

SPECIFICATIONS		
Outdoor LED Screen For Scoreboard/ Replay/ Advertisement		
Ref.	Particulars	Specification
<b>1.0</b>	<b>MODULE SPECIFICATIONS</b>	
1.2	Size	To be specified by supplier ( _____ )
1.3	Pix Pitch	6 mm
1.4	Configuration	Surface Mounted Diode (SMD)
1.5	Resolution(physical)	32 dots × 16 dots
<b>2.0</b>	<b>CABINET SPECIFICATIONS</b>	
2.2	Size	To be specified by supplier ( _____ )
2.3	Pix Pitch	6 mm
2.4	Configuration	Surface Mounted Diode (SMD)
2.5	Resolution(physical)	96dots × 96 dots If other please specify ( _____ )
<b>3.0</b>	<b>FULL SCREEN SIZE - P10 Full Color LED Display</b>	
3.1	Outdoor Full Color LED modules Size	320mm (Horizontal) × 160mm (Vertical) (32×16dots)
3.2	Cabinet size	To be specified by supplier ( _____ )
3.3	Screen size	11.52m(w) x 7.68m(h) = 88.47sq.meter
3.4	Cabinets units	Please specify ( _____ )
3.5	Total Pixel	1152 x 768 = 884,736dots If other please specify ( _____ )
<b>4.0</b>	<b>GENERAL SPECIFICATION</b>	
4.1	Display Resolution	884,736 pixels If other please specify ( _____ )
4.2	Physical Pixel Pitch	6 mm
4.3	Physical Pixel Density	100000 dots/ m2 If other please specify ( _____ )
4.4	Pixel composition	Surface Mounted Diode (SMD)
4.5	LED	
4.6	Display Dimension	88.47 square meter If other please specify ( _____ )
4.7	Contrast Rate *Ratio	5000:1
4.8	Cabinet Depth	Please specify size ( _____ )
4.9	Brightness	≥7000cd/m2
4.10	Grey level	65536 grades
4.11	Brightness control	Auto, schedule or Manual
4.12	Color Temperature	6500K – 9300K adjustable If other please specify ( _____ )
4.13	Viewing angle	
4.14	Best viewing distance	8m-500m
4.15	Valid viewing distance	<1000m
4.16	Refresh rate	≥3840Hz
4.17	Control method	Controlled by PC
4.18	Display mode	896×672 ~ 1433×1075

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4.19	Video input	S-video ,Composite , DVI , HDMI
4.20	Video system	VGA mapped/NTSC/PAL
4.21	Communication cable	UTP Category 5/ Optical fiber
4.22	Brightness difference between close pixel	≤5%
4.23	Brightness difference between close PCB	≤3%
4.24	Out-of-control pixel	≤1/10000
4.25	Continual operating period	≥24 hours
4.26	Mean Time Between Failure (MTBF)	≥10,000 hours
4.27	Life span	≥100,000 hours
4.28	Level up degree	≤±1mm
4.29	Assembly precision between PCB	≤1mm
4.30	Maximum power consumption	≤600w/m2
4.31	Average power consumption	≤150w/m <sup>2</sup>
4.32	Total weight	4866kg
4.33	Input voltage	AC230V±4%, 50Hz ±3%
4.34	Operating Environment	Temperature:-20°C—+60°C Humidity:10%—90%RH Proposal MUST consider the operating environment in close proximity to the sea. Highly saline/ corosive environment subject to sea blast. Proposal to clearly specify mitigating measures and required maintenance procedures
4.35	IP rate	IP65 Fully waterproof
4.36	Operating system	Windows
4.37	Video display function	Synchronous display kinds of text, graphics, pictures, signs, flashes, and any signal from TV, VCD, DVD, Camera, and scanner and so on, support PAL, NTSC.
4.37	Design specifications	Required in submission
4.39	Warranty Period	10 years minimum from the time of delivery supported by warranty statement all in accordance with conditions of contract
4.40	Additional package requirements	Spare parts package Content management software to manage display from anywhere in the world, Cloud based preferably inclusive of software training and support Technology to enable brightest LED in the industry without over-driving LED Day/ night sensor dimming technology to increase LED life longevity Internal temperature regulator (cooling & heating ) to increase sign longevity Weather resistant Aluminum cabinets modules to increase sign longevity Protruding grill face to protect against vandalism Life time expert technical support