

AMD-R SERIES

Modular Power & Signal Integration

Standard Modular Power & Signal Design
 Crash Proof Protection
 Fast Assemble and Easy Maintenance
 Concave, Convex, Curvilinear



Modular Power and Signal Integration

- › Modular power and signal box replaceable
- › Fast and tools free replace and assemble



Fully Front or Rear Accessible

- › Both fully front or rear service
- › Magnetic modules, Cable-less Connection
- › Tools-free installation and dismantling
- › Easy maintenance



Crash Protection Design

- › Corner Protection
- › Avoid crashing when packing and assembling
- › Easy to stand on ground or table for demonstration



Smart Concave and Convex

- › Both 500mmx500mm and 500mmx1000mm cabinets are arc-able
- › -9°~ +9° concave and convex degree



AMD-R SERIES / SPECIFICATION

	R-1.9	R-2.6	R-2.97	R-3.91
Pixel Pitch	1.9mm	2.6mm	2.97 mm	3.91 mm
Pixel Configuration	SMD 1515	SMD 2121	SMD 2121	SMD 2121
Pixel Density	262144 pixels/m ²	147,456 pixels/m ²	112,896 pixels/m ²	65,536 pixels/m ²
Module Dimensions (W×H) (mm)	250 × 250	250 × 250	250 × 250	250 × 250
Panel Dimensions (mm)	500 × 500 × 80	500 × 500 × 80 / 500 × 1000 × 80	500 × 500 × 80 / 500 × 1000 × 80	500 × 500 × 80 / 500 × 1000 × 80
Modules Per Panel (W×H)	2 × 2	2 × 2 / 2 × 4	2 × 2 / 2 × 4	2 × 2 / 2 × 4
Physical Resolution of Module (W×H)	128 × 128	96 × 96	84 × 84	64 × 64
Physical Resolution of Panel (W×H)	256 × 256	192 × 192 / 192 × 384	168 × 168 / 168 × 336	128 × 128 / 128 × 256
Panel Material	Die-Cast Aluminum	Die-Cast Aluminum	Die-Cast Aluminum	Die-Casting Aluminum
Single Cabinet Weight	8 / 14 kg/panel	8 / 14 kg/panel	8 / 14 kg/panel	8 / 14 kg/panel
Processing	16 bit	16 bit	16 bit	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	64 / 128 W/panel	64 / 128 W/panel	64 / 128 W/panel	64 / 128 W/panel
Max Power Consumption	192 / 384 W/panel	192 / 384 W/panel	192 / 384 W/panel	192 / 384 W/panel
Operating Temp/Humidity	-10°C - 60°C / 10% - 60%	-10°C - 60°C / 10% - 60%	-10°C - 60°C / 10% - 60%	-10°C - 60°C / 10% - 60%
Storage Temp/Humidity	-30°C - 60°C / 10% - 60%	-30°C - 60°C / 10% - 60%	-30°C - 60°C / 10% - 60%	-30°C - 60°C / 10% - 60%
Refresh Rate	> 3,840Hz	> 3,840Hz	> 3,840Hz	> 3,840Hz
Brightness	≥600 nits	≥600 nits	≥600 nits	≥600 nits
Horizontal Viewing Angle	160°	160°	160°	160°
Vertical Viewing Angle	140°	140°	140°	140°
Expected Lifetime	100,000 Hrs	100,000 Hrs	100,000 Hrs	100,000 Hrs
Max Stacking	20 / 10	20 / 10	20 / 10	20 / 10
Max Hanging	20 / 10	20 / 10	20 / 10	20 / 10
Servicing	Front / Rear	Front / Rear	Front / Rear	Front / Rear
IP Rating (Front/Rear)	IP 40 / IP 21	IP 40 / IP 21	IP 40 / IP 21	IP 40 / IP 21
Certification	CCC, CE, ETL, RoHS	CCC, CE, ETL, RoHS	CCC, CE, ETL, RoHS	CCC, CE, ETL, RoHS

AMD-R SERIES / TYPICAL APPLICATION

- Stage Rental
- Shopping Mall
- DJ Touring
- Theme Resort
- Car Show
- Fashion Store
- House of Worship
- Night Club
- Reception Hall
- Opera House
- Wedding Hall
- Meeting Room