

# DMC

## Message Sign



### ABOUT OUR MESSAGE SIGN

National Signal introduces its new Dynamic Message Center (DMC), combining the power of its dynamic message signs with a low profile, permanently mounted sign. Utilizing the latest in LED messaging technology, the DMC provides a distinct safety advantage to motorists, whether warning of adverse road conditions, approaching traffic congestion, or excessive vehicle speeds.

#### Features

- ✓ Local control or remotely operated (optional)
- ✓ Various sizes available
- ✓ All LED
- ✓ Full matrix or 3-line options
- ✓ Hundreds of pre-programmed messages, symbols or graphics
- ✓ Solar or AC powered
- ✓ Radar and overspeed/violator alert options available
- ✓ Easy to operate and cost effective with low maintenance



## Sign Panel

- 590 nm (amber) light output LED AlInGaP technology.
- Full Matrix LED Models: 4 LEDs per pixel.
- Store over 300 pre-programmed permanent messages, MUTCD messages, and operator-created messages.
- Multiple message sequencing.
- Various fonts from 7.5" up to 51" character height depending on model.
- Moving arrows, chevrons, and other graphics with auto-centering of messages.
- Unaffected by RF interference.

## Mounting

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

## Controller

- DMC message signs use our UniCPU controller with color touchscreen tablet.
- Embedded, communications software is fully NTCIP compliant.
- Password protected.
- Single board processing unit simplifies trouble-shooting and repair.
- Arrow display mode, MUTCD symbols, and NTCIP comm. 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 battery bank.
- Battery: Deep cycle, AGM.

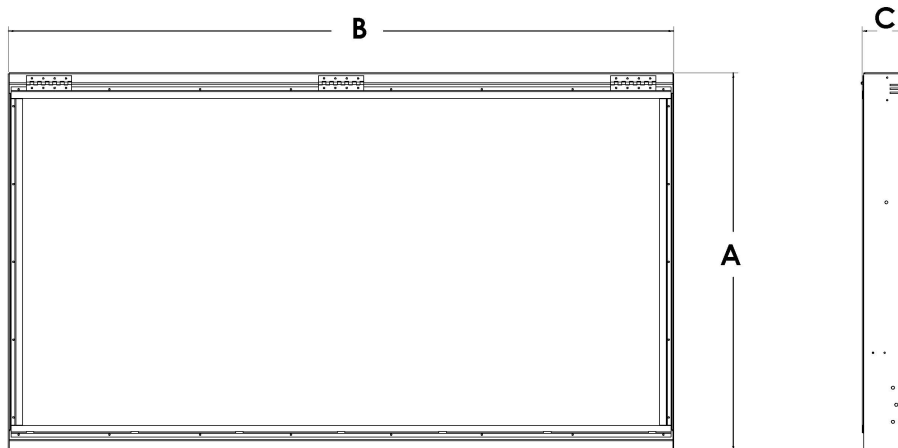
<b>Sign Panel</b>	Fabricated from aluminum angle & sheeting.
<b>Sign Window</b>	1/8" UV stabilized for DMC-5996-LM/FM, clear polycarbonate 3/16" UV stabilized for DMC-78128-LM/FM, clear polycarbonate
<b>Light Control</b>	Manual or Automatic. (31 levels of brightness/dimming)
<b>Photoelectric</b>	Mounted away from extraneous light.
<b>Legibility Min.</b>	1200 ft. (365 m)
<b>Temp. range</b>	-30°F to +165°F (-34°C to +74°C)
<b>Rel. Humidity</b>	20% to 100%, non-condensing.

Model No.	Dimensions			Message capability
	(A)	(B)	(C)	
DMC-5996-LM	59"	96"	5"	3 line/8 character
DMC-5996-FM	59"	96"	5"	3 line, 11 character/graphic
DMC-78128-LM	78"	128"	7.5"	3 line/8 character
DMC-78128-FM	78"	128"	7.5"	3 line, 11 character/graphic

## Options

- Remote communications: Cellular, WiFi.
- Strobe light for overspeed detection.
- Speed violator alert for roadworker/pedestrian awareness.
- Anti-glare option on window

## Dimensions



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