ViewSonic® | Enterprise

Elevate Your Messaging

All-in-One Direct View LED Displays

LDP Premium Series

ViewSonic LDP 4K Direct View LED Displays

Ultra HD Premium Series

The ViewSonic® LDP series of 4K All-in-One Direct View LED Displays include premium 163" and 216" screen sizes with Harman Kardon speakers for an incredible audio-visual experience. With jaw-dropping screen sizes, ultra-slim bezels, and detachable system control boxes, these displays provide a stylish, minimalist design perfect for corporate lobbies and boardrooms, school auditoriums and gymnasiums, retail spaces and more. Installation can be done in either portrait or landscape mode, and for even more versatility, two of these displays can be easily installed side-by-side to form an ultra-wide 32:9 video wall of epic proportions.

A Larger-than-Life Audiovisual Experience

Seeing is believing with ViewSonic's innovative all-in-one 4K Direct View LED displays. With huge 163" and 216" screen sizes, these displays make a sizable impression with high-impact messaging.

- **Amazing Detail and Color:** Enjoy lifelike, stunning details and jaw-dropping color thanks to 4K Ultra HD resolution and 120% Rec. 709 wide color gamut. Advanced video features include 4K/HDR/HLG support, as well as PIP/PBP for additional content delivery versatility.
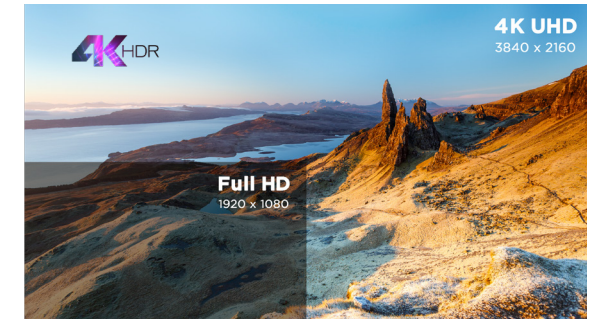
- **High Brightness and Contrast Ratio:** With 500 nits of adjustable brightness and a 20,000:1 contrast ratio, these displays create beautifully clear images even in rooms with high ambient light.

- **Theater-Level Audio:** Equipped with studio-grade Harman Kardon speakers, these displays deliver high-fidelity audio. The dual 20W sets of professional passive radiators, woofers and tweeters deliver impressive sound for a true audiovisual feast.
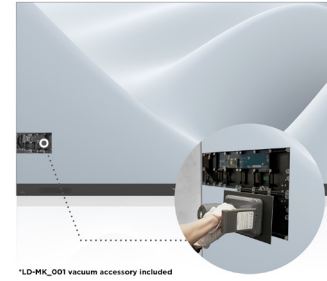
- **Seamlessly Immersive:** Measuring only 35mm thick and featuring a frameless 5mm bezel, these sleek displays deliver seamless content without lines or distortion for a more immersive visual experience.

Versatile Installation Options

An advanced all-in-one design features an integrated LED display, image stitching, power supply and control systems. This all-in-one design eliminates the need for a complicated setup process – all you need to do is turn on the display.

*LD-MK_001 vacuum accessory included

- **Quick and Convenient Module Replacement:** Instead of moving an entire display around for maintenance, the hot-swappable front LED modules allow users to change any defective piece. An included vacuum maintenance tool uses suction to easily remove and replace LED modules.

- **Modular Design:** Direct View LED displays are each composed of one main cabinet and multiple modular panels for easy installation. When installed, each individual panel auto-configures and calibrates its location and setting values within the display as a whole. Installation requires two people and can be done within 2 hours, saving time and labor.

- **Super-Sized Video Walls:** Two of these displays can be easily installed side-by-side to form an ultra-wide 32:9 video wall of epic proportions. That means you can have a seamless video wall that's over 30 feet wide (391") if installing two of our 216" screens.

1+1 32:9 Ultra-Wide Blending

- **Flexible Orientation:** These displays can be installed in either portrait or landscape mode for versatile placement in any space or setting.

Portrait Mode

- **Detachable System Control Box:** The control bar on the front of the display can be easily detached and hidden behind the display for a more streamlined appearance.

