



RICALED INDOOR LED DISPLAY

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DESCRIPTION

Ricalled Indoor LED Display are high-brightness LED displays designed to display high-resolution images. Available in pixel pitches as small as 0.88mm, infinite expansion and stable configuration method different from the limited existing LCD screen configuration products. With a display capable of expressing various images, these types of boards are perfect for office buildings, churches, schools, airports, shopping centers, and anywhere else you need a high-quality multimedia screen for advertising and events.

FEATURE

- ▶ Available 0.88/ 0.93/ 1.25/ 1.53/ 1.8/ 2/ 2.5/ 3/ 3.91/ 4/ 5/ 6 mm pixel pitches
- ▶ Indoor 600 ~ 1000 cd/m² brightness
- ▶ High refresh rate & gray scale to realize clear and smooth images
- ▶ High resolution and good image quality
- ▶ Deliver sharp images at high refresh rates
- ▶ Natural image quality with high contrast
- ▶ Clear wide viewing angles from any position
- ▶ 16:9 video, curve screen, certified product suitable for various applications such as panorama
- ▶ It realize perfect color adjustment with dedicated calibration tool
- ▶ Durable over 100,000 hours of LED Lifetime (semi-permanent)
- ▶ Partial repair is possible with the separation method of LED module
- ▶ Thin and light cabinet
- ▶ Easy to install and maintain, front or rear service access



LED MODULE

The LED display, which expands by attaching a module to the cabinet, is easy to use and install, such as wall-mounted, mounted, and stand-type, and maintenance and module replacement are simple.



INDOOR LED DISPLAY TECHNOLOGY

Ricaled brings LED video to the next level with its standard package LED display solution. Designed for premier applications that require the highest image quality at the closest viewing distances, this product takes advantage of 3-in-1 SMD (surface-mount device); 4 in 1 mini LED technology, and optional Chip on Board (COB) or Glue on Board (GOB) technology to produce exceptional brightness, unsurpassed viewing angles and incredible picture detail. Ricaled can provide flexible solutions to fit customers' unique display needs, right down to the LED.



INSTALLATION CASES INDOOR LED DISPLAY



• National Museum of Contemporary Art
(W) 21,000mm x (H) 1,500mm



• Army Headquarters Church
(W) 6,656mm x (H) 3,712mm



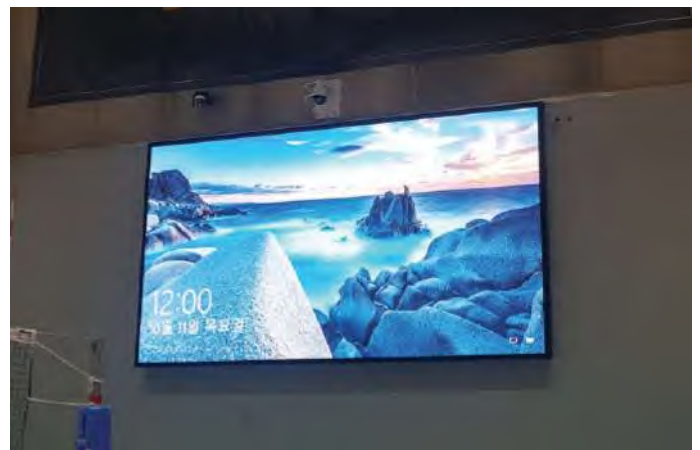
• **Seongsu-dong Gallery**
(W) 7,040mm x (H) 2,816mm



• **Gwangju Central Church**
(W) 4,480mm x (H) 2,560mm



• **Gyeonggi Province Economic and Science Promotion Agency (GBSA)**
(W) 5,670mm x (H) 2,400mm



