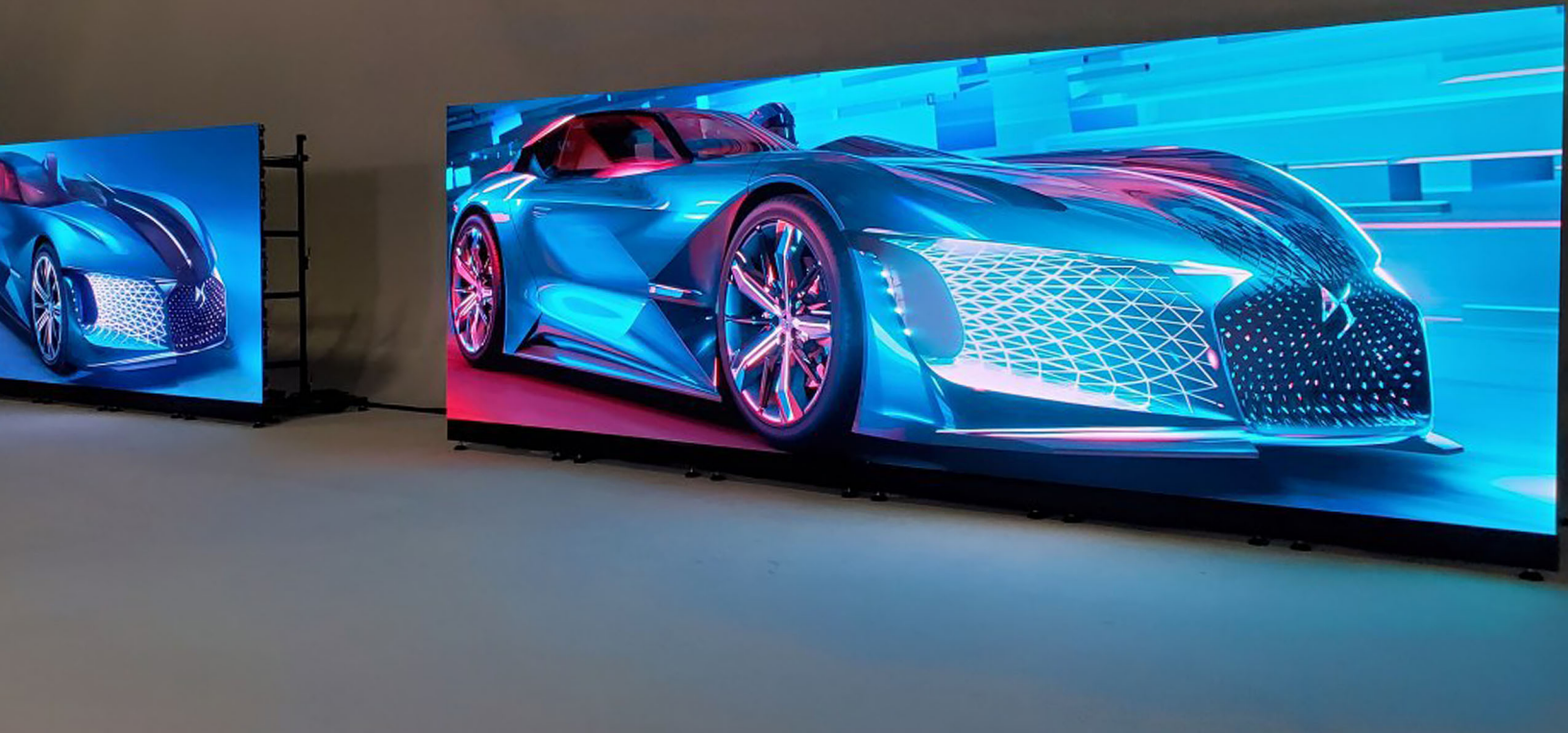




RDL-COB FPP SERIES

LED Video Wall Displays



Fully Front Serviceable LED Screen in 16:9 Golden Ratio

This product adopts COB encapsulation technology, which is different from the traditional SMD surface-mount encapsulation. It integrates the light-emitting RGB chip in the PCB board instead of soldering LED lamps to the PCB one by one. This technology effectively improves the reliability, light color and protection performances of the LED display.



