



**SUNITRON INC.®**

Indoor - Outdoor Computerized LED Signs Since 1986

40 Pippin Rd. Bldg. # 4, Concord Ont. Canada. L4K 4M6  
Tel: (905) 660-6888 Fax: (905) 660-8889 Toll Free 1-877-630-8811

## MegaVision-305 / 20

- ⇒ Standard 10 mm Pitch.
- ⇒ Indoor / Outdoor Applications
- ⇒ High resolution (288x160 pixel)
- ⇒ LED's x Pixel: 3 (1R, 1G, 1B)
- ⇒ Number of Lines: 20
- ⇒ Characters x Line: 48 (@7x5 Font)
- ⇒ Cabinet Dimension: 119" x 69" x 6"
- ⇒ Character Height (Small): 2.76"
- ⇒ Full matrix display
- ⇒ Superbright daylight visibility
- ⇒ Multistage light sensor (power saver)
- ⇒ Number of LED's: 138240 LED's
- ⇒ Viewing angle: 140°
- ⇒ Display Area: 113" x 63"
- ⇒ Control via VS-Player (IPC)
- ⇒ Weight (approx.): 264 Kg



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## Technical Specifications MegaVision Series Outdoor Display

<b>Description Module:</b>	160 mm x 160mm Approx.(6.3"x 6.3") Double sided Treated PCB outdoor use.
<b>No. LED's x Pixel:</b>	Three Superbright Diodes (1 Red, 1 Green & 1 Blue)
<b>Pixel Diameter:</b>	Center to center spacing: 10mm.
<b>Viewing angle:</b>	140°
<b>Controller CPU:</b>	Static bias driver (direct drive) for more efficient power distribution.
<b>Brightness (NIT):</b>	≥ 6500 cd/m <sup>2</sup> (minimal).
<b>Power consumption:</b>	0.15 watts per pixel maximum high power efficiency.
<b>Estimated lifetime:</b>	LED manufacturer estimates diode life expectancy at 100,000 hours at 30° C Sunitron Inc. will warranty diodes for our standard warranty policy period.
<b>Construction:</b>	Waterproof 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>	16 x 16 per modules of 3 LED's per pixel Modules are designed to be "snapped" in and out for quick service.
<b>Features:</b>	Time, Date, Temperature, Text Overlay, Sequencing, Scheduling Preview, Remote Control.
<b>Communication: PC to Sign</b>	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
<b>Automatic Dimmer:</b>	Automatic 16 level Light Dimmer (Multi-stage light "Power Saver" sensor and life to display). 128 Level Programmable Light sensor via software
<b>Standard Warranty:</b>	5-years service depot warranty on all parts and labour, including on line direct support toll free # 1-877-630-8811.
<b>Technical Support:</b>	10 year technical support for software upgrading when available .
<b>Operation Software:</b>	Windows base software (Size, Position, Brightness Control)
<b>Power requirement:</b>	110/120Vac service, internal switch powers supply cUL 5 Vdc. With automatic circuit for over voltage protection shot-/off.
<b>Electrical cable:</b>	To be determinate by electrical contractor according to CSA standard.
<b>Colour Depth:</b>	16 bit Colour
<b>Colour Displayed</b>	468.7 Billions
<b>Waterproof Level:</b>	<b>International Protection Rating: IP 65</b> 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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