

## Virtual Production Solution

### Specifications

	LED Wall			LED Floor	LED Ceiling
	AirMAG-R (MIP)	AirMAG-R (SMD)	AirTV-PRO	AirFLOOR-V1	AirMEDIA-D
Physical Pitch	2.6mm	2.6mm	1.56mm	2.6mm	5.2mm
LED per pixel	Flip-chip MIP	SMD 3-in-1	SMD 3 in 1/ Coated SMDs	SMD 3-in-1	SMD 3-in-1
Resolution	147,456 pixle/ m <sup>2</sup>	147,456 pixle/ m <sup>2</sup>	409,600 pixle/ m <sup>2</sup>	147,456 pixels/ m <sup>2</sup>	36,864 pixels/ m <sup>2</sup>
Module Dimension(W×H)	250mm x 250mm	250mm x 250mm	300mm x 337.5mm	250mm x 250mm	250mm x 500mm
Module Graphic Definition	96x 96 pixels	96x 96 pixels	192 x 216 pixels	96 x 96 pixels	48x 96 pixels
Cabinet Dimension(W x H x D)	500mm × 500mm x 81mm	500mm × 500mm x 81mm	600mm × 337.5mm	500 mm ×500mm	500 mm ×1000mm x 81mm
Cabinet Graphic Definition	192 × 192pixel	192 × 192pixel	384 × 216pixel	192 × 192 pixels	96 × 192 pixels
Cabinet Material	Die-cast Aluminum	Die-cast Aluminum	Die-cast Aluminum	Die-casting Aluminum	Die-casting Aluminum
Certificates	CE,EMC,Class A, ETL FCC	CE,EMC,Class A, ETL FCC	CE,EMC,Class A, ETL FCC	CE,EMC,Class A, ETL FCC	CE,EMC,Class A, ETL FCC
Single Cabinet Weight	8.9±0.3 kg/panel	8.9±0.3 kg/panel	5.5±0.3 kg/panel	7.5±0.3 kg/panel	11±0.3 kg/panel
Weight per m <sup>2</sup>	35.6±1.2kg/m <sup>2</sup>	35.6±1.2kg/m <sup>2</sup>	27.1±1.5 kg/m <sup>2</sup>	30±1.2kg/m <sup>2</sup>	22±0.6kg/m <sup>2</sup>
Constant Color Range	281 trillion colors	281 trillion colors	281 trillion colors	281 trillion colors	281 trillion colors
Refresh Rate	7680HZ	7680HZ	7680HZ	7680HZ	7680HZ
Processing	16bit	16bit	16bit	16bit	16bit
Best View Distancing	>2m	>2m	>2m	>2m	>5m
Horizontal Viewing Angle	>170°	>140°	>140°	>140°	>140°
Vertical Viewing Angle	>170°	>160°	>160°	>160°	>140°
Brightness	1500nits	1200nits	800nits	1200nits	5000nits
Contrast ratio	20,000:1	4,000:1	4,000:1	4,000:1	4,000:1
Brightness Adjustment	Manual, 256 level; Auto, 8 levels	Manual, 256 level; Auto, 8 levels	Manual, 256 level; Auto, 8 levels	Manual, 256 level; Auto, 8 levels	Manual, 256 level; Auto, 8 levels
Screen Power Consumption	Average: 60w/panel; Max:150w/panel	Average: 60w/panel; Max:150w/panel	Average: 50w/panel; Max:128w/panel	Average: 50-80w/panel; Max: 160w/panel	Average: 80w/panel; Max:180w/panel
Way of Drive	1/8 Scan Drive Method	1/8 Scan Drive Method	1/18 Scan Drive Method	1/16 Scan Drive Method	1/6 Scan Drive Method
Grey Scale	65,536 Shades Per Color	65,536 Shades Per Color	65,536 Shades Per Color	65,536 Shades Per Color	65,536 Shades Per Color
LEDs Lifetime	up to 100,000 Hours	up to 100,000 Hours	up to 100,000 Hours	up to 100,000 Hours	up to 100,000 Hours
Input Voltage	AC110V/230V/240V±10%	AC110V/230V/240V±10%	AC110V/230V/240V±10%	AC110V/230V/240V±10%	AC110V/230V/240V±10%
Input Power Frequency	50/60Hz	50/60Hz	50/60Hz	50/60Hz	50/60Hz
Frame Rate	Support50/ 60/120 /240 frames/sec	Support50/ 60/120 /240 frames/sec	Support50/ 60/120 /240 frames/sec	Support50/ 60/120 /240 frames/sec	Support60/ 120/250 frames/sec
Defect Rate	≤0.0002	≤0.0002	≤0.0002	≤0.0002	≤0.0002
Humidity	10%-90%	10%-80%	10%-80%	10%-90%	10%-90%

### Typical Applications

- › Car show
- › Reception hall
- › Window display
- › Shopping mall
- › Fashion store / show
- › Airport
- › Opera house
- › Theatre stage design
- › Stadium
- › Theme resort
- › High-level video conferencing
- › Wedding
- › Monitoring command and control center
- › House of Worship

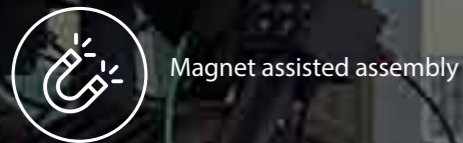
# CreateLED Virtual Production Solution

CreateLED's XR and ICVFX solution integrates our next-gen MicroLED LED display with non-reflective surface combined with professional wireless cameratracking systems and world's media servers.

