



Onfinity Technologies



* All images are for illustrative purposes only

LED DISPLAY



High Brightness



Lightweight Design



Easy
Maintenance



Front or Rear
Serviceability



90° Corner
Design Available



IP65

IP Rated
Weatherproof Design



Software Solutions



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PIXEL FINE PITCH



High Brightness



Built-in Speakers



Easy
Maintenance



Smart
Split-Screen



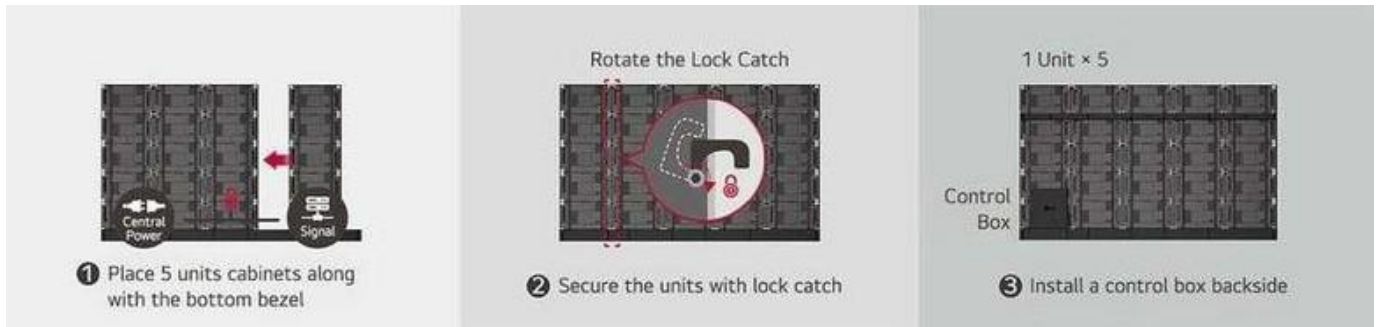
Energy-Efficient
Technology



Wide Viewing Angle



Wireless & HDMI
Connectivity



Quick & Easy Installation

Pre-assembled with carbonfibre tubes and tool-free lock catches, each 5-cabinet unit is lightweight yet strong.

- Fast setup with no frame building
- Click-lock system for secure, seamless alignment
- Ideal for rental, stage, or fixed installs

Built for speed. Engineered for precision.

* Fixing screws or installing wall mount/accessories is needed additionally.



Built-in Speaker

An integrated solution featuring an embedded controller and built-in speaker, making installation quick, simple, and hassle-free.



Simple Power Connection

Operates with a single AC cable, making power setup straightforward and keeping installation neat and clutter-free.



Landscape Wall Mount

Comes equipped with wall mount accessories for easy, secure, and space-saving installation.



Dedicated Stand

Includes a sturdy floor stand, offering flexible placement without the need for wall support.

Technical Parameters

Indoor Video Display

Display	Model Name	OT-I 1.2C	OT-I 1.5C	OT-I 2.5T
Module	Pixel Configuration	COB	COB	SMD
	Pixel Pitch (mm)	1.25mm	1.56mm	2.5mm
	Pixel density (pixels/sq.m.)	640,000 pixels/m ²	409600pixels/m ²	160000 dot/m ²
	Panel Size (WxHxD)/(mm)	600x337.5x29.8	600x337.5x29.8	128*64=8192 Pixels
	Module Size (mm)	150mm(W)*168.75(H)	150mm(W)*168.75(H)	W320mmxH160mm
Cabinet	Module Weight (Kg)	0.0865	0.0865	0.46
	Cabinet Resolution	480*270	384*216	256*256
	Panel Installation	Fix	Fix	Fix
	Cabinet Weight (Kg/m2)	3.9 Kg	7.5 kg	10.5 kg
	Cabinet Material	Die-casting Aluminum	Die-casting Aluminum	Die-casting Aluminum
	Maintenance	Full front maintenance	Full front maintenance	Full front maintenance
	Surface Flatness (mm)	≥0.5mm	≥0.5mm	≥0.5mm
	IP Grade (Front/Rear)	IP54 or better	IP54 or better	IP53 or better
	Single-dot Brightness	Support	Support	Support
	Brightness (nits)	800 cd/m ²	800 cd/m ²	1000 cd/m ²
Optical	Color Temperature (K)	2,500K~9,500K Adjustable	3,000K~10,000K Adjustable	2000K~9300K Adjustable
	Horizontal Viewing angle()	H: 160°/V: 160°	H: 160°/V: 160°	H: 160°/V: 140°
	Brightness Uniformity	≥98%	≥98%	≥98%
	Contrast Ratio	10000:1	10000:1	15000:1
	Frame Changing	60Hz	60Hz	60Hz
	frequency Refresh Rate	3840Hz	3840Hz	3840Hz
Performance	Processing Depth	14Bit	12~14Bit	12~16Bit
	Video Support	2K HD, 4K UHD	2K HD, 4K UHD	2K HD, 4K UHD
	HDR	HDR 10		
	Max Power	300 W/m ²	300 W/m ²	488 W/m ²
	Input Power <Typical>	100 W/m ²	100 W/m ²	146 W/m ²
Electronic	Power Supply	AC: 100V~240V (50~60Hz)	AC: 100V~240V (50~60Hz)	AC100 V~240V, 50-60Hz
	Life Span (hrs.)	100000hrs, 24 x 7	100000hrs, 24 x 7	100000hrs, 24 x 7
	Working Temperature	-10~45 / 10%-80%RH	-10~45/ 10%-80%RH	-20℃~45℃ / 10%~80%RH
	Storage Temperature	-40~60 / 10%-90%RH	-40~60/ 10%-90%RH	-20℃~50℃ / 10%~85%RH
Controller	Video Wall Controller (CD4950 OT)			
	19-inch Rack Mount, Minimum Loading Capacity: 26 Million Pixels, Input Connectors: 4 × HDMI 2.0 / DVI / IP (RJ45)			
	Maximum Input Resolution: Up to 4096 × 2160 @ 60Hz, Output Connectors: RJ45			
	Control Interface: TCP/IP & RS232, Power Supply: AC 100–240V~, 50/60Hz, 4.0A			
	Power Consumption: 210W, Operating Temperature: 0°C to +45°C, Storage Temperature: -10°C to +60°C			
	Processor: Intel® Core™ i7 Server, 16GB RAM, 512GB SSD			
	Additional Features			
	Web-based device management with multi-user collaboration., Real-time system monitoring and firmware updates., Supports up to 4 HDMI input sources.			
	Provides 4 split-screen display on a single active LED display., Real-time seamless switching and image scaling., Centralized control via TCP/IP and RS232.			
	Designed for high-performance command & control room applications.			

* Specifications are subject to change without notice. Please make sure to check the product manual for details about product usage.



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