



SUNITRON INC.®

Indoor - Outdoor Computerized LED Sign Since 1986

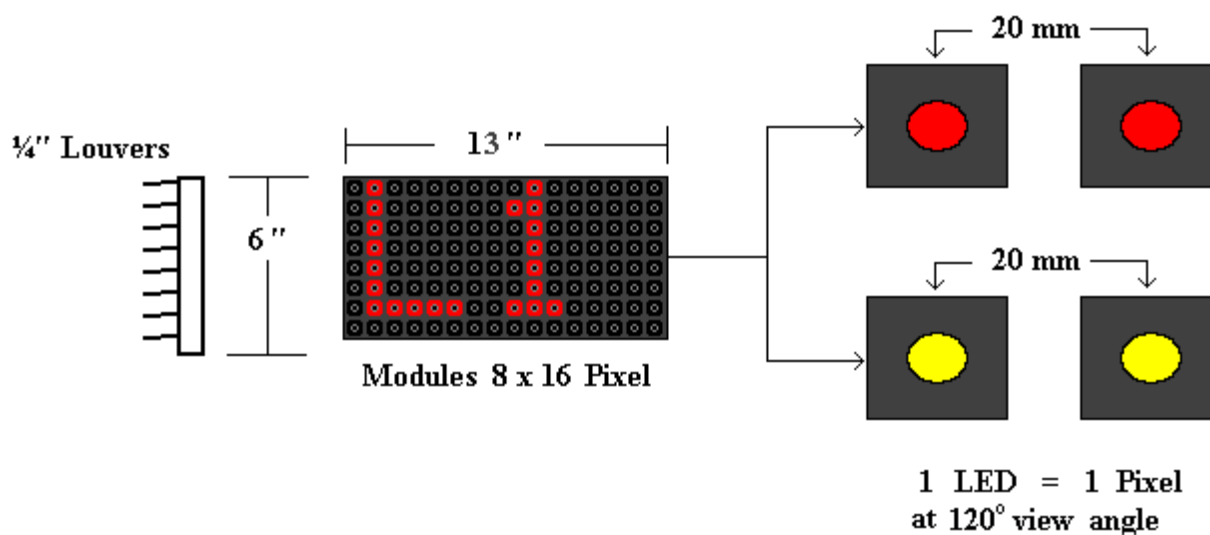
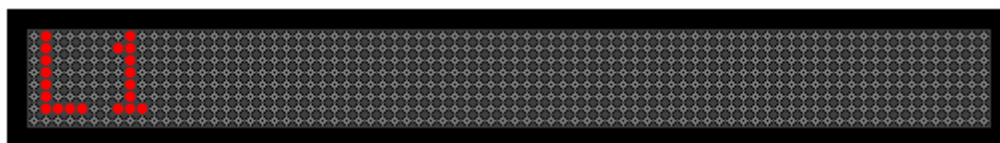
40 Pippin Rd., Bldg. # 4, Concord, On. L4K 4M6 Canada

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

Visit us at... www.sunitron.com

MegaStar III - 300 / 1

- ⇒ Standard 20 mm Pitch.
- ⇒ Indoor / Outdoor Applications
- ⇒ High resolution (144x8 pixel)
- ⇒ LED(s) x Pixel: 1
- ⇒ Number of Lines: 1
- ⇒ Characters x Line: 24 (@7x5 Font)
- ⇒ Cabinet Dimension: 119" x 12" x 6"
- ⇒ Character Height (Small): 6"
- ⇒ Full matrix display
- ⇒ Superbright daylight visibility
- ⇒ Multistage light sensor (power saver)
- ⇒ Number of LED's: 1152 LED's
- ⇒ Viewing angle: 120°
- ⇒ Display Area: 113" x 6"
- ⇒ Character Height (Large): 6"
- ⇒ Weight (approx.): 46 Kg



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Technical Specifications MegaStar Series Outdoor Display

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

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