

Technical Specifications MegaVision Series Outdoor Display

Description Module:	256mm x 128mm Approx.(10"x 5") 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: 16mm.	
Viewing angle:	120°	
Controller CPU:	Static bias driver (direct drive) for more efficient power distribution.	
Brightness (NIT):	≥ 6500 cd/m ² (minimal).	
Power consumption:	0.0563 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.