MegaVision-130 / 2
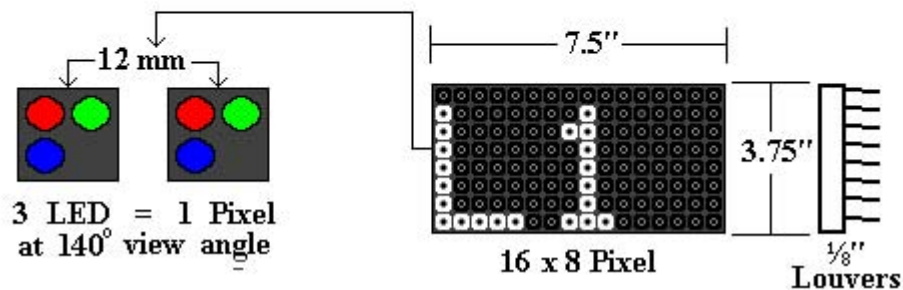
⇨ Standard 12 mm Pitch.
⇨ Indoor / Outdoor Applications
⇨ High resolution (96x16 pixel)
⇨ LED's x Pixel: 3 (1R, 1G, 1B)
⇨ Number of Lines: 2
⇨ Characters x Line: 16 (@7x5 Font)
⇨ Cabinet Dimension: 51" x 13" x 6"
⇨ Character Height (Small): 3.3"

⇨ Full matrix display
⇨ Superbright daylight visibility
⇨ Multistage light sensor (power saver)
⇨ Number of LED's: 4608 LED's
⇨ Viewing angle: 140°
⇨ Display Area: 45" x 8"
⇨ Character Height (Large): 8"
⇨ Weight (approx.): 22 Kg

3 LED = 1 Pixel
at 140° view angle

16 x 8 Pixel

7.5"

3.75"

⅛"
Louvers

12 mm

Technical Specifications MegaVision Series Outdoor Display

Description Module: 192 mm x 96mm Approx.(8"x4") Double sided Treated PCB outdoor use.

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

Pixel Diameter: Center to center spacing: 12mm.

Viewing angle: 140°

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

Brightness (NIT): ≥ 6500 cd/m² (minimal).

Power consumption: 0.0938 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.

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: 16 x 8 per modules of 3 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:
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

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: 5-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 .

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

Power requirement: 110/120Vac service, internal switch powers supply 5 Vdc.
With automatic circuit for over voltage protection shot-/off.

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

Colour Depth: 16 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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