



LED Display Recommend

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Indoor LED Display Series

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LED Lighting Display Series

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Asynchronous LED Display Series

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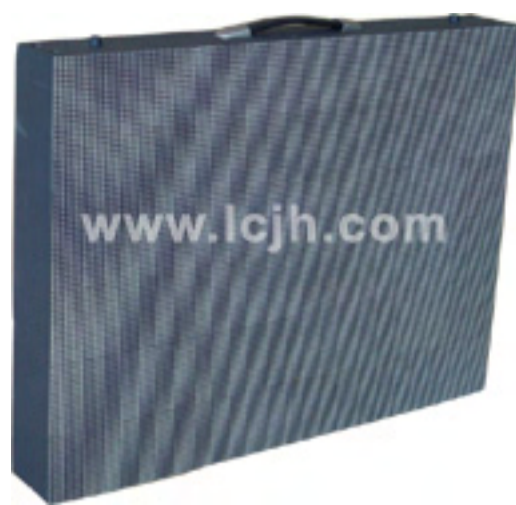
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Indoor full color LED Displays

Indoor SMD full-color LED display



Indoor SMD full-color LED display Front



Indoor SMD full-color LED display Back

- Instruction**
- Specifications
- Structure
- Projects

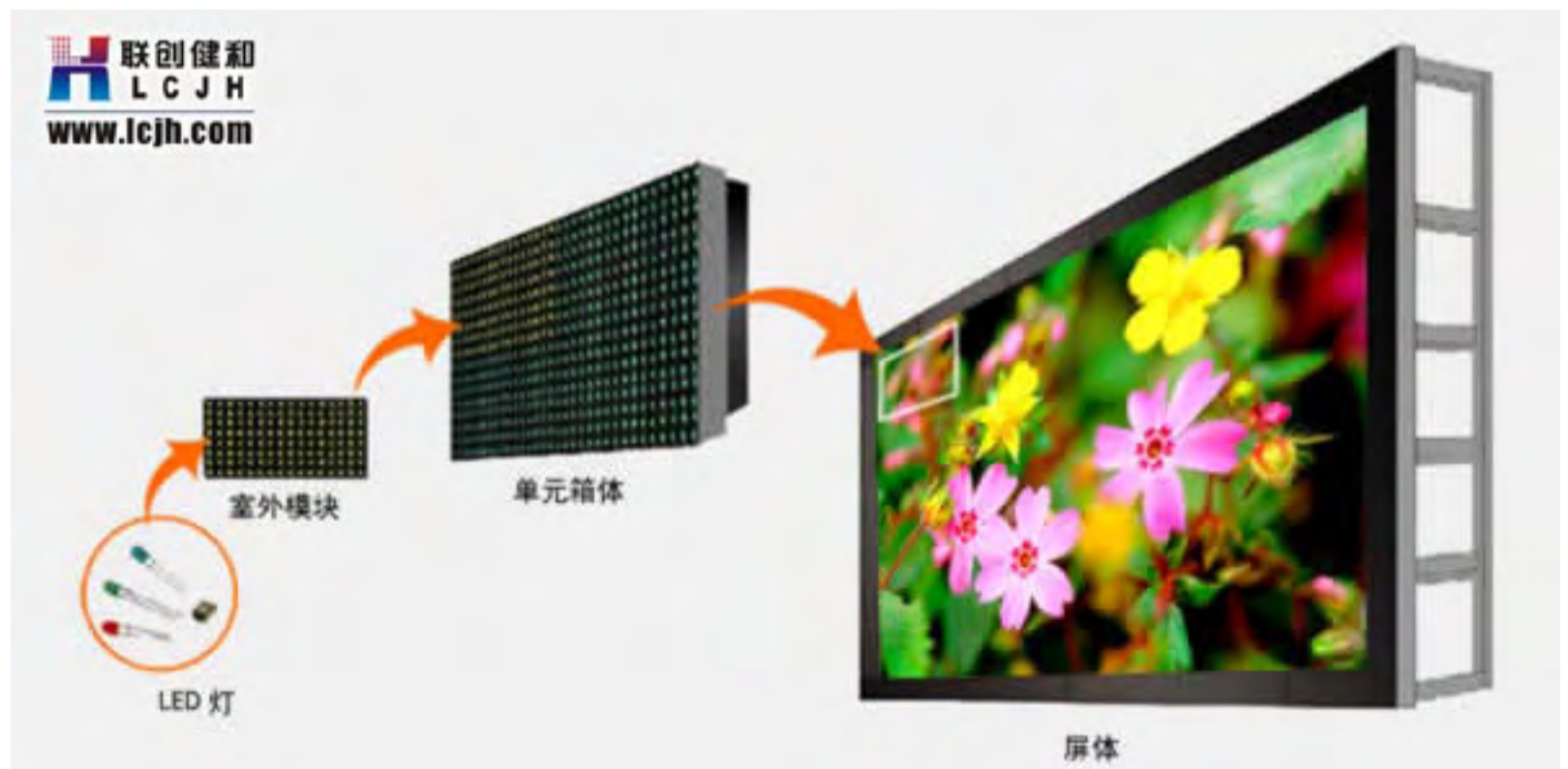
“SMD Combi-31” is a kind of manufacture technics for **Indoor full-color LED display**, which is the developed by LCJH. Compared with other **Indoor LED display**, “Combi-3 SMD” have the Advantages as below:

- The cabinets of our **Indoor LED display** is made by die-casting alum., while others Made their cabinet by steel or by jointing alu, board. The most important is that: Our cabinet have the unique hanging structure which is suitable for rental business.
- All the modules are assembled in the case, then there is no slots between PCB board and Alum. cabinet. When transport or install the LED screen, the PCB board will not be mangled.
- We check the quality of our **LED display** as per the Japanese Standard Operation Requests. And we can control the dead pixel rate within 1/100,000 per year.
- The bright difference of any two pixels is less than 20%, it assure the our **LED display** is uniformity in color and brightness, in avoid “splash”, “glare” “mosaic” and blur.
- Shenzhen Academy of Metrology and Quality Inspection (SMQ) test our Indoor full-color display from the temperature strike. The result shows: **Indoor full-color LED display** from LCJH can be normally used under the temperature between - 25 and + 75 .

