

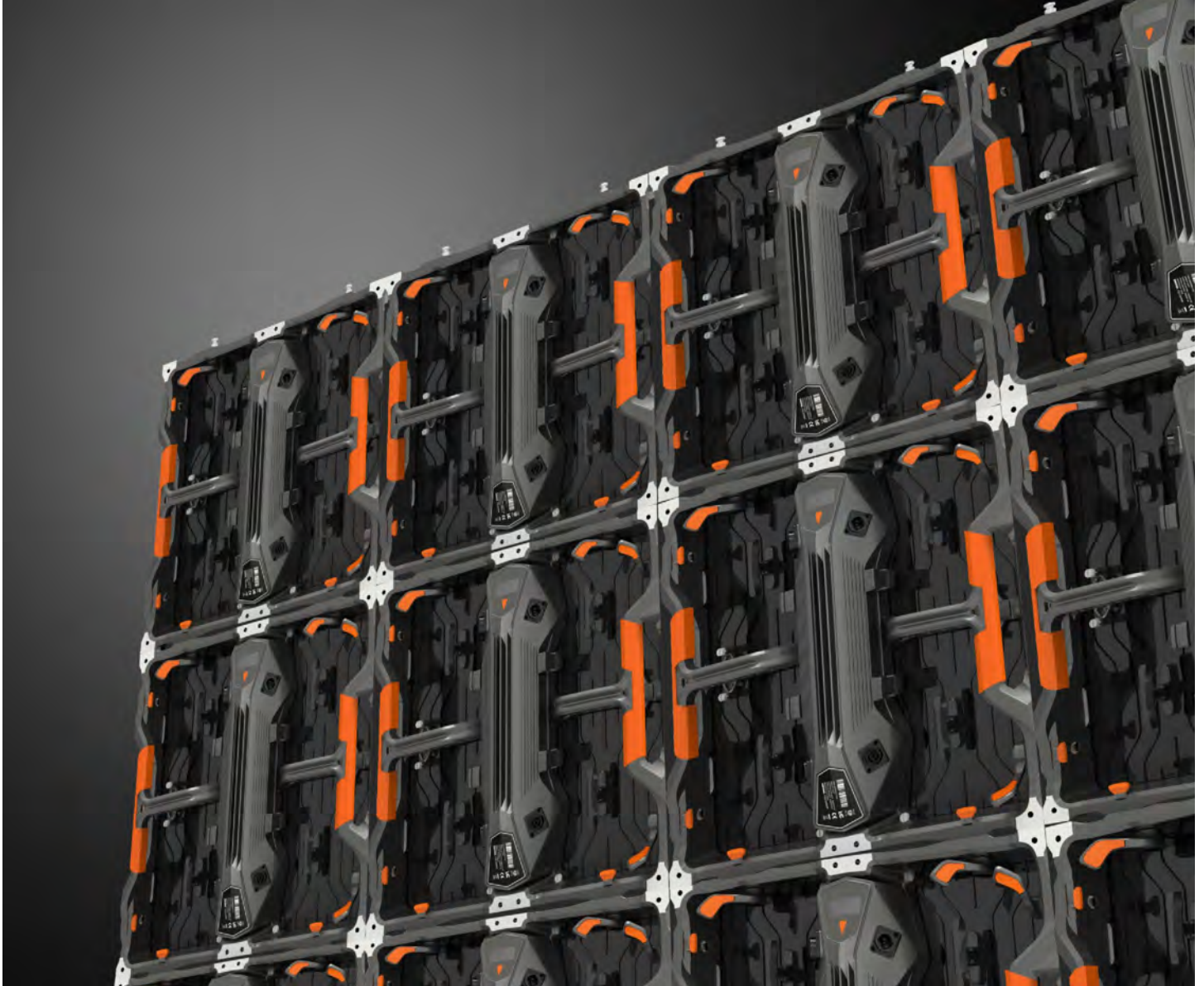
ALDRIDGE

INFORMATION MATRIX SYSTEM



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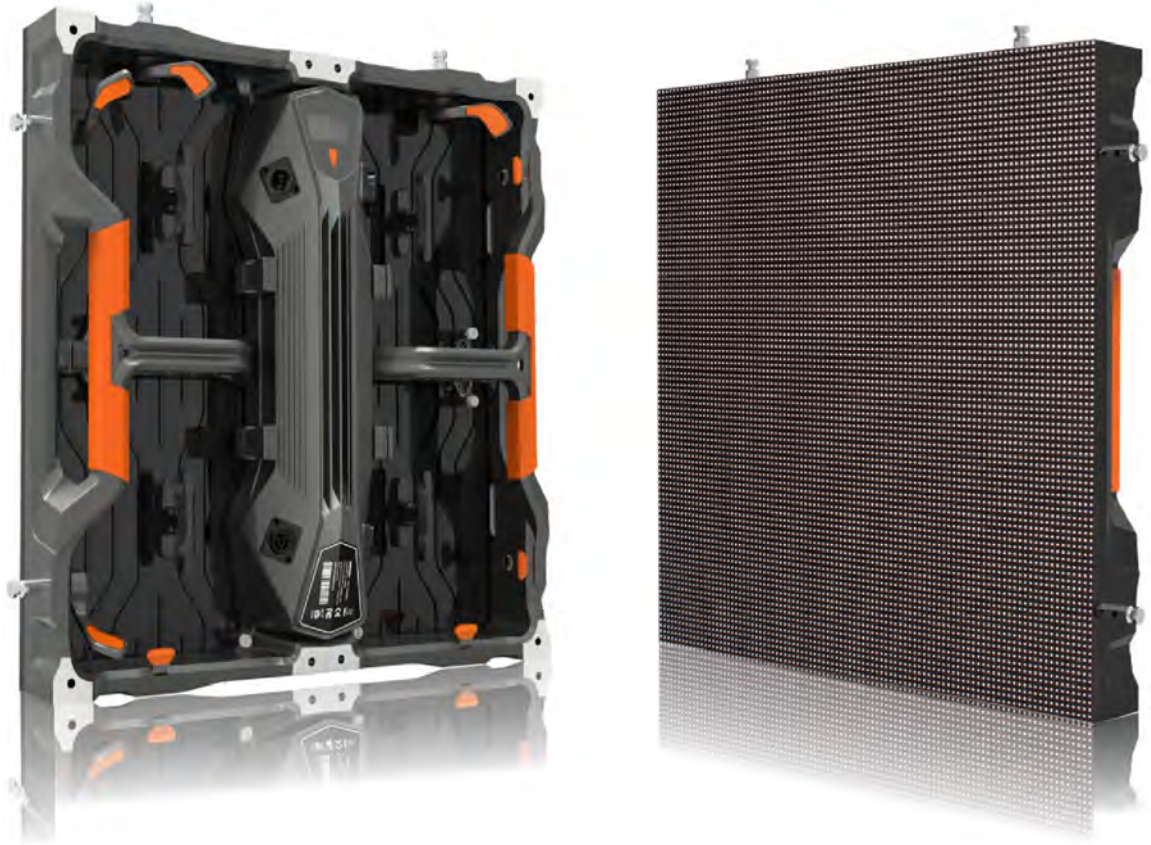
“A new era in LED technology.”

With over 20 years experience in LED technology, Aldridge delivers a versatile state of the art modular digital matrix display, utilizing the latest in LED technology, optics and software.

Capable of optimizing performance in brightness, contrast and chromaticity the X – series delivers flexibility across the stringent of industries and regulations

ALDRIDGE

INFORMATION MATRIX SYSTEM



- Modular System
- User friendly in design for ease of installation
- Cast Aluminum housing
- Built in driver unit
- Suitable for indoor or outdoor use
- Rugged Construction
- Replaceable LED panels
- Road Infrastructure
- Regulatory signs
- Outdoor Advertising



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INFORMATION MATRIX SYSTEM

Specification

Parameter	Unit	X2i	X3i	X3	X4	X5
Application environment		Indoor			Outdoor	
Pixel pitch	mm	2.604	3.906	3.906	4.464	5.208
Brightness	nits	1500	1500	5000	5000	5000
Pixel configuration	R/G/B	SMD 3 in 1				
