°F to +165°F (-34°C to +74°C)
Relative humidity range	20% to 100%, non-condensing.



ROADWAY INFORMATION MANAGEMENT

## FEATURES & SPECIFICATIONS

### Controller

- ▶ DMCS message signs use our new UniCPU controller which supports a standard keyboard for ease of maintenance.
- ▶ Embedded, Windows-based, communications software is fully NTCIP compliant.
- ▶ Password protected.
- ▶ Single board processing unit simplifies trouble-shooting and repair.
- ▶ RS232 port in controller cabinet offers laptop communications.
- ▶ LCD controller display provides 4 lines x 40 characters.

NTCIP communications Supported

MUTCD symbols Supported

Arrow display mode Supported

### Solar/AC Power

- ▶ Sign panel can operate using AC electrical power hardwired to the sign or a solar panel array mounted on top of, or in conjunction with, the sign installation utilizing a series of battery banks.

AC power 120V AC

Solar array/  
battery combo Rated as required.

### Options

- ▶ Remote communications: Cellular, CDPD, and/or landline - controls 1 to 127 signs.
- ▶ Radar speed display warning detection.
- ▶ Strobe light for overspeed detection.
- ▶ Speed violator alert for roadworker/pedestrian awareness.
- ▶ Laptop computer.
- ▶ 3/16" Lexan sign window.
- ▶ Interstate, deep-cycle batteries.
- ▶ Full range of battery chargers.
- ▶ Custom paint - colors to meet specs.
- ▶ Anti-graffiti coating.
- ▶ Custom pixel layout.
- ▶ Full UPS backup systems.

### Mounting

Sign panel is capable of being mounted in a variety of configurations depending on specifications. Contact factory for details.

MODEL NO.	DIMENSIONS	FORMAT	MESSAGE CAPABILITY
DMCS-600	60" high x 252" wide	LED	Full Matrix
DMCS-380H	78" high x 113" wide	Discrete Flip Disk/LED	3 line/8 character
DMCS-380D	78" high x 128" wide	Discrete LED	3 line/8 character
DMCS-345S	78" high x 128" wide	LED	3 line/9 character
DMCS-340S	78" high x 111" wide	LED	3 line/8 character
DMCS-390G	78" high x 128" wide	LED	Full Matrix
DMCS-300G	48" high x 96" wide	LED	Full Matrix
DMCS-200G	36" high x 72" wide	LED	Full Matrix



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**U.S. Traffic Corporation**

All Sunray LED Message Signs and Radar Display Trailers can be custom configured with a variety of features and options to meet your specifications. Call a factory representative for more details.

9603 John Street • Santa Fe Springs, CA 90670  
Tel: (562) 923-9600 • Fax: (562) 923-7555  
Toll Free: 1-800-733-7872 • www.ustraff.net

**ISO 9001: 2000 Certified Manufacturer**

Specifications are subject to change without notice to reflect improvements and upgrades.