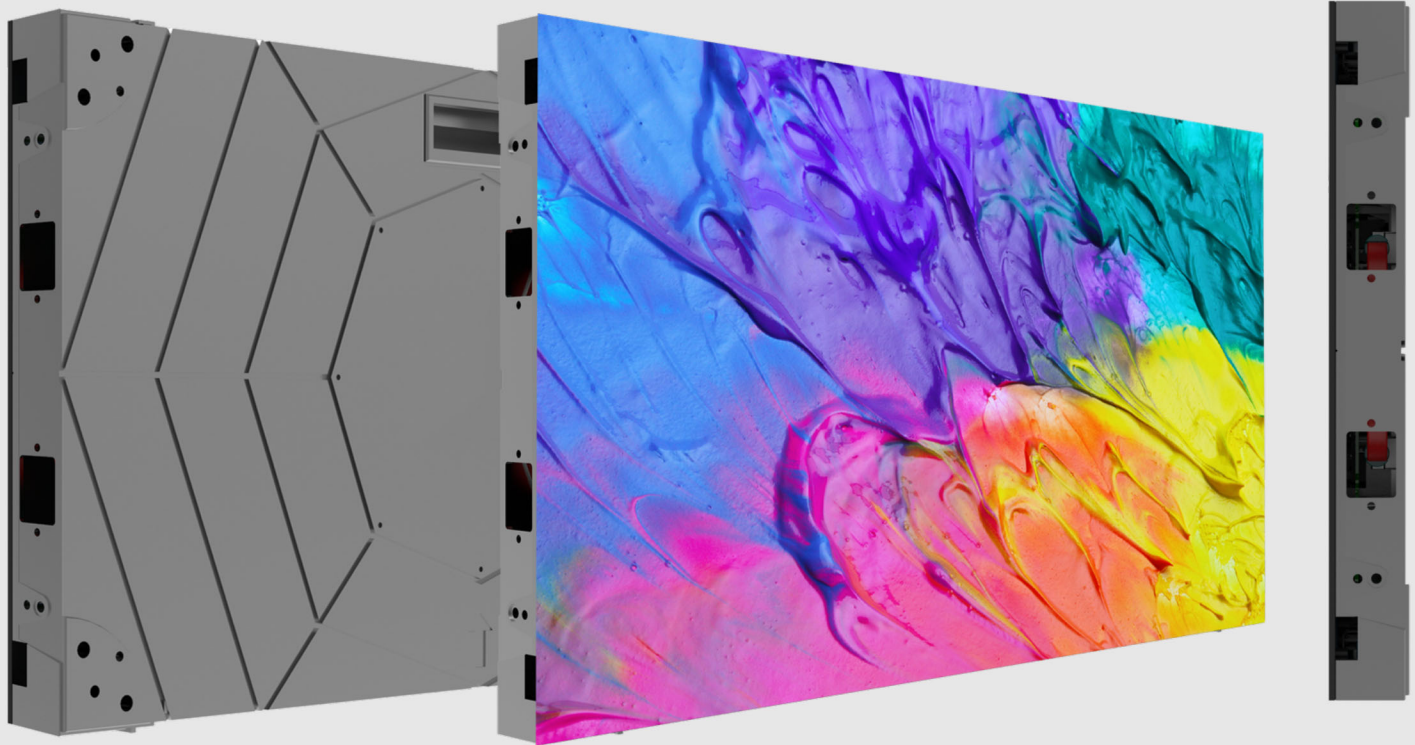
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RDL-COB FPP SERIES

LED Video Wall Displays



Overview

- Ultra HD Visual Effect
- Super wide viewing angle of 170 degree horizontally and vertically.
- Single-point Color correction technology to achieve a true color reduction.
- High Contrast ratio of up-to 5000:1
- Real Seamless connections
- Convenient fully 100% front maintenance
- Same cabinet can be used for pixel pitch:
 - 0.9 mm
 - 1.25mm
 - 1.56 mm
 - 1.875 mm
 - 2.08 mm
- Zero soldered spot to ensure the best reliability of lamps.
- Super High Refresh Rate
 - No ghosting
 - No twisting
 - No smearing
- Contrast Ratio 5000:1, Grey Scale 65536, Thin thickness 51mm
- Uses a high-quality chip with pure gold bonding wires, and pads that use gold technology, which is more reliable.
- IP65 for display surface, without traditional glue potting.
- Common cathode technology is 30% more power efficient.



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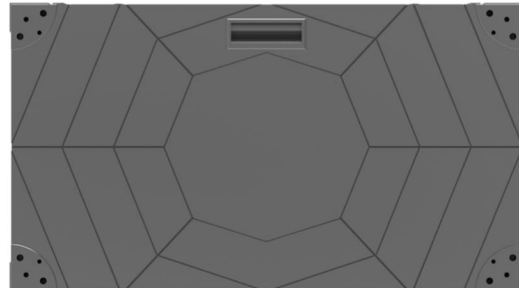
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LED Video Wall Displays



