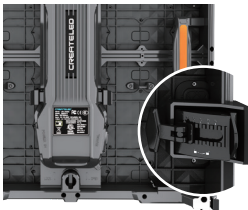**CREATELED**®

# AirMAG-R

## Versatile Visual Enjoyment Big Screen

Advanced High Definition Indoor LED Display
Super Slim and Super Light Panel Design
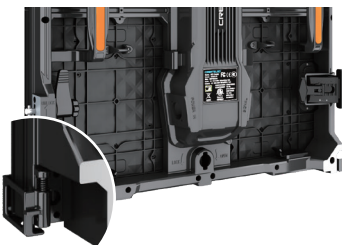Superior Colour PerformanceSuper
Efficient Heat Dissipation Design

| LIGHT WEIGHT | LOW ENERGY | SKD | NO NOISE | HD HIGHT DEFINITION | EASY INSTALL | RUGGED |



## Versatile Visual Enjoyment

› Aluminum diecasting material giving critically tolerance of panel for install.

› Optional adjustable angle lock enable flat and curve of the screen, while guaranteeing flawless image performance in all circumstances.



## Edge Protection Solution

› The AirMAG-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.



## Super Slim Structure

› The AirMAG-R panels is slim design with only depth of 89.6 mm for limited space installation environment.

## Accurate and Easy to Assemble

› 500mmx500mm 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.





Interlocking panel system is adjustable from ±0° to ±10°

## AirMAG-R / Specifications

| | AirMAG-R 1.4 | AirMAG-R1.6 | AirMAG-R 1.9 | AirMAG-R 2.2 |
|---|---|---|---|---|
| Physical Pitch | 1.4 mm | 1.6 mm | 1.9 mm | 2.2 mm |
| Pixel Configuration | SMD 1010 | SMD 1010 | SMD 1010 | SMD 1515 |
| Pixel Density | 451,584 pixels/m$^2$<br>112,896 pixels/panel | 360,000 pixels/m$^2$<br>90,000 pixels/panel | 262,144 pixels/m$^2$<br>65,536 pixels/panel | 200,704 pixels/m$^2$<br>50,176 pixels/panel |
| LED Module Dimensions (mm) | 250 × 250 | 250 × 250 | 250 × 250 | 250 × 250 |
| Panel Dimensions (W × H × D) (mm) | 500 × 500 × 89.6 | 500 × 500 × 89.6 | 500 × 500 × 89.6 | 500 × 500 × 89.6 |
| No. of Modules Per Panel (W × H) | 2 × 2 | 2 × 2 | 2 × 2 | 2 × 2 |
| Physical Resolution of Module (W × H) | 168 × 168 | 150 × 150 | 128 × 128 | 112 × 112 |
| Physical Resolution of Panel (W × H) | 336 × 336 | 300 × 300 | 256 × 256 | 224 × 224 |
| Weight Per Panel | 9.5 kg/panel * | 9.45 kg/panel | 9.32 kg/panel * | 8.53 kg/panel * |
| Weight Per m$^2$ | 38 kg/m$^2$ * | 37.8 kg/m$^2$ | 37.28 kg/m$^2$ * | 34.12 kg/m$^2$ * |
| Processing | 14 - 16 bit | 14 - 16 bit | 14 - 16 bit | 14 - 16 bit |
| Colours | 281 trillion | 281 trillion | 281 trillion | 281 trillion |
| Contrast Ratio | 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 * |
| Max Power Consumption | 184 w/panel * | 184 w/panel * | 184 w/panel * | 138 w/panel * |
| Operating Temp/Humidity | -10 - 40 °C/ 10% - 80% | -10 - 40 °C/ 10% - 80% | -10 - 40 °C/ 10% - 80% | -10 - 40 °C/ 10% - 80% |
| Storage Temp/Humidity | -20 - 60 °C/ 10% - 90% | -20 - 60 °C/ 10% - 90% | -20 - 60 °C/ 10% - 90% | -20 - 60 °C/ 10% - 90% |
| Brightness | 600 - 800 nits | 600 - 800 nits | 600 - 800 nits | 800 - 1,000 nits |
| Refresh Rate | 3,840 Hz | 3,840 Hz | 3,840 Hz | 3,840 Hz |
| Horizontal Viewing Angle | 160° | 160° | 160° | 160° |
| Vertical Viewing Angle | 140° | 140° | 140° | 140° |
| Expected LED Lifetime (Max) | 100,000 Hrs | 100,000 Hrs | 100,000 Hrs | 100,000 Hrs |
| Max Stacking | 20 panels * | 20 panels * | 20 panels * | 20 panels * |
| Max Hanging | 16 panels * | 16 panels * | 16 panels * | 16 panels * |
| Curve Support( -: concave; +: convex) | 0° | 0° | 0° | 0° |
| Servicing | Front and Back * | Front and Back * | Front and Back * | Front and Back * |
| IP Rating | IP 30 | IP 30 | IP 30 | IP 30 |
| Certification | CE, EMC,LVD,<br>RoHS, CCC, FCC* | CE, EMC,LVD,<br>RoHS, CCC, FCC* | CE, EMC,LVD,<br>RoHS, CCC, FCC* | CE, EMC,LVD,<br>ETL, RoHS, FCC * |

*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
- Opera House
- Showroom
- Corporate

- Control Room
- Concert
- Shopping mall
- Stadium

- House of Worship
- TV Broadcasting
- Station

## AirMAG-R / Specifications

| | AirMAG-R 2.6 | AirMAG-R 2P | AirMAG-R 3 |
|---|---|---|---|
| Physical Pitch | 2.6 mm | 2.9 mm | 3.9 mm |
| Pixel Configuration | SMD 1515 | SMD 2020 | SMD 2020 |
| Pixel Density | 147,456 pixels/m$^2$ 36,864 pixels/panel | 112,896 pixels/m$^2$ 28,224 pixels/panel | 65,536 pixels/m$^2$ 16,384 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) | 96 × 96 | 84 × 84 | 64 × 64 |
| Physical Resolution of Panel (W × H) | 192 × 192 | 168 × 168 | 128 × 128 |
| Weight Per Panel | 7.91 kg/panel * | 7.63 kg/panel * | 7.4 kg/panel * |
| Weight Per m$^2$ | 31.64 kg/m$^2$ * | 30.52 kg/m$^2$ * | 29.6 kg/m$^2$ * |
| 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 | 41 - 69 w/panel | 41 - 69 w/panel | 41 - 69 w/panel |
| Max Power Consumption | 138 w/panel | 138 w/panel | 138 w/panel |
| Operating Temp/Humidity | -10 - 40 ℃/ 10% - 80% | -10 - 40 ℃/ 10% - 80% | -10 - 40 ℃/ 10% - 80% |
| Storage Temp/Humidity | -20 - 60 ℃/ 10% - 90% | -20 - 60 ℃/ 10% - 90% | -20 - 60 ℃/ 10% - 90% |
| Brightness | 1,000 -1,200 nits | 1,000 -1,200 nits | 1,000 -1,200 nits |
| Refresh Rate | 3,840 Hz | 3,840 Hz | 3,840 Hz |
| Horizontal Viewing Angle | 160° | 160° | 160° |
| Vertical Viewing Angle | 140° | 140° | 140° |
| 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 * | 20 panels * | 16 panels * |
| 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 |
| IP Rating | IP30 | IP 30 | IP 30 |
| Certification | CE, EMC,LVD, ETL, RoHS, FCC * | CE, EMC,LVD, ETL, RoHS, FCC * | CE, EMC,LVD, ETL, RoHS, FCC * |

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