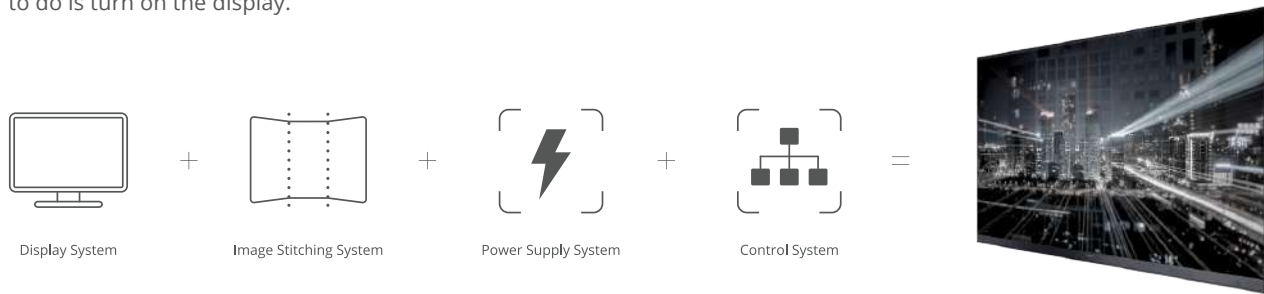# Expand Your Vision

All-in-One Direct View LED Displays
Mainstream Series

As a leading visual solutions provider, ViewSonic is pioneering new trends in the presentation display markets. With the development of our All-in-One Direct View LED Displays, we've advanced LED technology and created a new product category. With huge screen sizes, larger-than-life images and simple setup, these displays are an innovative, all-in-one alternative to traditional video walls.

Simplified All-in-One Design

Unlike traditional LED displays, the ViewSonic All-in-One Direct View LED Displays serve as a simplified solution with integrated display, image stitching, power supply, and control systems, eliminating the need for a complicated setup process—all you need to do is turn on the display.

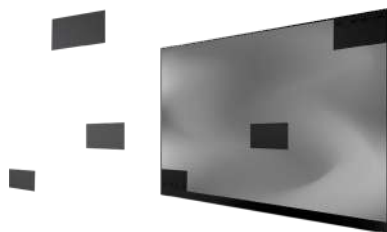| Display System | Image Stitching System | Power Supply System | Control System |

A Modern Look for Any Interior

Larger than multiple LCD displays combined and practically frameless on three sides, the All-in-One Direct View LED Displays seamlessly deliver content without stitching bezels for a more immersive visual experience. Thin, discreet, and stylish, these displays offer a minimalistic look that blends in harmoniously with almost any interior design style.

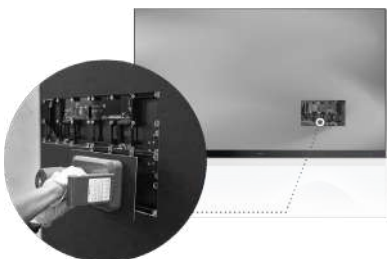**No Image Grid**   **1.4"/35 mm Ultra-slim ID**   **0.4"/10 mm Frameless Edge**

Enhanced Moisture-and-Reflection Resistance

First impressions count when making a bold statement. The All-in-One Direct View LED Displays are lined with high-end Fluorocarbon Coating Technology, delivering a luxurious matte finish that eliminates distracting reflections. The coat also acts as a durable screen protection to enhance moisture resistance.

Modular Design for Easy Installation
2 people, 2 hours

Composed of 4-8 cabinets and multiple LED modules. When installed, each individual module auto-configures and calibrates its location and setting values within the display.

Full Front Maintenance
Electric vacuum suction tool

Instead of moving an entire set of displays around for maintenance, the hot-swappable front LED modules allow users to change any defective piece. With the included electric vacuum suction tool, removing a module is easy.
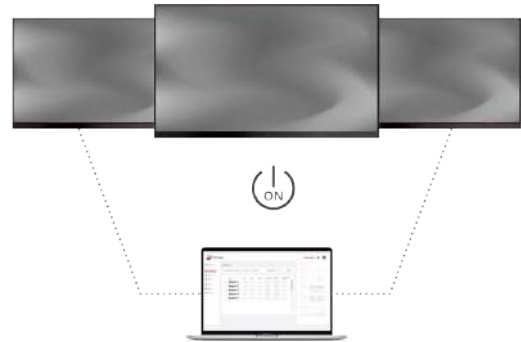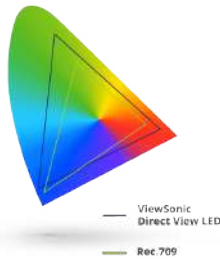
Multitasking with Embedded Operating System & Wi-Fi

With powerful embedded SoC, OS and 2.4G/5G Hz Wi-Fi, users can easily work in a familiar PC environment for app installation, web browsing, multimedia play, wireless device connection, and more.

