



**SUNITRON INC.®**

40 Pippin Rd., Bldg. # 4, Concord, On. L4K 4M6 Canada

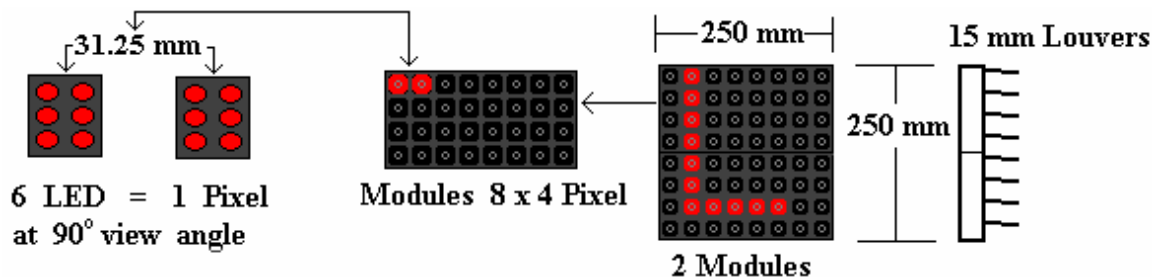
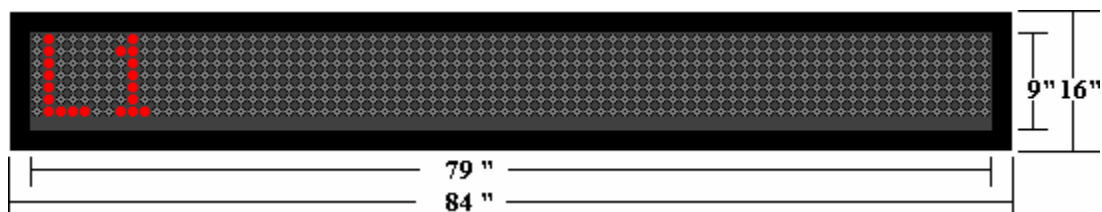
Tel: (905) 660-6888 Fax: (905) 660-8889 Toll Free: 877-630-8811

Indoor - Outdoor Computerized LED Sign Since 1986

Visit us at... [www.sunitron.com](http://www.sunitron.com)

## MegaTron - 200 / 1

- ⇒ Standard 31.25 mm Pitch 9" character.
- ⇒ Indoor / Outdoor Applications
- ⇒ Pixel resolution: 64x7
- ⇒ LED(s) x Pixel: 6
- ⇒ Number of Lines: 1
- ⇒ Characters x Line: 11 (@7x5 Font)
- ⇒ Cabinet Dimension: 84" x 16" x 6"
- ⇒ Character Height (Small): 9"
- ⇒ Full matrix display
- ⇒ Superbright daylight visibility
- ⇒ Multistage light sensor (power saver)
- ⇒ Number of LED's: 2,688 LED's
- ⇒ Max. Power consumption: 145 Watts
- ⇒ Viewing angle: 90°
- ⇒ Display Area: 79" x 9"
- ⇒ Character Height (Large): 9"



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## **Technical Specifications MegaTron Series Outdoor Display**

<b>Description Module:</b>	251mm x 127mm Approx.(9 7/8"x5") Double sided Treated PCB outdoor use.
<b>No. LED's x Pixel:</b>	Six Superbright Red Diodes (LED's) .
<b>Pixel Diameter:</b>	Center to center spacing: (Pitch) 31.25mm - 3/4" O.C.
<b>Viewing angle:</b>	90 degree's.
<b>Controller CPU:</b>	Static bias driver (direct drive) for more efficient power distribution.
<b>Brightness:</b>	1000 mcd per @ LED.
<b>Power consumption:</b>	0.324 watts per pixel maximum high power efficiency.
<b>Estimated lifetime:</b>	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.
<b>Construction:</b>	Steel cabinet black plastic coated with 12.7 mm louvers front face.
<b>Cooling System:</b>	Internal Automatic on /off by force air (fans).
<b>Display matrix:</b>	8 x 4 per modules of 6 LED's per pixel Modules are designed to be "snapped" in and out for quick service.
<b>Features:</b>	Time, Date and Temperature.
<b>Communication:</b>	Via hardwire (RS232 or RS422) up to 4000 ft. Modems requires telephone line on site
<b>PC to Sign</b>	Wire-less communication.
<b>Automatic Dimmer:</b>	Operable in TCP/IC for Netware Connectivity Automatic Light Dimmer (Multi-stage light "Power Saver" sensor) and life to display.
<b>Standard Warranty:</b>	1-year service depot warranty on all parts and labour, including on line direct support toll free # 1-877-630-8811.
<b>Technical Support:</b>	10 year technical support for software upgrading when available .
<b>Operation Software:</b>	To run under Micro-soft Windows 9x/XP environment.
<b>Power requirement:</b>	110/120Vac service, internal switch powers supply .13 Vdc. With automatic circuit for over voltage protection shot-/off.
<b>Electrical cable:</b>	To be determinate by electrical contractor according to CSA standard.

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