

Outdoor Rated Large Format Display

- Rain or shine see every detail in vivid clarity
- Superior resolution and color performance
- Outdoor rating ideal for outdoor events and sports venues



SUPERIOR COLOR PERFORMANCE

- High color fidelity and color uniformity
- Wide horizontal viewing angles combined with optimal refresh rate and high greyscale levels result in a great viewing experience
- Deep black levels, contrast ratio 4000:1
- Elements range delivers vivid and brilliant colors



LOW POWER CONSUMPTION

- Fanless design ensures whisper quiet operation
- Excellent thermal management increases overall efficiency and ensures long term stability with extended LED life
- Energy efficient design leads to lower power consumption and lower lifetime operating cost

OUTDOOR RATED

- IP65 rating front and back
- Brightness level intended for outdoor daylight viewing
- Semi Knock Down delivery option available

ULTRA LIGHT AND EASY TO INSTALL

- SpeedGo interlocking panel system guarantees quick and easy installation
- Panel manufactured using precision machined die-cast aluminum alloy
- Complete panel flatness and mechanical uniformity assured
- Front and back serviceable
- Magnetic docking modules make maintenance quick and easy



■ **CONCERTS AND LIVE PERFORMANCES**
Make every seat a front row seat with DSS ELEMENTS.



■ **SPORTING EVENTS**
Smooth motion and ultra-clear fidelity is absolutely necessary with sports. And this is exactly what DSS ELEMENTS was created for.

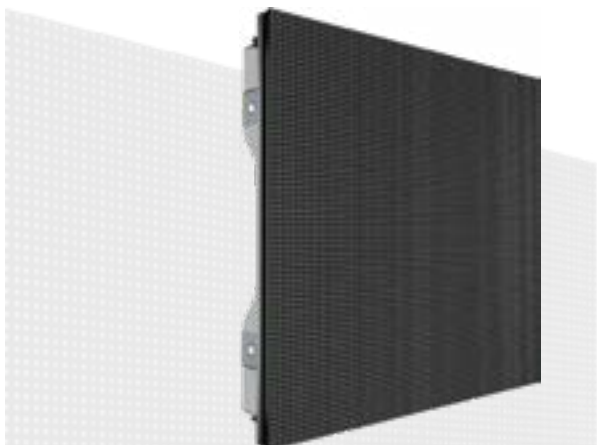


UP CLOSE AND PERSONAL. NO MATTER WHERE YOU'RE SITTING.

JCM DSS ELEMENTS is a high-fidelity outdoor rated display solution. With pixel-to-pixel scalability you can deliver all of the excitement of the moment in UltraHD and beyond. Whether it's under direct sunlight or in rain or snow your images will remain crisp and colorful.



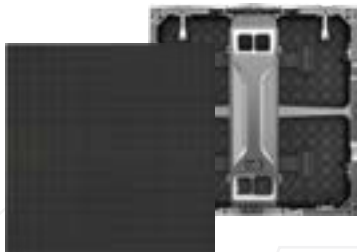
■ **MARQUEE**
Don't just show off your brand. Make it larger than life. With DSS ELEMENTS you can make a lasting impact in even the most highly competitive environments like Times Square or the Las Vegas Strip.



