

Expand Your Vision

All-in-One Direct View LED Displays



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 up to 216", larger-than-life images and simple setup, these displays are an innovative, all-in-one alternative to traditional video walls.

Common Issues for Traditional LED Video Wall Displays



Complicated Setup

- Integration between image stitching, power supply, and control systems
- Difficult-to-install hardware and software
- Long hours and technical barriers for IT team



Problematic Maintenance

- Large displays can be difficult to move for maintenance
- Time-consuming configuration and calibration for individual components
- Noticeable drop-off in quality after long-term use





Uncertain Quality

- Low transparency for product key information
- Variable supplier quality



Complex User Experience

- Require specialized technician to operate
- Lack of smart, integrated software solutions

	 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)

See Beyond the Ordinary - ViewSonic All-in-One Direct View LED Displays



Quality Performance



Great Visual Impression

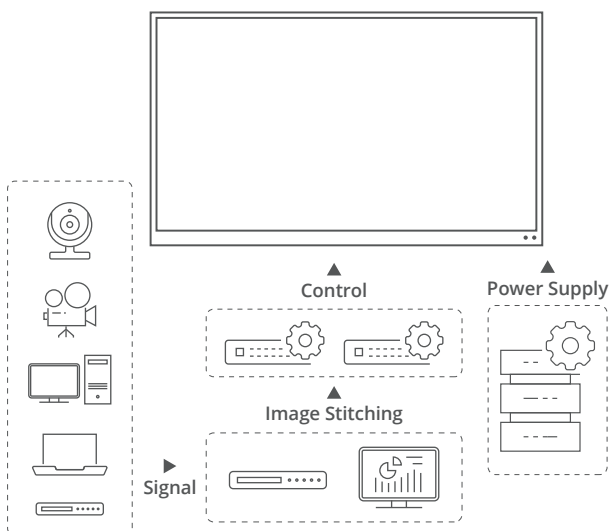


Easy Installation and Maintenance

A compliment to any grand enterprise interior design, the ViewSonic All-in-One Direct View LED Displays make a magnificent impression with huge screen sizes and immersive visuals produced by millions of mounted tiny LEDs for direct image production. These displays boast seamless, stunning image quality and the unique all-in-one modular design that dramatically simplifies delivery, installation, and maintenance.

Industry-Leading All-in-One Design for Fuss-Free Setup

Traditional

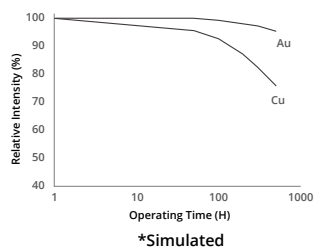


All-in-One



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. The modular design reduces the product size for easy delivery and allows for an equally simple installation process on arrival. These displays support swappable modules and control systems with 100% front maintenance.

Superior Quality and Performance



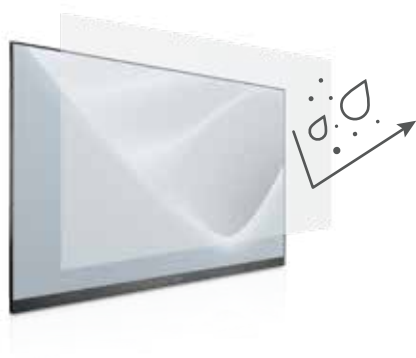
The Gold Standard for Superior Viewing Experience

ViewSonic's All-in-One Direct View LED Displays use gold (Au) bonding wires to enhance durability and product lifespan. A more stable material than the standard copper (Cu) ones, the gold conductor oxidizes at a slower rate – making them reliable and ideal for longer usage. The gold bonding wires allow the display to emit the same brightness on lesser power consumption and at a lower operation temperature.



Driven to Deliver Pixel-Perfect Performance

Integrated with a top-tier driver IC, the All-in-One LED Displays deliver silky-smooth visuals across the entire display for a more fluid viewing. Boasting an ultra-high refresh rate of up to 4,440Hz, there's no fear over image ghosting or motion blur.



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.



A Modern Look for Any Interior

1.4"/35 mm Ultra-slim ID, 0.4"/10 mm Frameless Edge

Thin, discreet, and bezel-less, the All-in-One Direct View LED Displays seamlessly deliver content and offer a minimalistic look that blends in harmoniously with almost any interior design style.



