

# AirULTRA-R

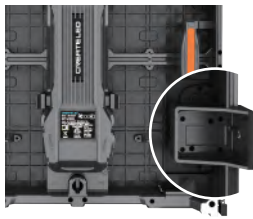
## Advanced High Definition Outdoor LED Display

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



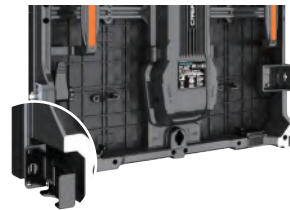
### Versatile Visual Enjoyment

- › Aluminum diecasting material giving low tolerance of panel for install.
- › Optional adjustable angle lock enables flat and curve of the screen for rental usage, while guaranteeing highest level of alignment image performance in all circumstances.



### Edge Protection Solution

- › The AirULTRA-R was designed with auto edge protection on each panel corner, it provides a safety of panel and reducing pixel damage, which is ideal for rental stages applications.



### Accurate and Easy to Assemble

- › 500mmx50mm standard size with light weight allow user to handle easily.
- › Fast lock adding quicker and easier panel set up.
- › Modular design of panel components guaranteeing quick and convenient servicing.

### Unlimited Vision and Possibilities

- › Available from fine pixel pitch of 2.6 mm, providing more options for outdoor various demand.



## AirULTRA-R / Specifications

	AirULTRA-R 1.9	AirULTRA-R 2.6	AirULTRA-R 2
Physical Pitch	1.9 mm	2.6 mm	2.9 mm
Pixel Configuration	SMD	SMD	SMD
Pixel Density	262,144 pixels/m <sup>2</sup> 65,536 pixels/panel	147,456 pixels/m <sup>2</sup> 36,864 pixels/panel	112,896 pixels/m <sup>2</sup> 28,224 pixels/panel
LED Module Dimensions (mm)	250 × 250	250 × 250	250 × 250
Panel Dimensions (W × H × D) (mm)	500 × 500 × 89.6	500 × 500 × 86	500 × 500 × 86
No. of Modules Per Panel (W × H)	2 × 2	2 × 2	2 × 2
Physical Resolution of Module (W × H)	128 × 128	96 × 96	84 × 84
Physical Resolution of Panel (W × H)	256 × 256	192 × 192	168 × 168
Weight Per Panel	9.2 kg/panel	8.2 kg/panel	8.2 kg/panel
Weight Per m <sup>2</sup>	36.8 kg/m <sup>2</sup>	32.8 kg/m <sup>2</sup>	32.8 kg/m <sup>2</sup>
Processing	14 - 16 bit	14 - 16 bit	14 - 16 bit
Colours	281 trillion	281 trillion	281 trillion
Contrast Ratio	8,000 : 1	4,000 : 1	4,000 : 1
Average Power Consumption	55 - 92 w/panel *	55 - 92 w/panel	55 - 92 w/panel
Max Power Consumption	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%
Storage Temp/Humidity	-30 - 60 °C / 10% - 90%	-30 - 60 °C / 10% - 90%	-30 - 60 °C / 10% - 90%
Brightness	4,000 nits	4,000 nits	4,000 nits
Refresh Rate	3,840 Hz	3,840 Hz	3,840 Hz
Horizontal Viewing Angle	140°	140°	140°
Vertical Viewing Angle	120°	120°	120°
Expected LED Lifetime (Max)	100,000 Hrs	100,000 Hrs	100,000 Hrs
Max Stacking	20 panels	20 panels	20 panels
Max Hanging	16 panels	16 panels	16 panels
Curve Support( -: concave; +: convex)	-10°/-5°/0°	-10°/-5°/0°	-10°/-5°/0°
Servicing	Front and Back	Front and Back	Front and Back
IP Rating	IP 65	IP 65	IP 65
Certification	CE, EMC ClassA, ETL, RoHS *	CE, EMC ClassA, ETL, RoHS *	CE, EMC ClassA, ETL, RoHS *

\*Notes: The Specifications are for reference; actual values may vary.  
Shenzhen CreateLED Electronics Co.,Ltd reserves the right to modify product design, specifications,  
and parameters without further notice.

## Application Fields

- Car show
- Concert
- Station
- Events
- House of Worship
- Showroom
- Corporate
- DOOH
- School
- Shopping mall
- Stadium

## AirULTRA-R / Specifications

	AirULTRA-R 3	AirULTRA-R 4	AirULTRA-R 5
Physical Pitch	3.9 mm	4.6 mm	5.2 mm
Pixel Configuration	SMD	SMD	SMD
Pixel Density	65,536 pixels/m <sup>2</sup> 16,384 pixels/panel	46,656 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
Panel Dimensions (W × H × D) (mm)	500 × 500 × 86	500 × 500 × 86	500 × 500 × 86 *
No. of Modules Per Panel (W × H)	2 × 2	2 × 2	2 × 2
Physical Resolution of Module (W × H)	64 × 64	54 × 54	48 × 48
Physical Resolution of Panel (W × H)	128 × 128	108 × 108	96 × 96
Weight Per Panel	7.9 kg/panel	7.9 kg/panel	7.9 kg/panel
Weight Per 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
Colours	281 trillion	281 trillion	281 trillion
Contrast Ratio	4,000 : 1	4,000 : 1	4,000 : 1
Average Power Consumption	55 - 92 w/panel	55 - 92 w/panel	55 - 92 w/panel
Max Power Consumption	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%
Storage Temp/Humidity	-30 - 60 °C / 10% - 90%	-30 - 60 °C / 10% - 90%	-30 - 60 °C / 10% - 90%
Brightness	5,000 nits	5,000 nits	5,000 nits
Refresh Rate	3,840 Hz	3,840 Hz	3,840 Hz
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Curve Support( -: concave; +: convex)	-10°/-5°/0°/+5°	-10°/-5°/0°/+5°	-10°/-5°/0°/+5°
Servicing	Front and Back	Front and Back	Front and Back
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