Without System Control Box

- **Sturdy and Durable Flight Case:** The included flight case provides secure protection of the Direct View LED display and its components during transport. The case can be wheeled into position at the installation location, making assembly of the Direct View LED display much easier.
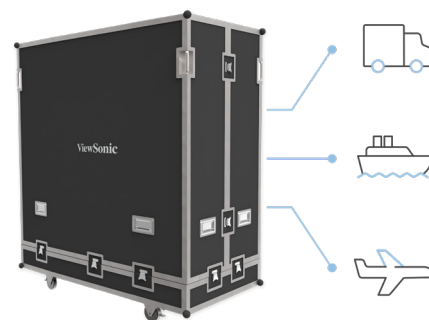

With System Control Box

Easy and Intuitive User Experience

With multiple ways to share and deliver content, these Direct View LED displays provide everything you need to deliver your messages quickly and easily.

- **Wireless Content Sharing from Virtually Any Device:** ViewSonic ViewBoard Cast™ software is pre-installed and enables content to be streamed from mobile devices onto the display over wireless or cable networks. Multiple users can simultaneously annotate content (such as documents, cloud files, multimedia, etc.) on their devices in real time, and then stream and share that content onto the Direct View LED display. One-to-one, one-to-many and 4-in-1 multi-screen casting options are available.

- **Efficient Deployment:** An HDBaseT receiver enables deployment at greater distances through a single cable, without compromising performance.

- **Embedded OS and Wi-Fi:** With a built-in OS and 2.4G/5GHz Wi-Fi, users can easily work in a familiar PC environment for app installation, web browsing, multimedia play, wireless device connection and more.

- **Content from Multiple Sources on a Single Screen:** An intuitive split-screen function makes video conferences and online collaborations more flexible and creative. The display also supports Picture-by-Picture (from up to 4 different inputs) or Picture-in-Picture (a screen within another screen) scenarios in real-time.*

*Both scenarios only work with HDMI source input.
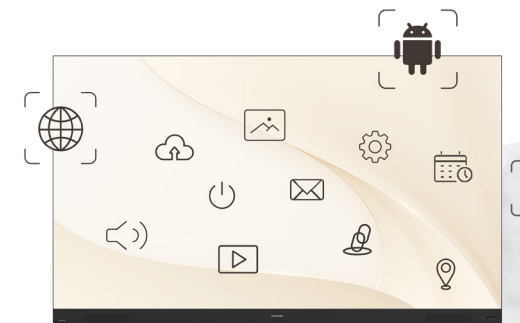
Picture-by-Picture

Picture-in-Picture

Innovative Chip-on-Board LED Technology

The latest development in LED packaging technology, Chip-on-Board (COB) LED panels feature multiple LED flip chips bonded directly to the substrate without bonding wires. Compared to Surface Mounted Device (SMD) technology, COB LEDs provide ultra-fine pixel pitch, enhanced resolution and higher luminous efficiency with less power consumption.

SMD : **COB** :

- **Enhanced Durability and Reliability:** The COB LED technology of these displays provides protection against moisture, dust and collisions for an Ingress Protection rating of IP54.

- **Wider Viewing Angles:** The flip chips used in COB LED technology allow for wider viewing angles of up to 170°.

Waterproof

Dust Proof

Anti-Collision

170°
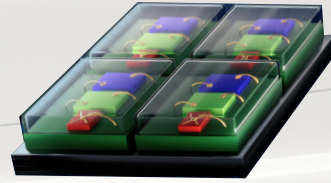
ViewSonic LDP 1080p Direct View LED Displays

Full HD Premium Series

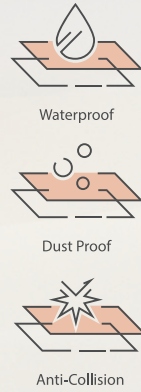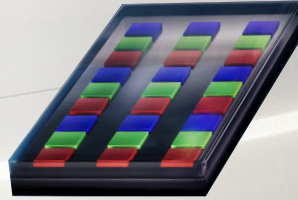Available in a wider variety of screen sizes including **135", 163" and 216"** models, our LDP series of Full HD 1080p Direct View LED Displays offer nearly all of the benefits of our 4K models, but at a lower price point.

