

RIL SERIES

QUICK-INSTALL INDOOR RENTAL LED DISPLAY

Featuring quick installation and easy maintenance, with a 7680Hz refresh rate and 4000:1 contrast ratio, the RIL Series delivers true-to-life images and reliable performance, while its 45° edge-cutting design and adjustable angle configurations from -10° to inner +10° help you realize creative curved installation effortlessly. Additionally, the series presents a versatile range of pixel pitches from 1.9mm to 3.9mm.



Highlights



Quick Installation and Easy Maintenance

The RIL series supports rear installation and maintenance, wall-mounting and hanging are selectable for this versatile display, making it adaptable to various scenarios.



Anti-collision Design

A high-brimmed protective face shield prevents the LED lamp bead from impact, and flip-over protective corners around the cabinet can effectively protect the edge LED.



Simple but Durable

Featuring hardwired independent central control, the RIL series has a sleek and modern look that is also reliable at the same time.



Eye-catching Display

With a brightness of 600 nits, a refresh rate of up to 7680Hz, and a contrast ratio of 4000:1, the display shows vibrant colors to create eye-catching images.



Energy-saving and Low Power Consumption

Utilizing a low-power 4.5V power supply, the display is optimized for energy efficiency and minimal resource use to realize low operational costs.



Creative Curved Installation

The RIL features a 45° edge-cutting design on both sides, enabling the panel to create 90° arc display. It offers adjustable angle configurations from -10° to inner +10° to create a curved screen with high flatness.



Specifications

RIL029FE

Pixel Pitch	2.976mm
Pixel Configuration	SMD Copper Wire SMD1515
Module Resolution (W x H)	84 x 84
Module Dimension (W x H)	250 x 250mm / 9.84 x 9.84inch
Cabinet Resolution (W x H)	168 x 168 / 168 x 336
Cabinet Dimension (W x H x D)	500 x 500 x 85mm 19.69 x 19.69 x 3.34inch 500 x 1000 x 85mm 19.69 x 39.37 x 3.34inch
No. of Modules per Cabinet (W x H)	2 x 2 / 2 x 4
Cabinet Weight	6.5kg / 14.33lbs 12kg / 26.45lbs
Cabinet materials	Die-cast Aluminium
Brightness (typ.)	600 nits
Contrast Ratio	4,000 : 1 (According to the current Hisense test environment)
Visual Viewing Angle (H x V)	150° x 140°
Bit Depth	14 bit
Colour Temperature	6500K ± 500K
Max Power Consumption per Cabinet	163W (500 x 500mm) / 325W (500 x 1000mm)
Avg Power Consumption per Unit Area	50 (500 x 500mm) / 100 (500 x 1000mm)
Max Power Consumption per Unit Area	650 W/m ²
Avg Power Consumption per Unit Area	200 W/m ²
Power Supply	100~240 V AC
Refresh Rate	7680 Hz
Operating Temp / Humidity	-10~40°C / 10~80% RH
Storage Temp / Humidity	-20~50°C / 10~85% RH
IP Rating	Front IP30 & Rear IP30
Lifetime	100,000 Hrs
Maintenance	Rear Access

Display Dimensions

