



C1 SERIES

INDOOR HIGH TRANSPARENCY LED DISPLAY

-SIDE LIGHT EMITTING

Transform Your Idea into Reality



C1 - SPECIFICATION

Item	YH-T4×8	YH-T8	YH-T10	YH-T16
Pixel Pitch	4-8 mm	8 mm	10 mm	16 mm
LED Type	SMD 3 in 1	SMD 3 in 1	SMD 3 in 1	SMD 3 in 1
Pixel Density	31250 /m ²	15625 /m ²	10000 /m ²	3912 /m ²
Module Dimension (W×H)	960×128 mm	960×128 mm	960×160 mm	960×256 mm
Module Resolution (W×H)	240×16 px	120×16 px	96×16 px	60×16 px
Cabinet Dimension (W×H×D)	1920×960×126 mm	1920×960×126 mm	1920×960×126 mm	1920×1024×126 mm
Cabinet Resolution (W×H)	480×120 px	240×120 px	192×96 px	120×64 px
Screen Weight	26 kg	26 kg	22 kg	22 kg
Transparency Rate	65%	65%	70%	80%
Cabinet Material	Aluminum	Aluminum	Aluminum	Aluminum
Brightness	≥5000 nits	≥5000 nits	≥5000 nits	≥4500 nits
Colour Temperature	6000~8500 k	6000~8500 k	6000~8500 k	6000~8500 k
Contrast Ratio	0~255	0~255	0~255	0~255
Gray Scale	14 bit	14 bit	14 bit	14 bit
Refresh Rate	1920~3840 Hz	1920~3840 Hz	1920~3840 Hz	1920~3840 Hz
Viewing Angle	H 160° / V 120°	H 160° / V 120°	H 160° / V 120°	H 160° / V 120°
Driving Method	1/8 S	1/2 S	1/2 S	Static
Access	Rear Access	Rear Access	Rear Access	Rear Access
Ingress Protection	IP20	IP20	IP20	IP20
LED Lifespan	100,000 h	100,000 h	100,000 h	100,000 h
Working Temperature	-10°C~40°C	-10°C~40°C	-10°C~40°C	-10°C~40°C
Storage Temperature	-40°C~80°C	-40°C~80°C	-40°C~80°C	-40°C~80°C
Working Humidity (RH)	0~90%	0~90%	0~90%	0~90%
Power Supply	AC 100-240 V	AC 100-240 V	AC 100-240 V	AC 100-240 V
Max. power Consumption	650 W/m ²	650 W/m ²	650 W/m ²	650 W/m ²
Avg. power Consumption	200 W/m ²	200 W/m ²	200 W/m ²	200 W/m ²
Input Signal	DVI/ DP1.2/ HDMI/ VGA, RGBHV, Composite Video signal, S-VIDEO, YPbPr(HDTV)			



- Futuristic City, Hangzhou (8 mm)

C1 series

Higher transparency and infinite possibilities

With a groundbreaking design of side-emitting technology, C1 has tremendously improved transparency, it makes images or videos just like magically pop up in the air. High transparency of C1 provides infinite possibilities for creative display and space creation. Aluminum alloy cabinet and modular design also make C1 much more fitting to various environments.

Application:

Giant glass wall, ceiling video wall, curtain LED display, etc.

