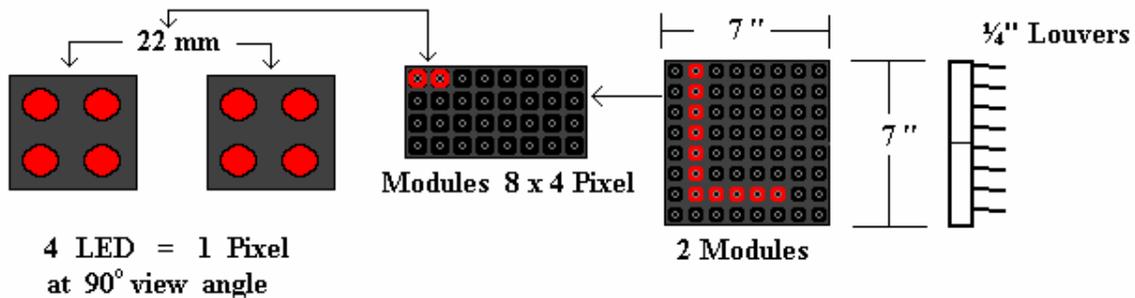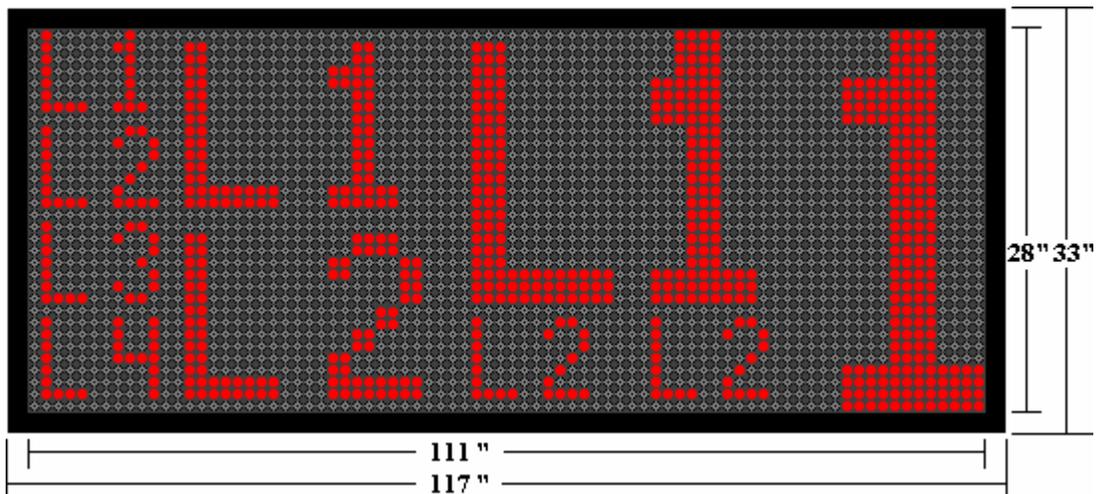# SUNITRON INC. ®

40 Pippin Rd., Bldg. # 4, Concord, On. L4K 4M6 Canada
Tel: (905) 660-6888 Fax: (905) 660-8889 Toll Free: 877-630-8811

Indoor - Outdoor Computerized LED Sign Since 1986   *Visit us at... www.sunitron.com*

MegaSun - 300 / 4

⇨ Standard 22 mm Pitch 6" character.
⇨ Indoor / Outdoor Applications
⇨ High resolution (128x32 pixel)
⇨ LED(s) x Pixel: 4
⇨ Number of Lines: 4
⇨ Characters x Line: 21 (@7x5 Font)
⇨ Cabinet Dimension: 117" x 33" x 6"
⇨ Character Height (Small): 6"

⇨ Full matrix display
⇨ Superbright daylight visibility
⇨ Multistage light sensor (power saver)
⇨ Number of LED's: 16384 LED's
⇨ Power consumption: 885 Watts
⇨ Viewing angle: 90º
⇨ Display Area: 111" x 28"
⇨ Character Height (Large): 28"

28" 33"

111 "
117 "

22 mm

Modules 8 x 4 Pixel

7 "

2 Modules

¼" Louvers

7 "

4 LED = 1 Pixel
at 90° view angle

Technical Specifications MegaSun Series Outdoor Display

Description Module:	176mm x 88mm Approx.(7"x3.5") Double sided Treated PCB outdoor use.
No. LED's x Pixel:	Four Superbright Red or Yellow Diodes (LED's).
Pixel Pitch:	Center to center spacing: 22mm or .87".
Viewing angle:	90 degree's.
Controller:	Static bias driver .
Brightness:	1000 mcd per @ LED.
Power consumption:	0.216 watts per pixel maximum high power efficiency.
Estimated lifetime:	LED manufacturer estimates diode life expectancy at 100,000 hours at 30° C Sunitron Inc. will warranty diodes for our standard warranty policy period 1year.
Construction:	Steel cabinet black plastic coated with 6.35 mm louvers front face.
Cooling System:	Automatic on /off (forced air fan).
Display matrix:	8 x 4 per modules of 4 LED's per pixel Modules are designed to be "snapped" in and out for quick service.
Features:	Time, Date and Temperature.
Communication: **PC to Sign**	Via hardwire (RS232 or RS422) up to 4000 ft. Modems requires telephone line on site Wire-less communication. Operable in TCP/IC for Netware Connectivity
Automatic Dimmer:	Multi-stage light sensor "Power Saver" .
Warranty:	1-year service depot warranty on all parts and labour, including on line direct support toll free # 1-877-630-8811.
Technical Support:	Five year technical support for software upgrading.
Operation Software:	To run under Micro-soft Windows 9x/Xp environment.
Power requirement:	110/120Vac service, internal switch powers supply 7.5 Vdc. With automatic circuit for over voltage protection shot-/off.
Electrical cable:	To be determinate by electrical contractor according to CSA standard.

A Business With A Good Sign - is A Sign of A Good Business ®