



## Technical Specifications MegaVision Series Outdoor Display

<b>Description Module:</b>	352mm x 170mm Approx.(14x 7) 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: 22mm or .86".	
<b>Viewing angle:</b>	120° / 60°	
<b>Controller CPU:</b>	Static bias driver (direct drive) for more efficient power distribution.	
<b>Brightness (NIT):</b>	≥ 6000 cd/m <sup>2</sup> (minimal).	
<b>Power consumption:</b>	0. 1172 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 3-years.	
<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 8 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/IC 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>	3-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 13 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>	12 bit Colour	
<b>Colour Displayed</b>	468.7 Billions	
<b>Waterproof Level:</b> (International Protection Rating)	<b>Front IP 65</b>	<b>Back IP 54</b>
	<b>6:</b> Dust tight (No ingress of dust; complete protection against contact)	<b>5:</b> 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
	<b>5:</b> Water jets (Water projected by a nozzle against enclosure from any direction shall have no harmful effects)	<b>4:</b> Water splashing against the enclosure from any direction shall have no harmful effect.