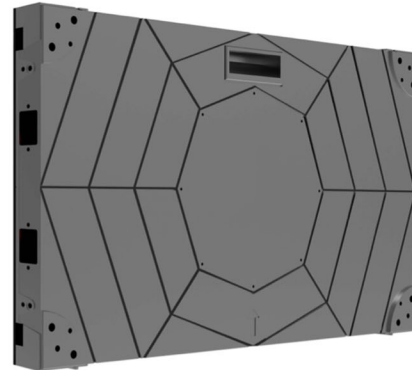
Front View



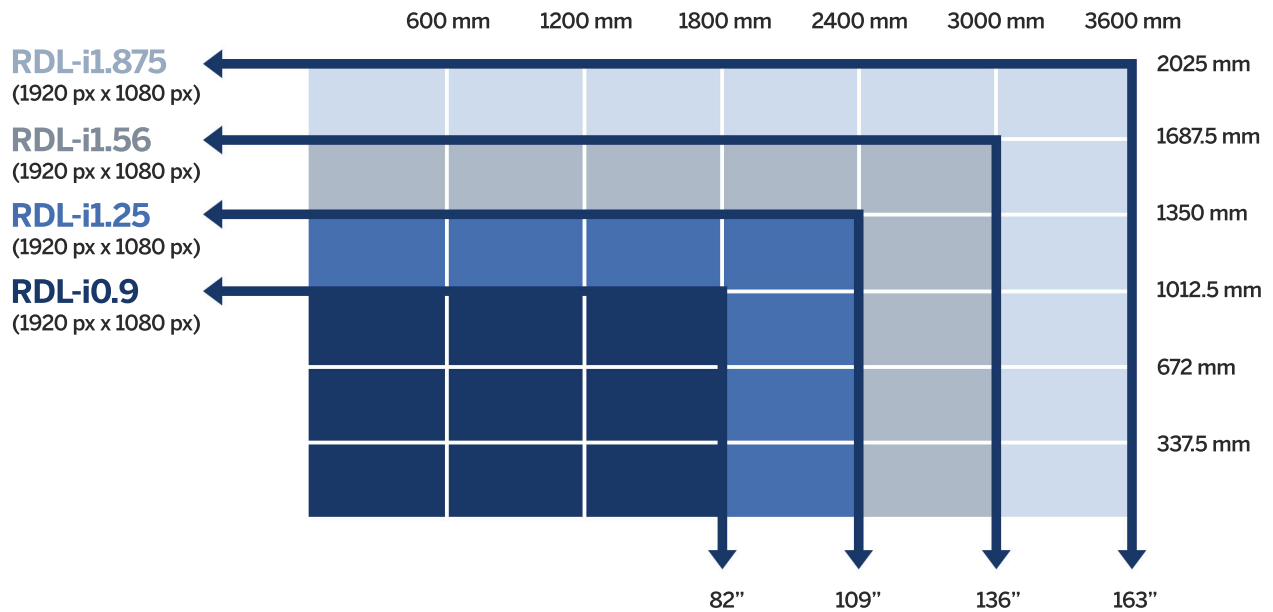
Rear View



Side View



Side View



RDL-COB FPP SERIES

LED Video Wall Displays

Technical Specifications

Item	M0.93-COB Common-Cathode	M1.25-COB	
Technical	Pixel Pitch (mm)	0.9375	1.25
	LED Configuration	COB 1R1G1B	COB 1R1G1B
	LED Type	2 x 4	2 x 4
	Physical Density (dot/m ²)	1,137,778	640,000
	Module Size (W x H x D) mm	150 x 56.25	150 x 56.25
	Module Resolution (W x H)	160 x 60	120 x 45
	Module Material	Plastic	Plastic
	Cabinet Size (W x H x D) mm	600 x 337.5 x 74.5	600 x 337.5 x 74.5
	Cabinet Resolution (W x H) dot	640 x 360	480 x 270
	Cabinet Material	Die Casting	Aluminum
	Scanning Mode	1/60	1/45
	Cabinet Flatness (mm)	≤ 0.10	≤ 0.10
	Grey Scale (Bit)	14 Bit + Control Software 2 Bit = 16 Bit	14 Bit + Control Software 2 Bit = 16 Bit
	Protection Level	LED Lamp Side IP65, Rear IP45	
	Installation/Service Method	Front or Back Installation/Front Service	
Optical	Brightness	50-500 cd/m ² adjustable	
	Color Temperature	3200-9300 K adjustable	
	Brightness Uniformity	≥ 98%	
	Color Uniformity	Within 0.003 Cx, Cy	
	Horizontal/Vertical View Angle	≥ 170°	
	Contrast Ratio	≥ 10000:1	
	Color Calibration of Single Dot	Yes	
	Brightness Calibration of Single Dot	Yes	
Operation	Drive Mode	Constant Current Drive	
	Standard Receiving Card	A8S	
	Refresh Frame Frequency	50/60 Hz	
	Max Refresh Rate	≥ 2880 Hz	≥ 3840 Hz
	Network Connection Port	RJ45	
	Input Voltage AC	110-220V	
	Cabinet Max Power Consumption	DC2.8V + 3.8	DC4.2V
	Cabinet Average Power Consumption	1.5A + 2.8A	4.5A
	Max. Power Consumption	≤ 600 W/m ²	≤ 600 W/m ²
	Average Power Consumption	≤ 200 W/m ²	≤ 200 W/m ²
	Working Temperature	- 20° C +80° C	
	Working Humidity	10% 95%RH	