Wireless Content Sharing from Mobile Devices

The pre-installed ViewBoard® Cast software enables direct content streaming from mobile devices to the display through wireless or wired networks, whether one-to-one, or many-to-one.

120% Rec. 709 Wide Color Gamut

ViewSonic's exclusive Cinema SuperColor+™ Technology features a wider color gamut that delivers lifelike colors, along with an ultra-fast 3,840 Hz refresh rate, 1.5 - 1.8 mm fine pixel pitch, slim profile, and greater contrast ratio for stunningly rich and clear images.

AV Control System Compatible for Efficient Management

This display is Crestron, Extron, AMX and myViewBoard Manager compatible, providing easy and efficient management of multiple display configurations from a PC via LAN connectivity.

	Traditional LED Displays	All-in-One LED Displays
Aspect Ratio	Irregular	Fixed 16:9 (1080p or 4K)
Thickness	> 110 mm	< 35 mm √
System Integration	No (Require various components and accessories)	Yes √ (All-in-One)
Installation Effort	High (> 2 people, > 4 hours)	Low √ (2 people, 2 hours)
Installation Flexibility	Low (Only wall mounted)	High √ (Wall mounted or Floor standing)
I/O Accessibility	Indirect (Through control box)	Direct √ (Plug n' Play)
Entry Barrier for Operation	High (Require specialized technician)	Low √ (Intuitive operation)
	Tedious & Complicated (Multiple steps to power on in > 10 minutes)	Fast & Easy √ (One click to power on in < 1 minute)

Specifications

MODEL NAME	LDM135-151	LDM163-181
Screen Size	135'''	163"
Display Area (mm)	3000 (H) x 1687.5(V)	3600 (H) x 2025(V)
Native Resolution	1920x1080	1920x1080
Panel Technology	Direct view LED	Direct view LED
Pitch Size (mm)	1.56	1.88
Refresh Rate	3,840 Hz	3,840 Hz
Brightness (max.)	600 nits (8 levels adujstable)	600 nits (8 levels adujstable)
Contrast Ratio (typ.)	6000:1	6000:1
Orientation	Landscape	Landscape
LED Lifetime (typ.)	100,000 Hours	100,000 Hours
Local Storage	Total 32GB (26GB available storage)	Total 32GB (26GB available storage)
Resolution Support	HDMI(640 x 480) to 1080p(1920 x 1080)	HDMI(640 x 480) to 1080p(1920 x 1080)
HDTV Compatibility	480i, 480p, 576i, 576p, 720p, 1080i, 1080p	480i, 480p, 576i, 576p, 720p, 1080i, 1080p
Horizontal Frequency	31-94 kHz	31-94 kHz
Vertical Scan Rate	56-85Hz	56-85Hz
INPUT		
HDMI	x2 (HDMI 1.4, HDCP 1.4)	x2 (HDMI 1.4, HDCP 1.4)
USB Type A	x3 (USB3.0 x1, USB2.0 x2)	x3 (USB3.0 x1, USB2.0 x2)
RJ45 Input (Internet)	x1	x1
Wi-Fi Input	2.4G/5G Hz	2.4G/5G Hz
OUTPUT		
HDMI out	x1 (HDMI 1.4, HDCP 1.4)	x1 (HDMI 1.4, HDCP 1.4)
Speaker	5W x2	5W x2
Audio out (3.5mm)	x1	x1
USB Type A (Power)	Shared with USB input (5V/1A x1, 5V/0.5A x2)	Shared with USB input (5V/1A x1, 5V/0.5A x2)
CONTROL		
RJ45 (LAN control)	x1 (shared with Internet)	x1 (shared with Internet)
USB Type A (Services)	x1 (shared with USB A Input)	x1 (shared with USB A Input)
USB Type B (Debug)	x1	x1
RS232 (DB 9-pin female)	x1	x1
IR Receiver	x1	x1
OTHERS		
Power Supply Voltage	100-120V/30A ~ 50/60Hz or 220-240V/15A ~ 50Hz, (vary by country)	100-120V/30A ~ 50/60Hz or 220-240V/15A ~ 50Hz, (vary by country)
Power Consumption	2030W (typ), 2900W (max) < 0.5W (Sleep), < 0W (Off)	1860W (typ), 2660W (max) < 0.5W (Sleep), < 0W (Off)
Operating Temperature	0~40°c	0~40°c
LED Module Quantity	100	144
Ingress Protection Rating	IP30	IP30
Net Weight	298 lbs (135 kg)	423 lbs (192 kg)
Gross Weight	529 lbs (240 kg)	661 lbs (300 kg)
Screen Dimensions (WxHxD)	118.9x71.1x1.4 inches(3020.95x1805.95x35 mm)	142.5x84.4x1.4 inches (3620.95x2143.45x35 mm)
Screen Dimensions (WxHxD) with wall mount	118.9x71.1x2.2 inches (3020.95x1805.95x56 mm)	142.5x84.4x2.2 inches(3620.95x2143.45x56 mm)
Packing Dimensions	70.9x33.5x29.3 inches (1800x850x745 mm)	82.7x33.5x32.1 inches (2100x850x815 mm)
OSD / User Guide Language	English, French, Spanish,German, Russian, Dutch, T-Chinese, S-Chinese, Turkish, Arabic, Total 10 languages	English, French, Spanish,German, Russian, Dutch, T-Chinese, S-Chinese, Turkish, Arabic, Total 10 languages
STANDARD ACCESSORIES		
Power Cord	x1	x1
USB Cable (A-B)	x1	x1
Remote Control	x1	x1
QSG	x1	x1
Wall Mount	x1	x1
Spare Parts	LED PCB Unit x2	LED PCB Unit x2
Maintenance Tool	LD-MK-001 x1	LD-MK-001 x1
OPTIONAL ACCESSORIES		
Maintenance Tool	LD-MK-001	LD-MK-001
Floor Stand	LD-STND-001	LD-STND-002
Motorized Trolley	LD-STND-101	N/A
ViewBoard Cast Button (USB-C)	VB-WPS-001	VB-WPS-001
ViewBoard Cast Button (USB-A + HDMI)	VB-WPS-003	VB-WPS-003