Colour temperature	deg.K	6500				
Contrast Ratio		1000:1				
Viewing angle-Horizontal(50%brightness)	deg.	140 (+70/-70)			120 (+60/-60)	
Viewing angle-Vertical(50%brightness)	deg.	120 (+60/-60)			75 (+15/-60)	
Recommended minimum viewing distance	m	2.6	3.9	3.9	4.4	5.2
Panel width	mm	500				
Panel height	mm	500				
Panel depth	mm	100				
Panel area	m ²	0.25				
Panel weight	Kg/m ²	9	9	9.5	9.5	9.5
Ingress protection (front/rear)	IP	30	30	65/65	65/65	65/65
Pixels per panel		36,864	16,384	16,384	12,544	9,216
Pixels per sq.meter		147,456	65,536	65,536	50,176	36,864
Pixel matrix per panel		192X192	128X128	128X128	112X112	96X96
Colours		281 Trillion				
Brightness control	levels	256				
Digital processing	bit	16				
Frame rate	Hertz	50/60				
Display refresh rate	Hertz	3000				
Data interconnection		Gigabit Ethernet Transceiver				
Input voltage(nomina)	VAC	110V~220V				
Input power frequency	Hertz	50HZ~60HZ				
Input power(max)	W/m ²	750	720	650	670	680
Input power(rated)	W/m ²	270	252	230	235	238
Operating temperature range)	Deg.C	-10~+40			-20~+50	
Lifetime(50%brightness)	Hours	≥100,000				
Install mode		Fast lock				

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