



**SUNITRON INC.®**

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

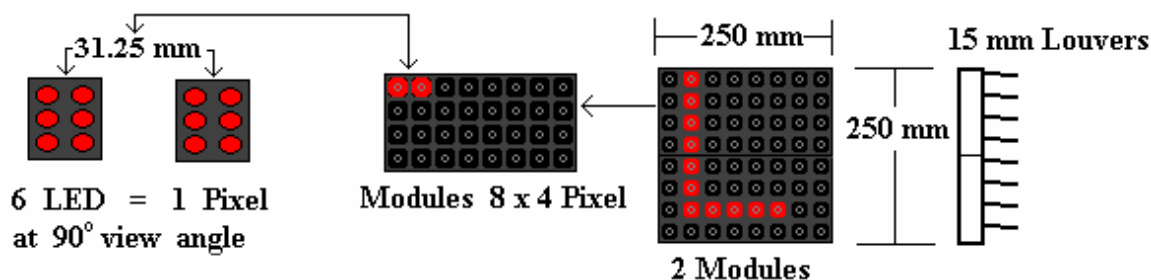
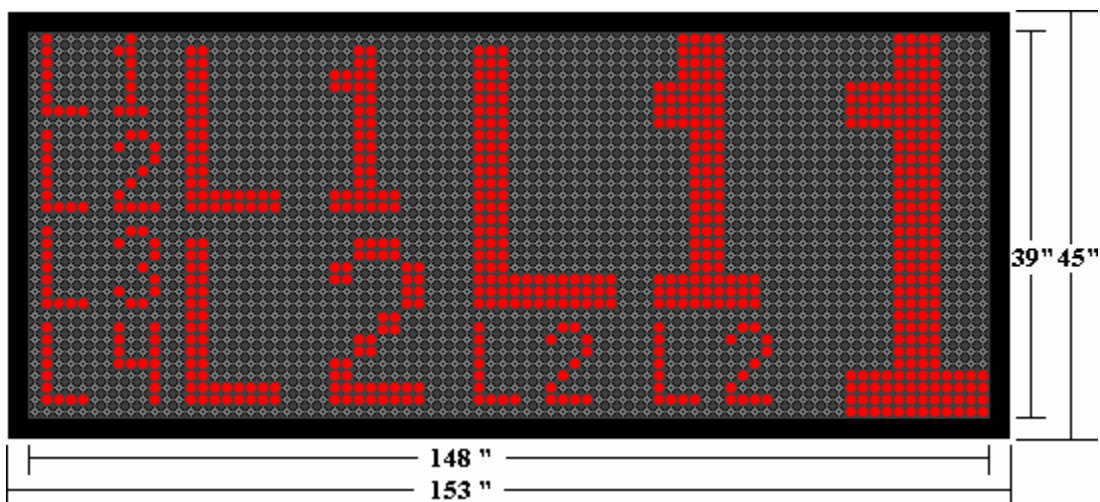
Tel: (905) 660-6888 Fax: (905) 660-8889 Toll Free: 877-630-8811

Indoor - Outdoor Computerized LED Sign Since 1986

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

## MegaTron - 375 / 4

- ⇒ Standard 31.25 mm Pitch 9" character.
- ⇒ Indoor / Outdoor Applications
- ⇒ Pixel resolution: 120x32
- ⇒ LED(s) x Pixel: 6
- ⇒ Number of Lines: 4
- ⇒ Characters x Line: 20 (@7x5 Font)
- ⇒ Cabinet Dimension: 153" x 45" x 6"
- ⇒ Character Height (Small): 9"
- ⇒ Full matrix display
- ⇒ Superbright daylight visibility
- ⇒ Multistage light sensor (power saver)
- ⇒ Number of LED's: 23040 LED's
- ⇒ Max. Power consumption: 1244 Watts
- ⇒ Viewing angle: 90°
- ⇒ Display Area: 148" x 39"
- ⇒ Character Height (Large): 39"



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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<br>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<br>and out for quick service.  |
| <b>Features:</b>           | Time, Date and Temperature.   |
| <b>Communication:</b>      | Via hardwire (RS232 or RS422) up to 4000 ft.<br>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<br>Automatic Light Dimmer (Multi-stage light "Power Saver" sensor) and life to<br>display.                          |
| <b>Standard Warranty:</b>  | 1-year service depot warranty on all parts and labour, including on line direct<br>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.<br>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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