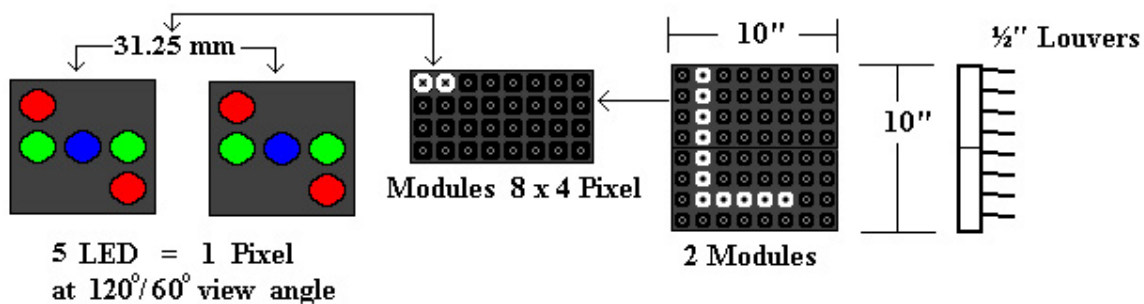# MegaVision-250 / 2

- ⇨ Standard 31.25 mm Pitch 9" character.
- ⇨ Indoor / Outdoor Applications
- ⇨ High resolution (80x16 pixel)
- ⇨ LED's x Pixel: 5 (2R, 2G, 1B)
- ⇨ Number of Lines: 2

- ⇨ Characters x Line: 13 (@7x5 Font)
- ⇨ Cabinet Dimension: 104" x 25" x 6"
- ⇨ Character Height (Small): 9"
- ⇨ Weight (approx.): 85 Kg

- ⇨ Full matrix display
- ⇨ Superbright daylight visibility
- ⇨ Multistage light sensor (power saver)
- ⇨ Number of LED's: 6400 LED's
- ⇨ Max. Power consumption: 240 Watts
  Avg. Power consumption: 144 Watts
- ⇨ Viewing angle: 120° / 60°
- ⇨ Display Area: 98" x 20"
- ⇨ Character Height (Large): 20"

5 LED = 1 Pixel
at 120°/60° view angle

Modules 8 x 4 Pixel

2 Modules

½" Louvers

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Technical Specifications MegaVision Series Outdoor Display

Description Module: 250mm x 120mm Approx.(10"x 5") Double sided Treated PCB outdoor use.

No. LED's x Pixel: Five Superbright Diodes (2 Red, 3 Green & 1 Blue)

Pixel Diameter: Center to center spacing: 31.25 mm.

Viewing angle: 120° / 60°

Controller CPU: Static bias driver (direct drive) for more efficient power distribution.

Brightness (NIT): $\geq$ 5500 cd/m² (minimal).

Power consumption: 0. 1125 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 3-years.

Construction: Waterproof Steel cabinet black plastic coated with 12.7 mm louvers front face.

Cooling System: Internal Automatic on /off by force air (fans).

Display matrix: 8 x 4 per modules of 5 LED's per pixel Modules are designed to be "snapped" in and out for quick service.

Features: Time, Date, Temperature, Text Overlay, Sequencing, Scheduling Preview, Remote Control.

Communication: Via hardwire (RS232 or RS422) up to 4000 ft.
PC to Sign Modems requires telephone line on site
Wireless communication (WI-FI or RF)
TCP/IC for Netware Connectivity

Automatic Dimmer: Automatic 16 level Light Dimmer (Multi-stage light "Power Saver" sensor and life to display). 128 Level Programmable Light sensor via software

Standard Warranty: 3-years service depot warranty on all parts and labour, including on line direct support toll free # 1-877-630-8811.

Technical Support: 10 year technical support for software upgrading when available. Life time Technical Support

Operation Software: Windows base software (Size, Position, Brightness Control)

Power requirement: 110/120Vac service, internal switch powers supply 13 Vdc. With automatic circuit for over voltage protection shot-/off.

Electrical cable: To be determinate by electrical contractor according to CSA standard.

Colour Depth: 12 bit Colour

Colour Displayed 468.7 Billions

Waterproof Level: (International Protection Rating)

Front IP 65	Back IP 54
6: Dust tight (No ingress of dust; complete protection against contact)	**5:** Ingress of dust is not entirely prevented, but it must not enter in sufficient quantity to interfere with the satisfactory operation of the equipment; complete protection against contact
5: Water jets (Water projected by a nozzle against enclosure from any direction shall have no harmful effects)	**4:** Water splashing against the enclosure from any direction shall have no harmful effect.

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