Compatible with all professional real-time VFX platforms and interactive lighting systems, our solution delivers photoreal virtual environments for use in film production,broadcast, commercial showrooms and other applications.

# CreateLED Virtual Production Solution for film studio and xR broadcasting

Due to its stacking, hanging and curved installation options, the AirMAG-R 2.6mm Flip-chip MIP LED panels offer flexible installation solutions. Through concave or convex curving a larger field of view and a more immersive experience can be created.



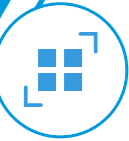
Magnet assisted assembly



LED protection through special design



Indoor use



AirMAG-R 2.6mm (flip-chip MIP)



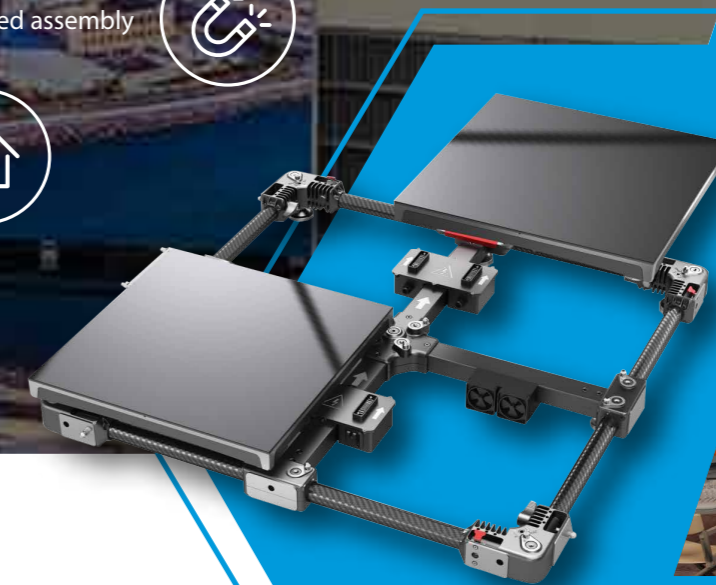
Magnet assisted assembly



Indoor use

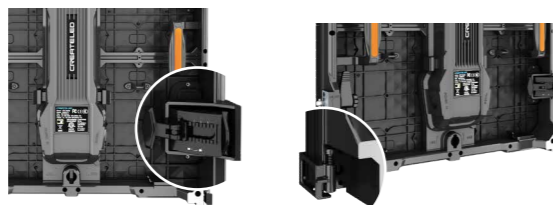


LED protection through special design



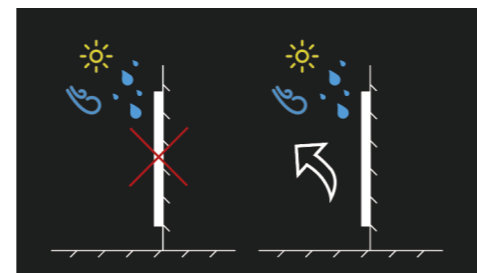
## Impressive Panel Protection

Magnet-assisted assembly and smart lock system actualize panel protection during installation and removal.



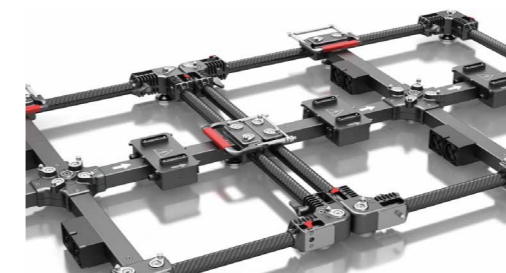
## Unparalleled Module Resistance

Flip chip MIP encapsulation grants AirMAG-R great resistance against dust, moisture, static and bumps.



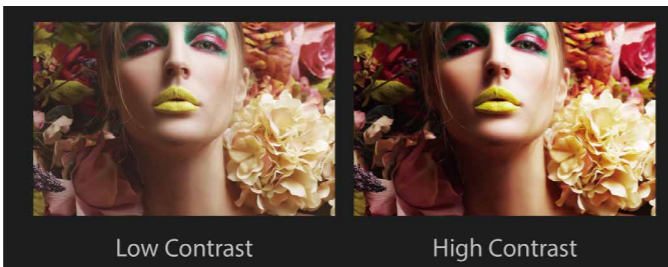
## Fast Convenient

Plug-In Connection applied between Cabinet and Holderto enhance connection reliability and cable saving.



## Stunning visual experience

Flip chip MIP based AirMAG-R 2.6 embraces higher contrast ratio and color gamut when compared with traditional LEDs.



Low Contrast

High Contrast

## Superb on-camera performance

Flip chip MIP paired up with higher scan rate and refresh rate achieves superior on-camera performance.



Traditional LED

CreateLED LED

## Ebony Technology

Ebony-Tech and Optical Materials collaboratively support LED panel's duration, Effectively against Multiple Environmental Interferences, External Pressure and Friction.

