

## CREATELED®

# AirULTRA-R

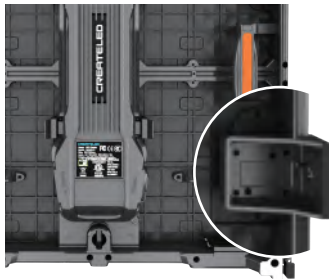
## Advanced High Definition Outdoor LED Display

Super Slim and Super Light Panel Design  
Superior Colour Performance  
Super Efficient Heat Dissipation Design



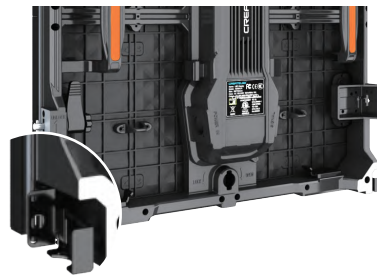
### Versatility

- › AirULTRA-R panel provides high precision angle assembly mechanism, being compatible with angle and straight screen splicing.



### Panel Protection Angle

- › The design of anti-bump and corner protection will effectively prevent module from bumping damage.



### High Definition Outdoor

- › Available from a small pixel pitch of just 2.6 mm, the AirULTRA-R can deliver amazing high definition outdoor solutions.

### Outdoor Rated

- › IP65 rating front and back.
- › Suitable brightness levels for outdoor daylight viewing.



## HD

## AirULTRA-R / Specifications

	AirULTRA-R 2.6	AirULTRA-R 2	AirULTRA-R 3	AirULTRA-R 4	AirULTRA-R 5
Physical Pitch	2.6 mm	2.9 mm	3.9 mm	4.6 mm	5.2 mm
Pixel Configuration	SMD	SMD	SMD	SMD	SMD
Pixel Density	147,456 pixels/m <sup>2</sup> 36,864 pixels/panel	118,336 pixels/m <sup>2</sup> 28,224 pixels/panel	65,536 pixels/m <sup>2</sup> 16,384 pixels/panel	47,089 pixels/m <sup>2</sup> 11,664 pixels/panel	36,864 pixels/m <sup>2</sup> 9,216 pixels/panel
LED Module Dimensions (mm)	250 × 250	250 × 250	250 × 250	250 × 250	250 × 250
Panel Dimensions (W × H × D) (mm)	500 × 500 × 86 *	500 × 500 × 86 *	500 × 500 × 86 *	500 × 500 × 86 *	500 × 500 × 86 *
No. of Modules Per Panel (W × H)	2 × 2	2 × 2	2 × 2	2 × 2	2 × 2
Physical Resolution of Module (W × H)	96 × 96	84 × 84	64 × 64	54 × 54	48 × 48
Physical Resolution of Panel (W × H)	192 × 192	168 × 168	128 × 128	108 × 108	96 × 96
Weight Per Panel	8.2 kg/panel *	8.2 kg/panel *	7.9 kg/panel *	7.9 kg/panel *	7.9 kg/panel *
Weight Per m <sup>2</sup>	32.8 kg/m <sup>2</sup> *	32.8 kg/m <sup>2</sup> *	31.6 kg/m <sup>2</sup> *	31.6 kg/m <sup>2</sup> *	31.6 kg/m <sup>2</sup> *
Processing	14 - 16 bit	14 - 16 bit	14 - 16 bit	14 - 16 bit	14 - 16 bit
Colours	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
Average Power Consumption	55 - 92 w/panel *	55 - 92 w/panel *	55 - 92 w/panel *	55 - 92 w/panel *	55 - 92 w/panel *
Max Power Consumption	184 w/panel *	184 w/panel *	184 w/panel *	184 w/panel *	184 w/panel *
Operating Temp/Humidity	-20 - 50 °C / 10% - 90%	-20 - 50 °C / 10% - 90%	-20 - 50 °C / 10% - 90%	-20 - 50 °C / 10% - 90%	-20 - 50 °C / 10% - 90%
Storage Temp/Humidity	-30 - 60 °C / 10% - 90%	-30 - 60 °C / 10% - 90%	-30 - 60 °C / 10% - 90%	-30 - 60 °C / 10% - 90%	-30 - 60 °C / 10% - 90%
Brightness	4,000 nits	4,000 nits	5,000 nits	5,000 nits	5,000 nits
Refresh Rate	3,840 Hz	3,840 Hz	3,840 Hz	3,840 Hz	3,840 Hz
Horizontal Viewing Angle	140°	140°	140°	140°	140°
Vertical Viewing Angle	120°	120°	120°	120°	120°
Expected LED Lifetime (Max)	100,000 Hrs	100,000 Hrs	100,000 Hrs	100,000 Hrs	100,000 Hrs
Max Stacking	20 panels *	20 panels *	20 panels *	20 panels *	20 panels *
Max Hanging	16 panels *	16 panels *	16 panels *	16 panels *	16 panels *
Curve Support( -: concave; +: convex)	-10°/-5°/0°	-10°/-5°/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 *
IP Rating	IP 65	IP 65	IP 65	IP 65	IP 65
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 *

\* The products listed above are currently under development

\*The specification will be different based on different configuration.

**Remark: Just for reference. If any request, welcome to contact us. The final interpretation belongs to ShenZhen CreateLED Electronics Co., Ltd.**

## Typical Applications

- Stadium
- Shopping mall
- Opera house
- Theme resort
- Reception hall
- Fashion store / show
- Theatre stage design
- Wedding
- Window display
- Airport
- Car show
- DJ touring