



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

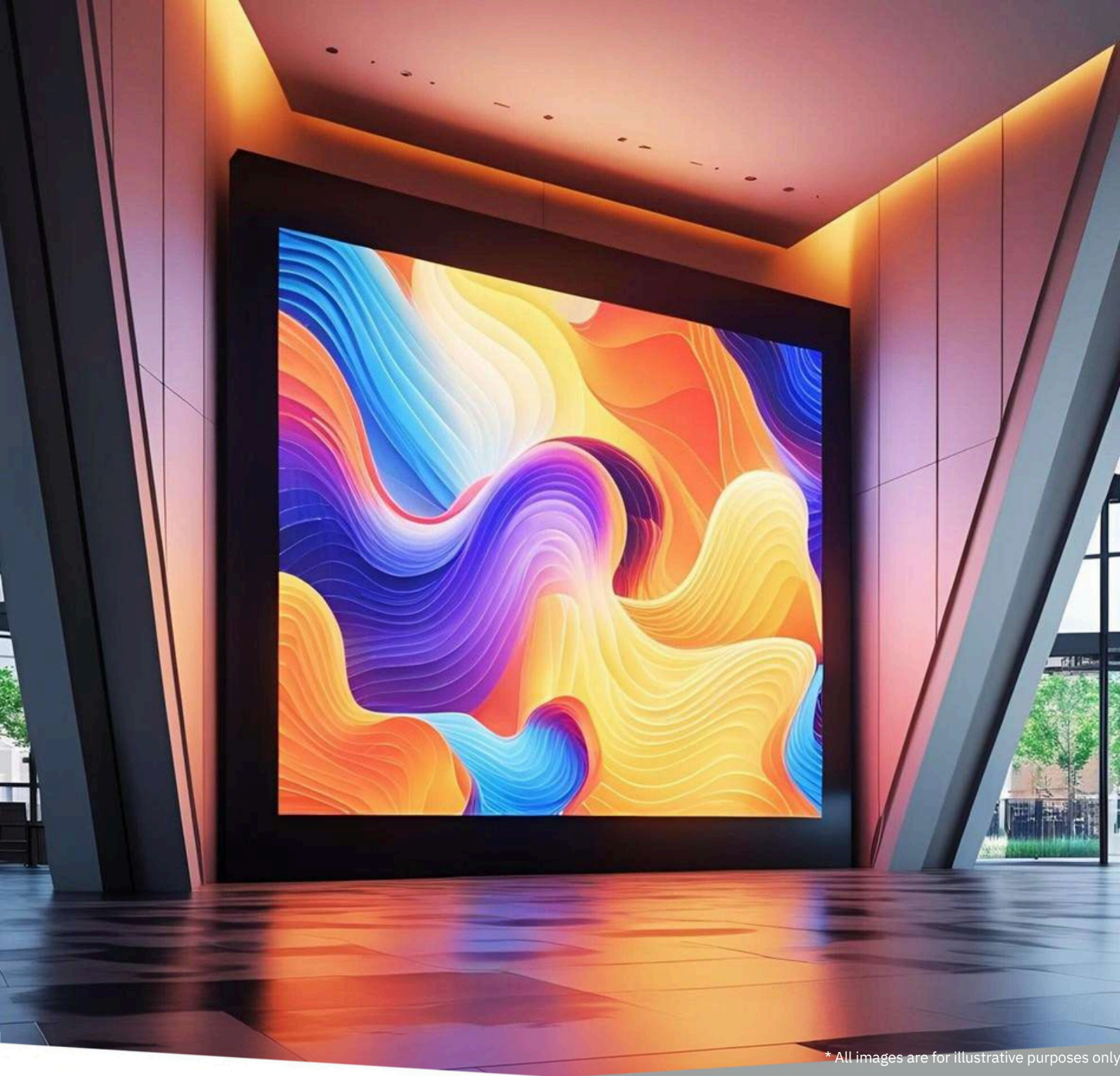


IP65

IP Rated
Weatherproof Design



Software Solutions



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PIXEL FINE PITCH



High Brightness



Built-in Speakers



Easy
Maintenance



Smart
Split-Screen



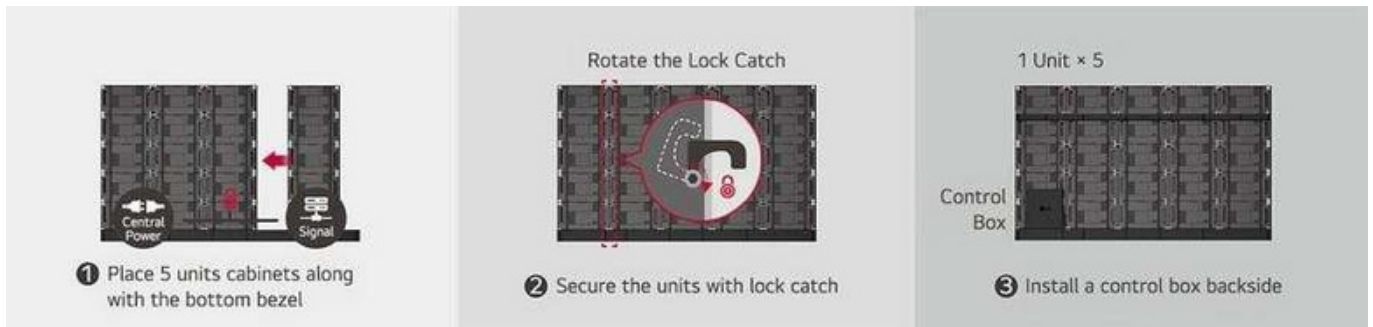
Energy-Efficient
Technology



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
	Module Weight (Kg)	0.0865	0.0865	0.46
Cabinet	Cabinet Resolution	384*216	384*216	256*256
	Cabinet Dimension	640*640*80	640mm*640mm*60mm	640mm*640mm*60mm
	Cabinet Weight (Kg/m2)	7.5 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)	Front: IP65	Front: IP65	IP53
Optical	Single-dot Brightness	Support	Support	Support
	Brightness (nits)	600 cd/m ²	600 cd/m ²	1000 cd/m ²
	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
Performance	Frame Changing	60Hz	60Hz	60Hz
	frequency Refresh Rate	3840Hz	3840Hz	3840Hz
	Processing Depth	14Bit	12~14Bit	12~16Bit
	Video Support	2K HD, 4K UHD	2K HD, 4K UHD	2K HD, 4K UHD
	HDR	HDR 10		
Electronic	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
	Power Supply	AC: 100V~240V (50~60Hz)	AC: 100V~240V (50~60Hz)	AC100 V~240V, 50-60Hz
Environment	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.



www.onfinitytechnologies.com



CORPORATE OFFICE

Level No. 1, Leap Infratech, Plot No. 6, Sector 22, Panchkula 134109 (Haryana) INDIA
E: info@onfinitytechnologies.com | Toll Free No. 18005722292 | +91-9681819191

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