



**SUNITRON INC.**<sup>®</sup>

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

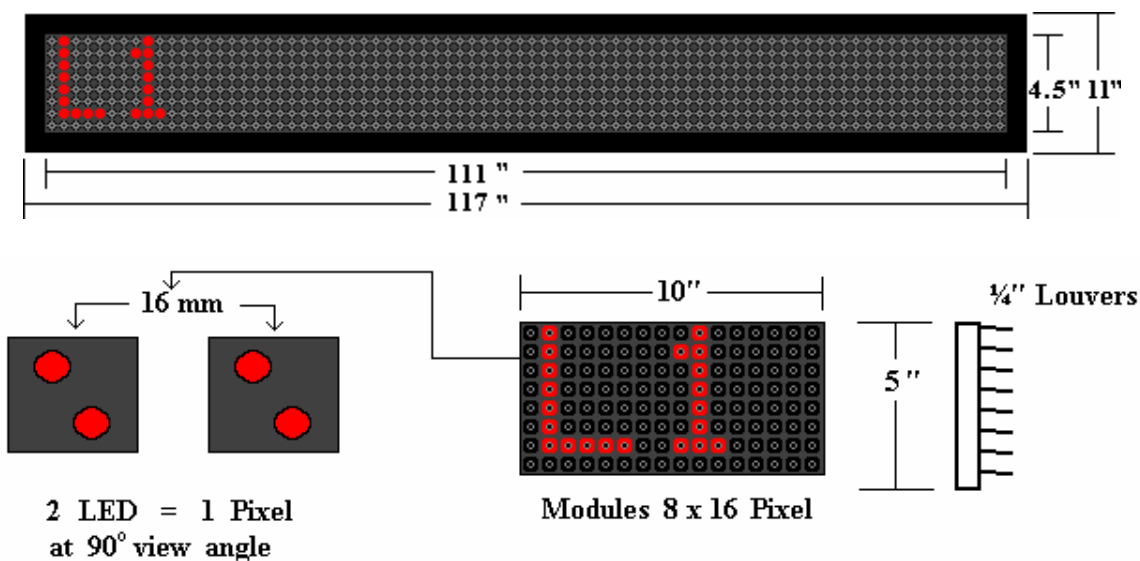
Tel: (905) 660-6888 Fax: (905) 660-8889 Toll Free: 877-630-8811

Indoor - Outdoor Computerized LED Sign Since 1986

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

## MegaStar II -300 / 1

- ⇒ Standard 16 mm Pitch 4.5" character.
- ⇒ Indoor / Outdoor Applications
- ⇒ High resolution (176x7 pixel)
- ⇒ LED(s) x Pixel: 2
- ⇒ Number of Lines: 1
- ⇒ Characters x Line: 29
- ⇒ Cabinet Dimension: 117" x 11" x 6"
- ⇒ Character Height (Small): 4.5"
- ⇒ Full matrix display
- ⇒ Superbright daylight visibility
- ⇒ Multistage light sensor (power saver)
- ⇒ Number of LED's: 2464 LED's
- ⇒ Max. Power consumption: 133 Watts
- ⇒ Viewing angle: 90°
- ⇒ Display Area: 111" x 4.5"
- ⇒ Character Height (Large): 4.5"



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## **Technical Specifications MegaStar Series Outdoor Display**

<b>Description Module:</b>	256mm x 128mm Approx.(10"x5") Double sided Treated PCB outdoor use.
<b>No. LED's x Pixel:</b>	Two Superbright Red or Yellow Diodes (LED's).
<b>Pixel Pitch:</b>	Center to center spacing: 16mm or .63".
<b>Viewing angle:</b>	90 degree's.
<b>Controller:</b>	Static bias driver .
<b>Brightness:</b>	1000 mcd per @ LED.
<b>Power consumption:</b>	0.108 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 6.35 mm louvers front face.
<b>Cooling System:</b>	Automatic on /off (forced air fan).
<b>Display matrix:</b>	8 x 16 per modules of 2 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: PC to Sign</b>	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
<b>Automatic Dimmer:</b>	Multi-stage light sensor "Power Saver" .
<b>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>	Five year technical support for software upgrading.
<b>Operation Software:</b>	To run under Micro-soft Windows 9x/Xp environment.
<b>Power requirement:</b>	110/120Vac service, internal switch powers supply 7.5 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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