



**SUNITRON INC.®**

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

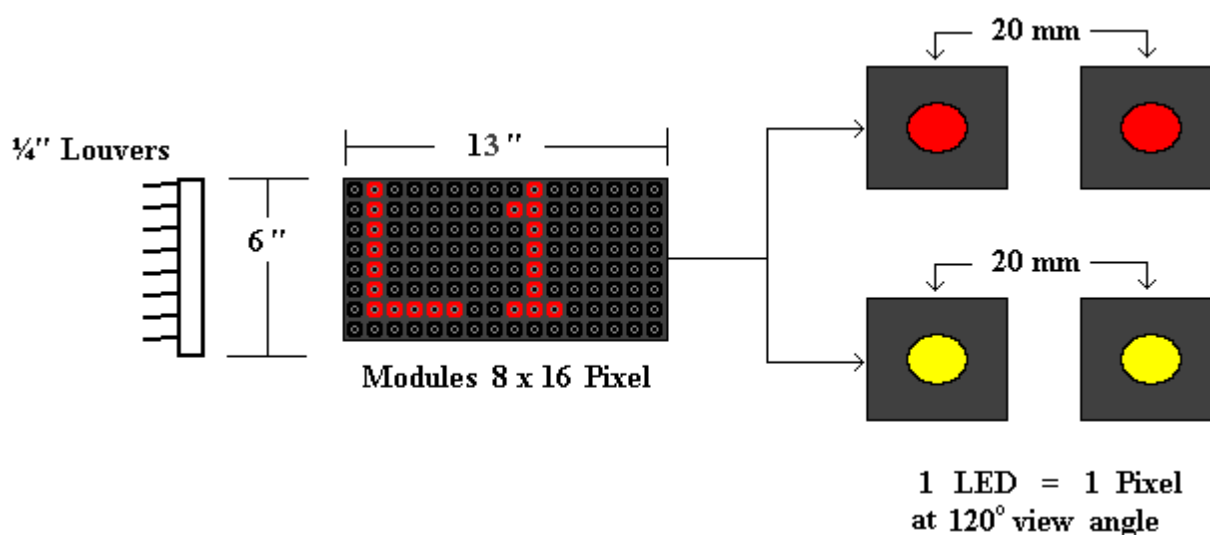
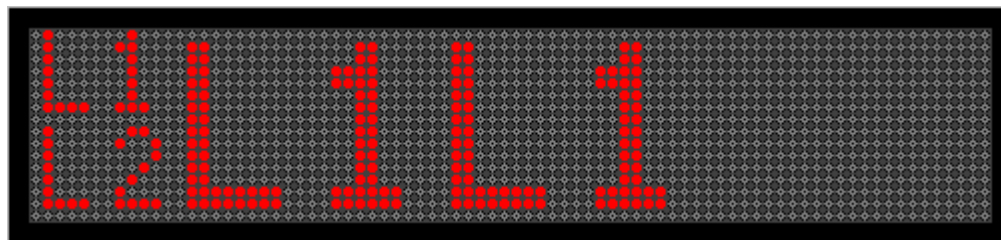
Tel: (905) 660-6888 Fax: (905) 660-8889 Toll Free: 877-630-8811

Indoor - Outdoor Computerized LED Sign Since 1986

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

## MegaStar III - 180 / 2

- ⇒ Standard 20 mm Pitch.
- ⇒ Indoor / Outdoor Applications
- ⇒ High resolution (80x16 pixel)
- ⇒ LED(s) x Pixel: 1
- ⇒ Number of Lines: 2
- ⇒ Characters x Line: 13 (@7x5 Font)
- ⇒ Cabinet Dimension: 69" x 18" x 6"
- ⇒ Character Height (Small): 6"
- ⇒ Full matrix display
- ⇒ Superbright daylight visibility
- ⇒ Multistage light sensor (power saver)
- ⇒ Number of LED's: 1280 LED's
- ⇒ Viewing angle: 120°
- ⇒ Display Area: 63" x 13"
- ⇒ Character Height (Large): 13"
- ⇒ Weight (approx.): 41 Kg



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



**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)*

## Technical Specifications MegaStar Series Outdoor Display

<b>Description Module:</b>	320mm x 160mm Approx.(13"x6") Double sided Treated PCB outdoor use.
<b>No. LED's x Pixel:</b>	One Super-bright Red or Yellow Diodes (LED's).
<b>Pixel Pitch:</b>	Center to center spacing: 20mm or .79".
<b>Viewing angle:</b>	120 degree's.
<b>Controller:</b>	Static bias driver.
<b>Brightness:</b>	6000/6500 nit per sqm.
<b>Automatic Dimmer:</b>	Multi-stage light sensor "Power Saver" .
<b>Power consumption:</b>	0.162 watts per pixel maximum high power efficiency.
<b>Estimated lifetime:</b>	LED manufacturer estimates diode life expectancy at 100,000 hours at 30° C.
<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 3 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>Warranty:</b>	3-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>	Windows base software (Size, Position, Brightness Control).
<b>Power requirement:</b>	110/120Vac service, internal switch powers supply. With automatic circuit for over voltage protection shot-/off.
<b>Electrical cable:</b>	To be determinate by electrical contractor according to CSA standard.
<b>Waterproof Level:</b>	<b>International Protection Rating: IP 65</b> <b>6:</b> Dust tight (No ingress of dust; complete protection against contact) <b>5:</b> Water jets (Water projected by a nozzle against enclosure from any direction shall have no harmful effects)

**A Business With A Good Sign - is A Sign of A Good Business**<sup>®</sup>