• **Suwon KB Indemnity Insurance Volleyball Court**
(W) 4,500mm x (H) 2,500mm



• **KINTEX GMV Event**
(W) 12,160mm x (H) 5,280mm



• **Raonallje Studio**
(W) 5,280mm x (H) 2,640mm



SPECIFICATION

Model	P-0.88	P-0.93	P-1.25	P-1.53	P-1.875	P-2
Operating Environment	Indoor					
Pixel Pitch	0.88 mm	0.93 mm	1.25 mm	1.53 mm	1.875 mm	2 mm
Pixel Density	1,265,625 pixels/m ²	1,137,778 pixels/m ²	640,000 pixels/m ²	422,500 pixels/m ²	288,906 pixels/m ²	250,000 pixels/m ²
Module Size (WxH) mm	320 x 160	300 x 337.5	320 x 160, 300 x 337.5	320 x 160, 300 x 337.5	300 x 337.5	320 x 160, 256 x 128
Module Resolution (pixels)	360 x 180	320 x 360	256 x 128 240 x 270	208 x 104, 196 x 220	160 x 180	160 x 80
Module Weight	0.50 kg	0.6 kg	0.6 kg	0.47 kg ± 0.01 kg	0.37 kg ± 0.01 kg	0.37 kg ± 0.01 kg
Cabinet Size (WxH) mm	640 x 480	600 x 337.5	640 x 480, 600 x 337.5	640 x 480, 600 x 337.5	600 x 337.5	640 x 480, 512 x 384
Cabinet Resolution (pixels)	720 x 540	640 x 360	512 x 384, 480 x 270	416 x 312, 392 x 220	320 x 180	320 x 240
Cabinet Weight	8.25 kg	6 kg	6 kg	7.67 kg ± 0.05 kg	7.67 kg ± 0.05 kg	7.49 kg ± 0.05 kg
Cabinet Material	Die-casting aluminum					
Driving Method/scan	1/45	1/60	1/30	1/52	1/42	1/40
LED Type	SMD0606, RGB 3-in-1	4-in-1 mini LED	SMD1010, RGB 3-in-1	SMD1212, RGB 3-in-1	SMD1515, RGB 3-in-1	SMD1515, RGB 3-in-1
Brightness	≥600 nits	700 ~ 1000 nits	700 ~ 1000 nits	700 ~ 1000 nits	700 ~ 1000 nits	700 ~ 1000 nits
Refresh rate	≥4200 Hz	≥3840 Hz	≥4200 Hz	≥4200 Hz	≥4200 Hz	≥4200 Hz
Frame Frequency	60 Hz					
Viewing Angle (H/V)	H: ±160°, V: ±160°	H: ±170°, V: ±170°	H: ±160°, V: ±160°	H: ±170°, V: ±170°	H: ±170°, V: ±170°	H: ±170°, V: ±170°
Best Viewing Distance	≥1.0 m	≥1.0 m	≥1.25 m	≥1.6 m	≥1.9 m	≥2 m
Power Consumption (Max. / Ave.)	216/172 W/m ²	725/215 W/m ²	590/218 W/m ²	578/259 W/m ²	605/215 W/m ²	535/225 W/m ²
Gray scale	14 - 16 bit	16 bit	16 bit	16 bit	16 bit	16 bit
Color Processing	4,398 Billion	68,700 Million	68,700 Million	4,398 Billion	4,398 Billion	4,398 Billion
Color Temperature	1000 - 18,500K Adjustable					
LED Technology	COB/GOB Option					
Protection Degree	≥ IP31 (front and rear)					
Contrast Ratio	≥ 5000:1					
Runtime	24/7					
LED Lifetime	> 100,000 hours					
Service Access	Front or Rear					
LED Controller (included)	HDMI in, DVI in, 3G-SDI in, Gigabite Ethernet out (optical port opt.)					
Work Temperature	-20°C ~ +65°C					
Work Humidity	10 ~ 90% RH					
Storage Temperature	-20°C ~ +65°C					
Storage Humidity	10 ~ 90% RH					
Input Voltage	AC100 ~ 240V, 50/60Hz					
Certificate	FCC/ RoHS/ CE/ CCC/ EMC/ ISO 9001:2015/ ISO 14001:2015					



Model	P-2.5	P-3	P-3.91	P-4	P-5	P-6
Operating Environment	Indoor					
Pixel Pitch	2.5 mm	3 mm	3.91 mm	4 mm	5 mm	6 mm
Pixel Density	160,000 pixels/m ²	105,625 pixels/m ²	65,536 pixels/m ²	62,500 pixels/m ²	40,000 pixels/m ²	27,777 pixels/m ²
Module Size (WxH) mm	320 x 160, 160 x 160	320 x 160, 192 x 192	250 x 250	320 x 160	320 x 160	192 x 192
Module Resolution (pixels)	128 x 64	104 x 52	64 x 64	80 x 40	64 x 32	32 x 32
Module Weight	0.32 kg ± 0.01 kg	0.32 kg ± 0.01 kg	0.7 kg	0.35 kg ± 0.01 kg	0.3 kg	0.25 kg
Cabinet Size (WxH) mm	640 x 480, 480 x 480	640 x 480, 576 x 576	500 x 500	640 x 480	640 x 480	576 x 576
Cabinet Resolution (pixels)	256 x 192	208 x 156	128 x 128	160 x 120	128 x 96	96 x 96
Cabinet Weight	7.61 kg ± 0.05 kg	7.55 kg ± 0.05 kg	7.5 kg	6.95 kg ± 0.05 kg	9.5 kg	7.5 kg
Cabinet Material	Die-casting aluminum					
Driving Method/scan	1/32	1/36	16 Scan	1/20	16S	16S
LED Type	SMD1515, RGB 3-in-1	SMD2020, RGB 3-in-1	SMD2020, RGB 3-in-1	SMD2020, RGB 3-in-1	SMD2121, RGB 3-in-1	SMD3528, RGB 3-in-1
Brightness	700 ~ 1000 nits					
Refresh rate	≥4200 Hz	≥4200 Hz	≥3840 Hz	≥4200 Hz	≥4200 Hz	≥4200 Hz
Frame Frequency	60 Hz					
Viewing Angle (H/V)	H: ±170°, V: ±170°					
Best Viewing Distane	≥2.5 m	≥3 m	≥4 m	≥4 m	≥5 m	≥6 m
Power Consumption (Max. / Ave.)	140/47 W/m ²	127/42 W/m ²	500/160 W/m ²	143/48 W/m ²	400/130W/m ²	450/230 W/m ²
Gray scale	16 bit					
Color Processing	4,398 Billion	4,398 Billion	68,700 Million	4,398 Billion	68,700 Million	68,700 Million
Color Temperature	1000 - 18,500K Adjustable					
LED Technology	COB/GOB Option					
Protection Degree	≥ IP31 (front and rear)					
Contrast Ratio	≥ 5000:1					
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Work Temperature	-20°C ~ +65°C					
Work Humidity	10 ~ 90% RH					
Storage Temperature	-20°C ~ +65°C					
Storage Humidity	10 ~ 90% RH					
Input Voltage	AC100 ~ 240V, 50/60Hz					
Certificate	FCC/ RoHS/ CE/ CCC/ EMC/ ISO 9001:2015/ ISO 14001:2015					

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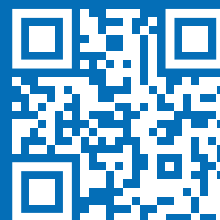
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