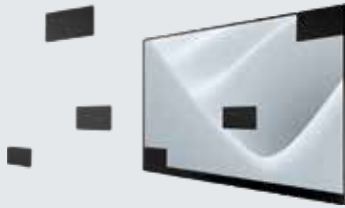
Unparalleled Viewing Experience

120% Rec. 709 Wide Color Gamut

ViewSonic's exclusive Cinema SuperColor+™ Technology features a wider color gamut that delivers lifelike colors, along with 1.2 - 2.5 mm fine pixel pitch, and greater contrast ratio for stunningly rich and clear images.

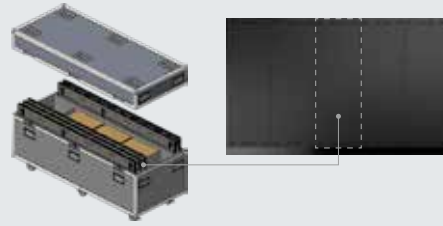
Easy Installation and Maintenance

Efficient Installation – 2 People, 2 Hours



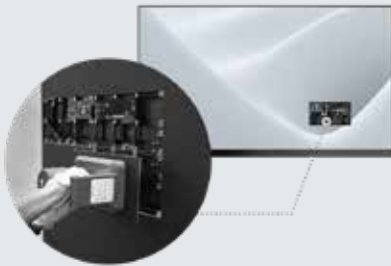
Auto-Configured Modular Design

Composed of 4-8 cabinets and multiple LED modules all packaged in a flight case for easy delivery and installation. When installed, each individual module auto-configures and calibrates its location and setting values within the display.



User-Friendly, Clutter-Free Assembly

Each cabinet consists of several sub-cabinets that have been pre-assembled with their respective wall mount brackets, network ports, and power cables, saving you time and effort wasted on labor-intensive connecting work.



Full Front Maintenance

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.



Reliable Operation 24/7

Boasting a 100K-hour lifespan, this professional-grade commercial display is designed for reliable use 24 hours a day, 7 days a week.

Flexibility for Diverse Applications



Wall Mounted



Floor Standing
(Optional)

User-Friendly Integrated Solution

Modern Technology with Ease



One Click to Power On Instantaneously

Bring the All-in-One Direct View LED Display to life in an instant with just one click.



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.

ViewSonic-Exclusive Software Suite



myViewBoard Display

- Wireless Screen Sharing
- Cross Sites Sharing
- Sharing to Multi-Screens



myViewBoard Manager

- Remote Management
- Broadcast Message / Image / Video
- Install / Uninstall Apps



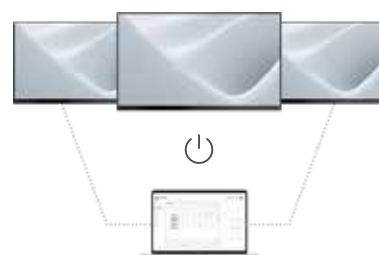
OTA

- Simple and Convenient Update
- Always Up-to-Date Functionality
- Secured Cloud Service (AWS)



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.



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.

Expand Your Vision for a Grand Workplace



108"

Meeting room - Medium

20-40 people. 50-100 m².

Minimum viewing distance: 9.8 ft (3.0 m)



135"

Meeting room - Large

20-40 people. 50-100 m².

Minimum viewing distance: 12.5 ft (3.8 m)



163"

Training room

60-100 people. 120-150 m².

Minimum viewing distance: 15.7 ft (4.8 m)



216"

Auditorium

100+ people. 150-300+ m².

Minimum viewing distance: 20.7 ft (6.3 m)