ELEMENTS



	ELEMENTS-S 3.9	ELEMENTS-S 4.6	ELEMENTS-S 5.2	ELEMENTS-S 6.2	ELEMENTS-S 7.8
Physical Pitch	3.9 mm	4.6 mm	5.2 mm	6.2 mm	7.8 mm
Pixel Configuration	SMD	SMD	SMD	SMD	SMD
Pixel Density (per Module)	65,536 pixels/m ²	46,656 pixels/m ²	36,864 pixels/m ²	25,600 pixels/m ²	16,384 pixels/m ²
Pixel Density (per panel)	16,384 pixels/panel	11,664 pixels/panel	9,216 pixels/panel	6,400 pixels/panel	4,096 pixels/panel
Module Dimensions (mm)	250 x 250	250 x 250	250 x 250	250 x 250	250 x 250
Panel Dimensions (W x H x D) (mm)	500 x 500 x 80	500 x 500 x 80	500 x 500 x 80	500 x 500 x 80	500 x 500 x 80
No. of Modules Per Panel (W x H)	2 x 2	2 x 2	2 x 2	2 x 2	2 x 2
Physical Resolution of Module (W x H)	64 x 64	54 x 54	48 x 48	40 x 40	32 x 32
Physical Resolution of Panel (W x H)	128 x 128	108 x 108	96 x 96	80 x 80	64 x 64
Weight Per Panel	10 kg/panel	10 kg/panel	10 kg/panel	10 kg/panel	10 kg/panel
Weight Per Module	40 kg/m ²	40 kg/m ²	40 kg/m ²	40 kg/m ²	40 kg/m ²
Processing	16 bit	16 bit	16 bit	16 bit	16 bit
Colours	281 Trillion	281 Trillion	281 trillion	281 trillion	281 trillion
Contrast Ratio	3,000:01:00	3,000:01:00	2,000:01:00	2,000:01:00	2,000:01:00
Average Power Consumption	54-90 w/panel	54-90 w/panel	45-75 w/panel	45-75 w/panel	45-75 w/panel
Max Power Consumption	180 w/panel	180 w/panel	150 w/panel	150 w/panel	150 w/panel
Driving Method	N/A	N/A	N/A	N/A	N/A
Operating Temperature/Humidity	-20°-50°/10%-90%	-20°-50°/10%-90%	-20°-50°/10%-90%	-20°-50°/10%-90%	-20°-50°/10%-90%
Storage Temperature/Humidity	-30°-60°/10%-90%	-30°-60°/10%-90%	-30°-60°/10%-90%	-30°-60°/10%-90%	-30°-60°/10%-90%
Brightness	5,000 nits	5,000 nits	5,000 nits	5,000 nits	5,000 nits
Refresh Rate	1920 – 3840 Hz	1920 – 3840 Hz	1920 – 3840 Hz	1920 – 3840 Hz	1920 – 3840 Hz
Horizontal Viewing Angle	160°	160°	140°	140°	140°
Vertical Viewing Angle	140°	140°	120°	120°	120°
Expected Lifetime (Max)	100,000 hours	100,000 hours	100,000 hours	100,000 hours	100,000 hours
Max Stacking	20 panels	20 panels	20 panels	20 panels	20 panels
Max Hanging	16 panels	16 panels	16 panels	16 panels	16 panels
Servicing	Front and Back	Front and Back	Front and Back	Front and Back	Front and Back
IP Rating	IP65	IP65	IP65	IP65	IP65
Certification	CE, EMC ClassA, ETL, RoHS	CE, EMC ClassA, ETL, RoHS	CE, EMC ClassA, ETL, RoHS	CE, EMC ClassA, ETL, RoHS	CE, EMC ClassA, ETL, RoHS



TYPICAL APPLICATIONS

Outdoor Marquee	Stadium	Pool & Dayclub
Amphitheater	DJ Touring	Airport

	ELEMENTS 5.2	ELEMENTS 6.2	ELEMENTS 7.8
Physical Pitch	5.2 mm	6.2 mm	7.8 mm
Pixel Configuration	SMD	SMD	SMD
Pixel Density (per Module)	36,864 pixels/m ²	25,600 pixels/m ²	16,384pixels/m ²
Pixel Density (per panel)	9,216 pixels/panel	6,400 pixels/panel	4,096 pixels/panel
Module Dimensions (mm)	250 x 250	250 x 250	250 x 250
Panel Dimensions (W x H x D) (mm)	500 x 500 x 110	500 x 500 x 110	500 x 500 x 110
No. of Modules Per Panel (W x H)	2 x 2	2 x 2	2 x 2
Physical Resolution of Module (W x H)	48 x 48	40 x 40	32 x 32
Physical Resolution of Panel (W x H)	96 x 96	80 x 80	64 x 64
Weight Per Panel	40 kg/m ²	42.4 kg/m ²	42.4 kg/m ²
Weight Per Module	10 kg/panel	10.6 kg/panel	10.6 kg/panel
Processing	16 bit	16 bit	16 bit
Colours	281 trillion	281 Trillion	281 trillion
Contrast Ratio	2,000:01:00	2000:01:00	2000:01:00
Average Power Consumption	50-83 w/panel	50-83 w/panel	53-88 w/panel
Max Power Consumption	165 w/panel	165 w/panel	175 w/panel
Driving Method	1/8 Scan	1/8 Scan	1/4 Scan
Operating Temperature/Humidity	-20° - 50° / 10% - 90%	-20° - 50° / 10% - 90%	-20° - 50° / 10% - 90%
Storage Temperature/Humidity	-30° - 60° / 10% - 90%	-30° - 60° / 10% - 90%	-30° - 60° / 10% - 90%
Brightness	5,000 nits	5,000 nits	5,500 nits
Refresh Rate	1920 – 3840 Hz	1920 – 3840 Hz	1920 – 3840 Hz
Horizontal Viewing Angle	140°	140°	140°
Vertical Viewing Angle	120°	120°	120°
Expected Lifetime (Max)	100,000 hours	100,000 hours	100,000 hours
Max Stacking	20 panels	20 panels	20 panels
Max Hanging	16 panels	16 panels	16 panels
Servicing	Front and Back	Front and Back	Front and Back
IP Rating	IP65	IP65	IP65
Certification	CE, EMC ClassA, ETL, RoHS	CE, EMC ClassA, ETL, RoHS	CE, EMC ClassA, ETL, RoHS



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