

# Seamless LED Video Wall Solution



Full-color, high-brightness, customized size and format, using direct-view LED display technology to build seamless video walls for your business applications

Looking for a large video wall solution for your business? We have some great news for you! The direct-view LED display technology is now so advanced that it has become a very affordable solution for your video wall project. Comparing to the traditional LCD video wall, direct-view LED video wall features seamless and vivid picture quality and higher brightness. The fine pixel pitch LED display products are an ideal solution for indoor advertising, event hosting, wayfinding and more.

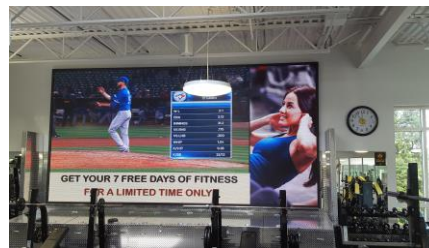
## LED display module



## LED display cabinet



## Installation Services



## Features: >>>

**We provide fully-customized design for each project**

- ✓ Using high quality full-color LED modules to ensure vivid display quality
- ✓ Multiple pixel pitch options available such as 0.9mm, 1.5mm, 2.5mm, 3mm, 3.9mm, 4mm, 5mm etc.
- ✓ Using either framework or cabinet-based structure to meet the installation site conditions
- ✓ Synchronous, asynchronous or hybrid system modes for different application needs
- ✓ Typical brightness level: 800~2000nits
- ✓ 16 bit color depth, 65,536 colors
- ✓ HDMI/DVI/SDI/VGA input
- ✓ 3 years on-site warranty

Leader LED is a specialized LED display service company with offices located in BC and Ontario. Our team has more than 15 years of experience in the LED display industry. We partner with some of the major manufacturing and system companies to provide industry-best products to our customers here in Canada. We understand each video wall project is different. Our full-service approach for a successful LED video wall project includes customer needs analysis, site review, structural design, electrical arrangement, installation, etc. Our project manager will closely monitor each step of the work to make sure high-quality work is delivered throughout the project lifecycle. Our warranty service maintains a quick response time to make sure customer satisfaction is assured.

### Steps to complete a video wall project:

1. Understand business needs and define project scope
2. Financial feasibility study (ROI, Leasing option etc.)
3. Site condition review (Wall structure, ceiling mount, standalone, etc.)
4. Structural design and product specification confirmation
5. Contract negotiation and signing
6. Product and structural material ordering
7. Installation and system integration
8. Production acceptance



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## PRODUCT SPECIFICATION

Item	Indoor LED video wall			
	MI-1.86S	MI-2.5S	MI-3.3S	MI-4S
Model	MI-1.86S	MI-2.5S	MI-3.3S	MI-4S
Pixel Pitch (mm)	1.86	2.5	3.33	4
Pixel Density (dot/m <sup>2</sup> )	288,369	160,000	90,000	62,500
LED Type	SMD1515	SMD2121	SMD2121	SMD2121
Module Size (W x H x D)mm	320 x 160 x 15	320 x 160 x 15	320 x 160 x 15	320 x 160 x 15
Module Resolution (W x H)	172 x 86	128 x 64	96 x 48	80 x 40
Module Weight (Kg)	0.48	0.42	0.42	0.36
Power Consumption per Module (W)	22	18	18	19
Driver Mode (Scan)	1/43	1/32	1/24	1/20
Brightness (cd/m <sup>2</sup> )	≥550	≥600	≥600	≥600
Grey Scale (bit)	16	16	16	16
Refresh Rate (Hz)	≥3840	≥1920	≥3840	≥1920
Video wall Size (W x H x D)mm	Customizable by design			
Display Area Size (W x H)mm	Customizable by design			
Display Resolution (W x H)	various	various	various	various
Unit Weight (Kg/pc)	Varies depends on overall size			
Max Power Consumption (W/m <sup>2</sup> )	≤429	≤350	≤351	≤550
Average Power consumption (W/m <sup>2</sup> )	210	175	175	248
Viewing Angle	Degree: H	140°		
	Degree: V	140°		
Mini View Distance (m)	1.5	2.5	3.3	4
Use Temperature(°C)	Operating	-10°C~40°C/14°F~104°F		
	Storage	-20°C~50°C/-4°F~122 °F		
Input Voltage	100~240V			
Input Power Frequency (Hz)	50Hz-60Hz			
Failure Rate	<1/100,000			
Control Type	Synchronous or Asynchronous, dual modes			
Life Span (hrs)	100,000			
IP Level (Front / Rear)	IP 43 / IP30			

Main technical Parameters

Remark: Above specs are based on GKGD LED modules, specifications are subject to change without notice, check with our sales consultant for details.



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