Specifications

MODEL NAME	LD108-121	LD135-151	LD163-181	LD216-251
Screen Size	108"	135"	163"	216"
Display Area (mm)	2400 (H) x 1350(V)	3000 (H) x 1687.5(V)	3600 (H) x 2025(V)	4800 (H) x 2700(V)
Native Resolution	1920x1080	1920x1080	1920x1080	1920x1080
Panel Technology	Direct view LED	Direct view LED	Direct view LED	Direct view LED
Pitch Size (mm)	1.25	1.56	1.88	2.50
Refresh Rate	Up to 4440 Hz	4440 Hz	4440 Hz	4440 Hz
Brightness (max.)	500 nits (8 levels adjustable)	600 nits (8 levels adjustable)	600 nits (8 levels adjustable)	600 nits (8 levels adjustable)
Contrast Ratio (typ.)	6000:1	6000:1	6000:1	6000:1
Orientation	Landscape	Landscape	Landscape	Landscape
LED Lifetime (typ.)	100,000 Hours	100,000 Hours	100,000 Hours	100,000 Hours
Local Storage	Total 32GB , (26GB available storage)	Total 32GB , (26GB available 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)	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	480i, 480p, 576i, 576p, 720p, 1080i, 1080p	480i, 480p, 576i, 576p, 720p, 1080i, 1080p
Horizontal Frequency	31-94 kHz	31-94 kHz	31-94 kHz	31-94 kHz
Vertical Scan Rate	56-85Hz	56-85Hz	56-85Hz	56-85Hz
INPUT				
HDMI	x2, (HDMI 1.4, HDCP 1.4)	x2, (HDMI 1.4, HDCP 1.4)	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)	x3, (USB3.0 x1, USB2.0 x2)	x3, (USB3.0 x1, USB2.0 x2)
RJ45 Input (Internet)	x1	x1	x1	x1
Wi-Fi Input	2.4G/5G Hz	2.4G/5G Hz	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)	x1, (HDMI 1.4, HDCP 1.4)	x1, (HDMI 1.4, HDCP 1.4)
Speaker	5W x2	5W x2	5W x2	5W x2
Audio out (3.5mm)	x1	x1	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)	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)	x1, (shared with Internet)	x1, (shared with Internet)
USB Type A (Services)	x1, (shared with USB A Input)	x1, (shared with USB A Input)	x1, (shared with USB A Input)	x1, (shared with USB A Input)
USB Type B (Debug)	x1	x1	x1	x1
RS232 (DB 9-pin female)	x1	x1	x1	x1
IR Receiver	x1	x1	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)	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	1330W (typ), 1900W (max), < 0.5W (Sleep), < 0W (Off)	2030W (typ), 2900W (max), < 0.5W (Sleep), < 0W (Off)	1860W (typ), 2660W (max), < 0.5W (Sleep), < 0W (Off)	3430W (typ), 4900W (max), < 0.5W (Sleep), < 0W (Off)
Operating Temperature	0~40°C	0~40°C	0~40°C	0~40°C
Ingress Protection Rating	IP30	IP30	IP30	IP30
Net Weight	194 lbs (88 kg)	298 lbs (135 kg)	423 lbs (192 kg)	750 lbs (340 kg)
Gross Weight	397 lbs (180 kg)	529 lbs (240 kg)	661 lbs (300 kg)	992 lbs (450 kg)
Screen Dimensions (WxHxD)	95.3x57.8x1.4 inches (2420x1468x35 mm)	118.9x71.1x1.4 inches (3020.95x1805.95x35 mm)	142.5x84.4x1.4 inches (3620.95x2143.45x35 mm)	189.8x110.9x1.4 inches (4820x2818x 35 mm)
Screen Dimensions (WxHxD) with wall mount	95.3x57.8x2.2 inches (2420x1468x56 mm)	118.9x71.1x2.2 inches (3020.95x1805.95x56 mm)	142.5x84.4x2.2 inches (3620.95x2143.45x56 mm)	189.8x110.9x2.2 inches (4820x2818x56 mm)
Packing Dimensions	57.9x33.5x26.8 inches (1470x850x680 mm)	70.9x33.5x29.3 inches (1800x850x745 mm)	82.7x33.5x32.1 inches (2100x850x815 mm)	109.4x33.5x40.2 inches (2780x850x1020 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	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	x1	x1
USB Cable (A-B)	x1	x1	x1	x1
Remote Control	x1	x1	x1	x1
QSG	x1	x1	x1	x1
Wall Mount	x1	x1	x1	x1
Spare Parts	LED PCB Unit x7	LED PCB Unit x7	LED PCB Unit x7	LED PCB Unit x7
Maintenance Tool	LD-MK-001 x1	LD-MK-001 x1	LD-MK-001 x1	LD-MK-001 x1
OPTIONAL ACCESSORIES				
Maintenance Tool	LD-MK-001	LD-MK-001	LD-MK-001	LD-MK-001
Floor Stand	LD-STND-003	LD-STND-001	LD-STND-002	N/A
Motorized Trolley	LD-STND-103	LD-STND-101	N/A	N/A
ViewBoard Cast Button (USB-C)	VB-WPS-001	VB-WPS-001	VB-WPS-001	VB-WPS-001
ViewBoard Cast Button (USB-A + HDMI)	VB-WPS-003	VB-WPS-003	VB-WPS-003	VB-WPS-003