

Scalable, Super Slim, Modular Displays

- Completely transform environments and enhance architecture
- Brilliant color fidelity and resolutions beyond UltraHD
- Uniformed size at 500mm x 500mm



SUPER SLIM, LIGHTWEIGHT AND QUIET

- Each panel weighs only 8.65 kg
- Super slim panel thickness of only 89.6 mm

WIDEST VIEWING ANGLE

- Extra wide viewing angle of 160°, with exceptional picture quality

VERSATILITY

- Compatible with angle and straight screen splicing
- High precision angle assembly mechanism
- Interlocking panel system is adjustable from $\pm 0^\circ$ to $\pm 10^\circ$

PRECISION BUILT MECHANICS

- Panels are manufactured by precision CNC process, ensuring a tolerance of less than 0.1 mm
- Patented inter-locking panel using "SpeedGo" quick locking system
- Adjustable magnetic docking module design

FAST AND CONVENIENT INSTALLATION

- Modules are attached magnetically for rapid installation

- The design includes magnetic module attachment and plug-in structure, along with a power box tool-free disassembly, which allows for easier and faster maintenance
- High precision machining and seamless stitching
- Front and back access for easy servicing





• **SPORTSBOOKS**

DSS MAX-R was created for environments like the 21st century sportsbook. MAX-R maximizes screen space in smaller areas and entertains with customizable, massive screens hundreds of feet across.



**MAKE EVERY EXPERIENCE
LARGER THAN LIFE.**

JCM DSS MAX-R™ is a modular display solution featuring panels that can be joined together and scaled to essentially any space. Whether it's immersing audiences in arenas and sportsbooks, or transforming tight places into wide open spaces through the creation of digital environments, the possibilities are limitless. DSS MAX-R will bring all of the pulse pounding action to life with unsurpassed versatility and visual fidelity.



• **ARCHITECTURALLY DESIGNED SIGNAGE**

DSS MAX-R has a super slim and light panel design, capable of being suspended from the ceiling, wall mounted, and more. Its superior color performance creates a captivating architectural piece for any space.



• **ENVIRONMENTAL SIGNAGE**

With DSS MAX-R even a modest space can be transformed into a vast rainforest, a stunning seascape, or an entrancing digital kaleidoscope. With DSS MAX-R walls become windows to the imagination.



	MAX-R 1.4MM	MAX-R 1.6MM	MAX-R 1.9MM	MAX-R 2.6MM	MAX-R 2.9MM	MAX-R 3.2MM
Physical Pitch (mm)	1.4	1.6	1.9	2.6	2.9	3.2
Pixel Configuration	SMD 1010	SMD 1010	SMD 1010	SMD 1515	SMD 2020	SMD 2020
Pixel Density	451,584 pixels/m ² 112,896 pixels/ panel	360,000 pixels/m ² 90,000 pixels/ panel	262,144 pixels/m ² 65,536 pixels/ panel	147,456 pixels/m ² 36,864 pixels/ panel	112,896 pixels/m ² 28,224 pixels/ panel	97,344 pixels/m ² 24,336 pixels/ panel
LED Module Dimensions (mm)	250 x 250	250 x 250	250 x 250	250 x 250	250 x 250	250 x 250
Panel Dimensions (WxHxD) (mm)	500 X 500 X 89.6*	500 X 500 X 89.6*	500 X 500 X 89.6*	500 X 500 X 86*	500 X 500 X 86*	500 X 500 X 86*
No. of Modules Per Panel (WxH)	2 x 2	2 x 2	2 x 2	2 x 2	2 x 2	2 x 2
Physical Resolution of Module (WxH)	168 x 168	150 x 150	128 x 128	96 x 96	84 x 84	78 x 78
Physical Resolution of Panel (WxH)	336 X 336	300 x 300	256 x 256	192 x 192	168 x 168	156 x 156
Weight (kg/panel)	9.5*	9.45*	9.32*	7.91*	7.63*	7.59*
Weight (kg/m ²)	38*	37.8*	37.28*	31.64*	30.52*	30.36*
Processing (bit)	16	16	16	16	16	16
Colors	281 trillion	281 trillion	281 trillion	281 trillion	281 trillion	281 trillion
Contrast Ratio	4,000 : 1	4,000 : 1	4,000 : 1	4,000 : 1	4,000 : 1	4,000 : 1
Average Power Consumption	55-92 w/panel*	55-92 w/panel	55-92 w/panel*	41-69 w/panel*	41-69 w/panel*	41-69 w/panel*
Max Power Consumption	184 w/panel*	184 w/panel	184 w/panel*	138 w/panel*	138 w/panel*	138 w/panel*
Operating Temperature/Humidity	-10°-40°C/10%-60%	-10°-40°C/10%-60%	-10°-40°C/10%-60%	-10°-40°C/10%-60%	-10°-40°C/10%-60%	-10°-40°C/10%-60%
Storage Temperature/Humidity	-30°-60°C/10%-60%	-30°-60°C/10%-60%	-30°-60°C/10%-60%	-30°-60°C/10%-60%	-30°-60°C/10%-60%	-30°-60°C/10%-60%
Brightness (nits)	600 – 800	600 – 800	600 – 800	1,000 – 1,200	1,000 – 1,200	1,000 – 1,200
Refresh Rate (Hz)	1,920 – 3,840	1,920 – 3,840	1,920 – 3,840	1,920 – 3,840	1,920 – 3,840	1,920 – 3,840
Horizontal Viewing Angle (°)	160	160	160	160	160	160
Vertical Viewing Angle (°)	140	140	140	140	140	140
Expected LED Lifetime (hours, Max.)	100,000	100,000	100,000	100,000	100,000	100,000
Max Stacking	20 panels*	20 panels*	20 panels*	20 panels*	20 panels*	20 panels*
Max Hanging	16 panels*	16 panels*	16 panels*	16 panels*	20 panels*	20 panels*
Curve Support (-: concave; +: convex) (°)	0	0	0	-10° / -5° / 0° / +5°	-10° / -5° / 0° / +5°	-10° / -5° / 0° / +5°
Servicing	Front and Back*	Front and Back*	Front and Back*	Front and Back*	Front and Back*	Front and Back*
IP Rating	IP 30	IP 30	IP 30	IP 30	IP 30	IP 30
Certification	CE, EMC ClassB, ETL, RoHS, FCC*	CE, EMC ClassB, ETL, RoHS, FCC*	CE, EMC ClassB, ETL, RoHS, FCC*	CE, EMC ClassB, ETL, RoHS, FCC*	CE, EMC ClassB, ETL, RoHS, FCC*	CE, EMC ClassB, ETL, RoHS, FCC*

*The specification will be different based on configuration.

More pixel pitch options available.
Please contact your JCM Global
representative for details.



TYPICAL APPLICATIONS

Casino & Sportsbook	Hotel Lobby	Window Display
Retail Shopping	Architecture Design	Bar & Nightclubs
Theater Stage Design	Arena	eSports
Convention & Exhibit Space	Security Monitoring Command Center	

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