Specifications

MODEL NAME	LDM216-251
Screen Size	216"
Display Area (mm)	4800 (H) x 2700 (V)
Native Resolution	1920x1080
Panel Technology	Direct view LED
Pitch Size (mm)	2.5
Refresh Rate	3,840 Hz
Brightness (max.)	600 nits (8 levels adujstable)
Contrast Ratio (typ.)	6000:1
Orientation	Landscape
LED Lifetime (typ.)	100,000 Hours
Local Storage	Total 32GB (26GB available storage)
Resolution Support	VGA(640 x 480) to 1080p(1920 x 1080)
HDTV Compatibility	480i, 480p, 576i, 576p, 720p, 1080i, 1080p
Horizontal Frequency	31K-94 kHz
Vertical Scan Rate	56-85Hz
INPUT	
HDMI	x2 (HDMI 1.4, HDCP 1.4)
USB Type A	x3 (USB3.0 x1, USB2.0 x2)
RJ45 Input (Internet)	x1
Wi-Fi Input	2.4G/5G Hz
OUTPUT	
HDMI out	x1 (HDMI 1.4, HDCP 1.4)
Speaker	5W x2
Audio out (3.5mm)	x1
USB Type A (Power)	Shared with USB input (5V/1A x1, 5V/0.5A x2)
CONTROL	
RJ45 (LAN control)	x1 (shared with Internet)
USB Type A (Services)	x1 (shared with USB A Input)
USB Type B (Debug)	x1
RS232 (DB 9-pin female)	x1
IR Receiver	x1
OTHERS	
Power Supply Voltage	100-120V/30A ~ 50/60Hz or 220-240V/15A ~ 50Hz, (vary by country)
Power Consumption	3430W (typ), 4900W (max) < 0.5W (Sleep), < 0W (Off)
Operating Temperature	0~40°c
LED Module Quantity	128
Ingress Protection Rating	IP30
Net Weight	750 lbs (340 kg)
Gross Weight	992 lbs (450 kg)
Screen Dimensions (WxHxD)	189.8x110.9x1.4 inches (4820.95x2818.45x 35mm)
Screen Dimensions (WxHxD) with wall mount	189.8x110.9x2.2 inches (4820.95x2818.45x 56mm)
Packing Dimensions	109.4x33.5x40.2 inches (2780x850x1020mm)
OSD / User Guide Language	English, French, Spanish,German, Russian, Dutch, T-Chinese, S-Chinese, Turkish, Arabic, Total 10 languages
STANDARD ACCESSORIES	
Power Cord	x2
USB Cable (A-B)	x1
Remote Control	x1
QSG	x1
Wall Mount	x1
Spare Parts	LED PCB Unit x2
Maintenance Tool	LD-MK-001 x1
OPTIONAL ACCESSORIES	
Maintenance Tool	LD-MK-001
Floor Stand	N/A
Motorized Trolley	N/A
ViewBoard Cast Button (USB-C)	VB-WPS-001
ViewBoard Cast Button (USB-A + HDMI)	VB-WPS-003