



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

**SUNITRON INC.®**

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

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 Superbright Red or Yellow Diodes (LED's).
Pixel Pitch:	Center to center spacing: 20mm or .79".
Viewing angle:	90 degree's.
Controller:	Static bias driver .
Brightness:	1000 mcd per @ LED.
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 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 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/IP 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.

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