- **Clear Visuals:** ViewSonic's proprietary SuperColor™ Technology features an exclusive wider color gamut that delivers 120% Rec. 709 color accuracy for amazing, lifelike color. An ultra-fast 4,440Hz refresh rate and greater contrast ratio also help to deliver smooth, stunning images.

1080 Resolution

- **Gold Standard Reliability:** Our Full HD 1080p Direct View LED displays feature gold bonded wiring that provides better contrast and collision protection when compared to panels with copper bonded wiring. In addition, gold does not corrode as easily as copper, which results in a longer lifespan and reliable 24/7 operation.

Gold (Au) Gold Bonding Wires

- **Seamlessly Immersive:** Measuring only 25mm thick and featuring a frameless 5mm bezel, these sleek displays deliver seamless content without lines or distortion for a more immersive visual experience.

25 mm

5 mm
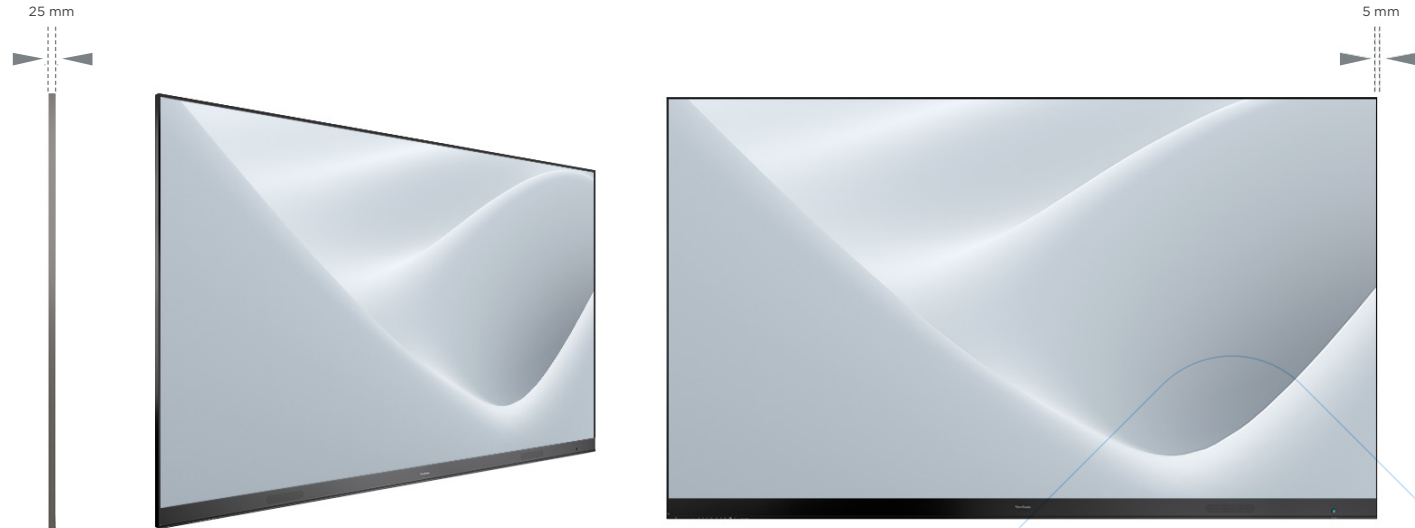
Pick your screen size, and that's it. From the LED tiles, to the AV hardware and software, power supplies, and cables, **everything works seamlessly together and is included in the box**. Simply pick the size and resolution that is right for your space.