Features



Slim cabinet



Ultra light cabinet



High transparency



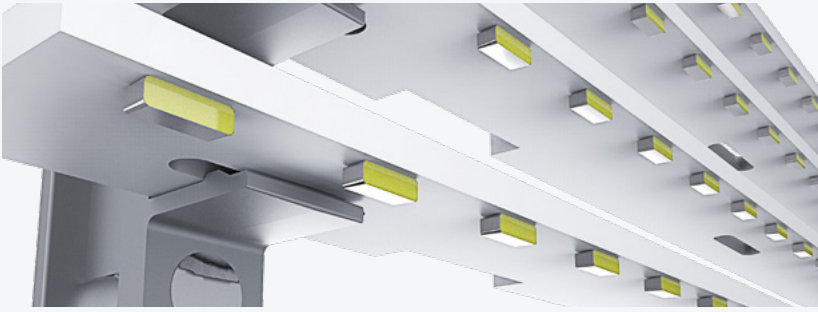
Super wide viewing angle
160°



Point-fixture



Energy efficient



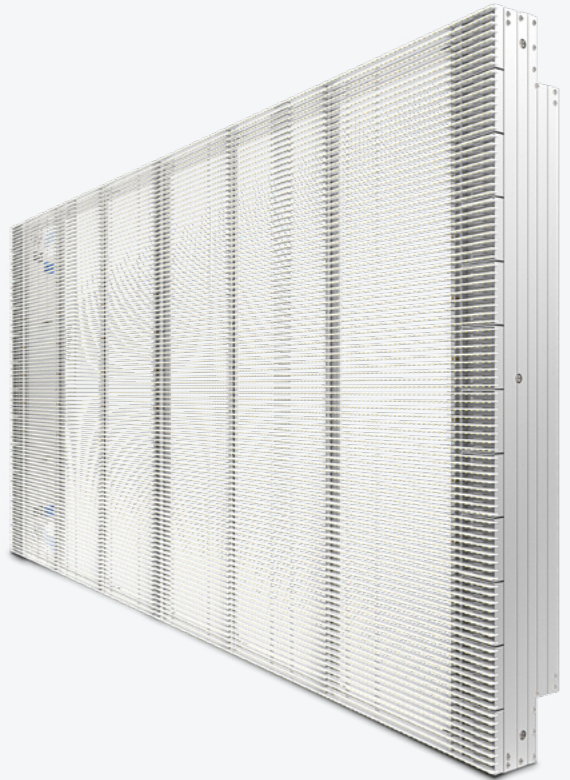
● Side-emitting technology

Diode is embedded 0.2mm away from PCB's surface, this design helps to collect brightness and protects diode from dust. Custom-designed waterproof diode is also available to minimize LED malfunction rate due to the high humidity.



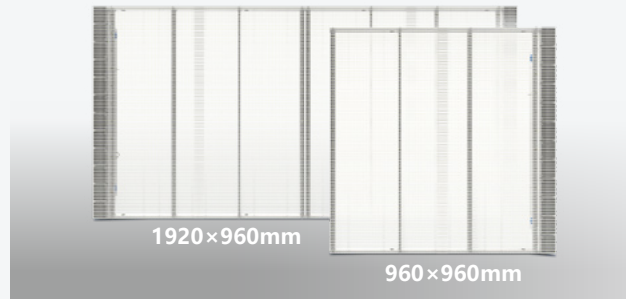
● Light and reliable aluminum architecture

Aluminum cabinet architecture results in advanced heat dissipation and management and longevity of life, each cabinet weighs only 13kg per cabinet, fixtures on cabinet are strengthened to improve reliability and protect cabinet from erosion.



● Modular design

Each module is composed by 8 light bars and connected to cabinet through FCI high precise connector, ensuring excellent flatness of display.



Flexibility in size

Apart from standard cabinet size, C1 transparent LED display offers flexibility of design and shape to deliver a truly bespoke and inspirational installation.

**C1 standard cabinet size: 1920mm x 960mm
960mm x 960mm**



Compatible with various point-fixtured glass wall

Power boxes are designed to be a stage-like layout, front and rear are nudged backward 44mm, top and bottom are nudged backward 80mm, making C1's structure to be more compatible with various glass walls.



SMART MODULE



Smart module

Data is auto to individual module resulting in no need to manually calibrate when replacing with spare module supplied

- Smart module are able to:**
- . Work by independent identification
 - . Store calibration data
 - . Monitor running time
 - . Synchronize data

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