6. **Indoor full-color LED display** from LCJH pass China CEPRELL Laboratory test, accorded with standards of 73/23/EEC 9/336/EEC、 93/68/EEC. And also passed the CE license.

Main Specification of LCJH SMD Indoor LED Display

Item	PH5 (SMD Full-color)	PH6 (SMD Full-color)	PH7 62 (SMD Full-color)	PH7 62 (SMD Full-color)	PH8 (SMD Full-color)	PH10 (SMD Full-color)	PH10 (SMD Full-color)	PH12 (SMD Full-color)	PH14 (SMD RGB)	PH20 (SMD Full-color)
Product Code	LJ0511	LJ0613	LJ0718	LJ0707	LJ0807	LJ1007	LJ1020	LJ1215	LJ1412	LJ2002
LED Configuration	1-in-1 SMD (Combi-3)	1-in-1 SMD (Combi-3)	1-in-1 SMD (Combi-3)	1-in-1 SMD (Combi-3)	1-in-1 SMD (Combi-3)	1-in-1 SMD (Combi-3)	1-in-1 SMD (Combi-3)	1-in-1 SMD (Combi-3)	1-in-1 SMD (Combi-3)	1-in-1 SMD (Combi-3)
Pixel Pitch	5mm	6mm	7.62mm	7.62mm	8mm	10mm	10mm	12mm	14mm	20mm
Pixel Density	40000 dots/m ²	27777 dots/m ²	17222 dots/m ²	17222 dots/m ²	15625 dots/m ²	10000 dots/m ²	10000 dots/m ²	6944 dots/m ²	5102 dots/m ²	2500 dots/m ²
Chip Color	1R1PG1B	1R1PG1B	1R1PG1B	1R1PG1B	1R1PG1B	1R1PG1B	1R1PG1B	1R1PG1B	1R1PG1B	1R1PG1B
Module Dimensions	160*80mm	192*96mm	244*122mm	244*122mm	256*128mm	320*160mm	320*160mm	192*192mm	224*224mm	320*160mm
Physical Resolution	32*16pixels	32*16pixels	32*16pixels	32*16pixels	32*16pixels	32*16pixels	32*16pixels	16*16pixels	16*16pixels	16*8pixels
Cabinet Dimensions	640*480mm	768*576mm	732*488mm	732*488mm	768*512mm	640*480mm	640*480mm	768*576mm	896*672mm	1280*960mm
Cabinet Resolution	128*96pixels	128*96pixels	96*64pixels	96*64pixels	96*64pixels	64*48pixels	64*48pixels	64*48pixels	64*48pixels	64*48pixels
Viewing Distance	≥4m	≥6m	≥6m	≥6m	≥8m	≥10m	≥10m	≥12m	≥15m	≥18m
Viewing Angle	140°	140°	140°	140°	140°	140°	140°	140°	140°	140°
Power Consumption	900W/m ²	1200W/m ²	1100W/m ²	650W/m ²	700W/m ²	750W/m ²	140W/m ²	200W/m ²	150W/m ²	150W/m ²
Control Method	Synchronization Operation	Synchronization Operation	Synchronization Operation	Synchronization Operation	Synchronization Operation	Synchronization Operation	Synchronization Operation	Synchronization Operation	Synchronization Operation	Synchronization Operation
Drive IC	Constant Current	Constant Current	Constant Current	Constant Current	Constant Current	Constant Current	Constant Current	Constant Current	595	Constant Current
Drive Method	1/16 Scan	1/8 Scan	1/4 Scan	1/8 Scan	1/8 Scan	1/4 Scan	Static	Static	1/16 Scan	1/8 Scan
Frame Rate	≥60Hz	≥60Hz	≥60Hz	≥60Hz	≥60Hz	≥60Hz	≥60Hz	≥60Hz	≥60Hz	≥60Hz
Refresh Rate	≥180Hz	≥180Hz	≥180Hz	≥180Hz	≥180Hz	≥180Hz	≥180Hz	≥180Hz	≥180Hz	≥180Hz
Brightness	≥1300	≥1500	≥1200	≥800	≥700	≥900	≥2000	≥1800	≥120	≥150
Temperature Range	0°C ~ 50°C									
Working Voltage	AC: 220/110±15% 50/60Hz									
Grey Scale	Can Realize 16.7M Color (full-color Synchronization)									
Calibrated	Software 16 Grade Adjustment									
IPC	WIN98, WINXP, WIN2000, etc.									
Video Signal	RF, S-Video, RGB, RGBHV, YUV, YC, COMPOSITION, etc.									
Adopted Control	PCTV card (Optional)+DVI graphic card+Main Control card+Optical Fiber Transmission (Optional)									
MTBF	≥5000 Hours									
Life	100,000 Hours									
Dead Dot	<0.0002									
PC Display Method	1024*768									
Software	LED Studio (MDK)									



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