SPECIFICATIONS	4K SERIES		1080P SERIES		
MODEL NAME	LDP163-091	LDP216-121	LDP135-151	LDP163-181	LDP216-251
Screen Size	163"	216"	135"	163"	216"
Display Area (mm)	3600 (H) x 2025 (V)	4800 (H) x 2700 (V)	3000 (H) x 1687.5 (V)	3600 (H) x 2025 (V)	4800 (H) x 2700 (V)
Native Resolution	3840x2160	3840x2160	1920x1080	1920x1080	1920x1080
Panel Technology	Direct View LED	Direct View LED	Direct View LED	Direct View LED	Direct View LED
LED Package Type	COB	COB	SMD 3 in 1	SMD 3 in 1	SMD 3 in 1
Bonding Wire	N/A	N/A	Gold	Gold	Gold
Pixel Pitch (mm)	0.93	1.25	1.56	1.88	2.5
Refresh Rate	3840Hz	3840Hz	4440Hz	4440Hz	4440Hz
Brightness (max.)	500 nits (8 levels adjustable)		600 nits (8 levels adjustable)		
Contrast Ratio (typ.)	20000:1	20000:1	6000:1	6000:1	6000:1
Orientation	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait	Landscape / Portrait
LED Lifetime (typ.)	100,000 Hours	100,000 Hours	100,000 Hours	100,000 Hours	100,000 Hours
Local Storage (Total/Available)	64GB/56GB	64GB/56GB	64GB/56GB	64GB/56GB	64GB/56GB
Resolution Support	VGA (640 x 480) to 4K (3840 x 2160)		VGA (640 x 480) to 1080p (1920 x 1080)		
HDTV Compatibility	480i, 480p, 576i, 576p, 720p, 1080i, 1080p, 2160P/60Hz				
INPUT					
HDMI	x6 (HDMI 2.1 x 1, HDMI 2.0 x 2,HDMI 1.4 x 2, HDMI 2.0 internal x1)				
USB Type-A	x3 (USB2.0 x3)				
RJ45 Input (Internet)	x1				
Wi-Fi Input	2.4G/5G Hz				
USB Type-C	x1 (Video input-Power output (5V/2A)				
Audio In (3.5mm)	x1				
HDBaseT	x1 (1080P@100m-4K30Hz@70m)				
OUTPUT					
HDMI Out	x2 (HDMI 2.0 external x1,internal x1)				
Speaker	20W x2 (Harman Kardon)				
Audio Out (3.5mm)	x1				
USB Type A (Power)	Shared with USB input (5V/1.5A x3)				
CONTROL					
RJ45 (LAN Control)	x1 (shared with Internet)				
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)				
Operating Temperature	0-40°C	0-40°C	0-40°C	0-40°C	0-40°C
Net Weight	493.8 lbs (224 kg)	925.9 lbs (420kg)	265 lbs(120 kg)	375 lbs (170 kg)	661 lbs (300 kg)
Gross Weight	731.9 lbs (332 kg)	1168.5 lbs (530 kg)	496 lbs(225 kg)	613 lbs (278 kg)	904 lbs (410 kg)
Screen Dimensions (WxHxD)	142.1x84.5x1.4 inches (3610 x 2145.3 x 35 mm)	189.3x111x1.4 inches (4810x2820.3x35 mm)	118.9x71.1x1 inches (3010 x 1807.5 x 25 mm)	142.5x84.5x1 inches (3610x2145.3x25mm)	189.4x111x1 inches (4810x2820x25 mm)
Screen Dimensions (WxHxD) with wall mount	142.5x84.5x3 inches (3610 x 2145.3 x 77 mm)	189.8x111x3 inches (4810x2820.3x77mm)	118.9x71.1x2.2 inches (3010 x 1807.3 x 57 mm)	142.5x84.5x2.2 inches (3610x2145.3x57mm)	189.4x111x2.2 inches (4810x2820x57mm)
OSD Language /User Guide Language	English, French, Spanish, German, Russian, Dutch, T-Chinese, S-Chinese, Turkish, Arabic, Total 10 languages				
STANDARD ACCESSORIES					
Power Cord	x1	x2	x1	x1	x2
LAN Cable (Cat 5A)	x1 (5m)				
IR Extender Cable	x1 (3m)				
Remote Control	x1				
Quick Start Guide	x1				
Wall Mount	x1				
Spare Parts	42	42	LED PCB Unit x7		
Maintenance Tool	LD-MK-002 x1		LD-MK-001 x1		
OPTIONAL ACCESSORIES					
Maintenance Tool	LD-MK-002 x1		LD-MK-001		
Floor Stand	LD-STND-007	N/A	LD-STND-006	LD-STND-007	N/A
ViewBoard Cast Button (USB-C)	VB-WPS-001				
ViewBoard Cast Button (USB-A+HDMI)	VB-WPS-003				

To Learn More
viewsonic.com (888) 881-8781
salesinfo@viewsonic.com

Connect With Us
twitter.com/viewsonic
facebook.com/viewsoniccorp

ViewSonic® | Enterprise