




# ViewSonic LDM163-182 Direct View LED Display Owner's Manual

[Home](#) » [Viewsonic](#) » ViewSonic LDM163-182 Direct View LED Display Owner's Manual 

## Contents

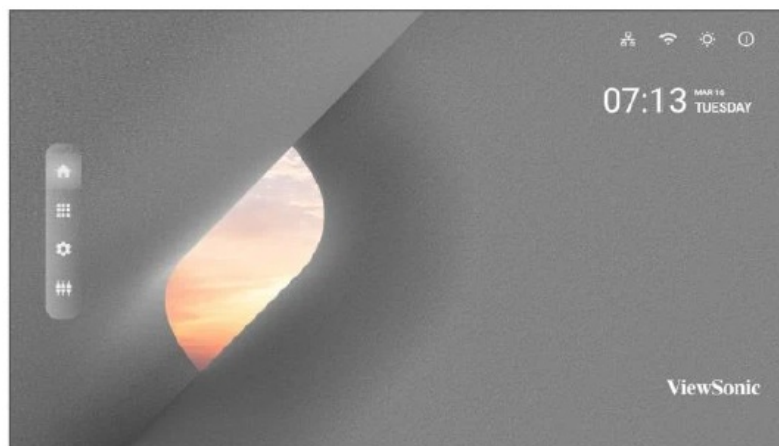
- [1 ViewSonic LDM163-182 Direct View LED Display](#)
- [2 Key Features](#)
- [3 Product Description](#)
- [4 Product Overview](#)
- [5 Specifications](#)
- [6 STANDARD ACCESSORIES](#)
- [7 Documents / Resources](#)
  - [7.1 References](#)
- [8 Related Posts](#)

# ViewSonic®

**ViewSonic LDM163-182 Direct View LED Display**



## Key Features



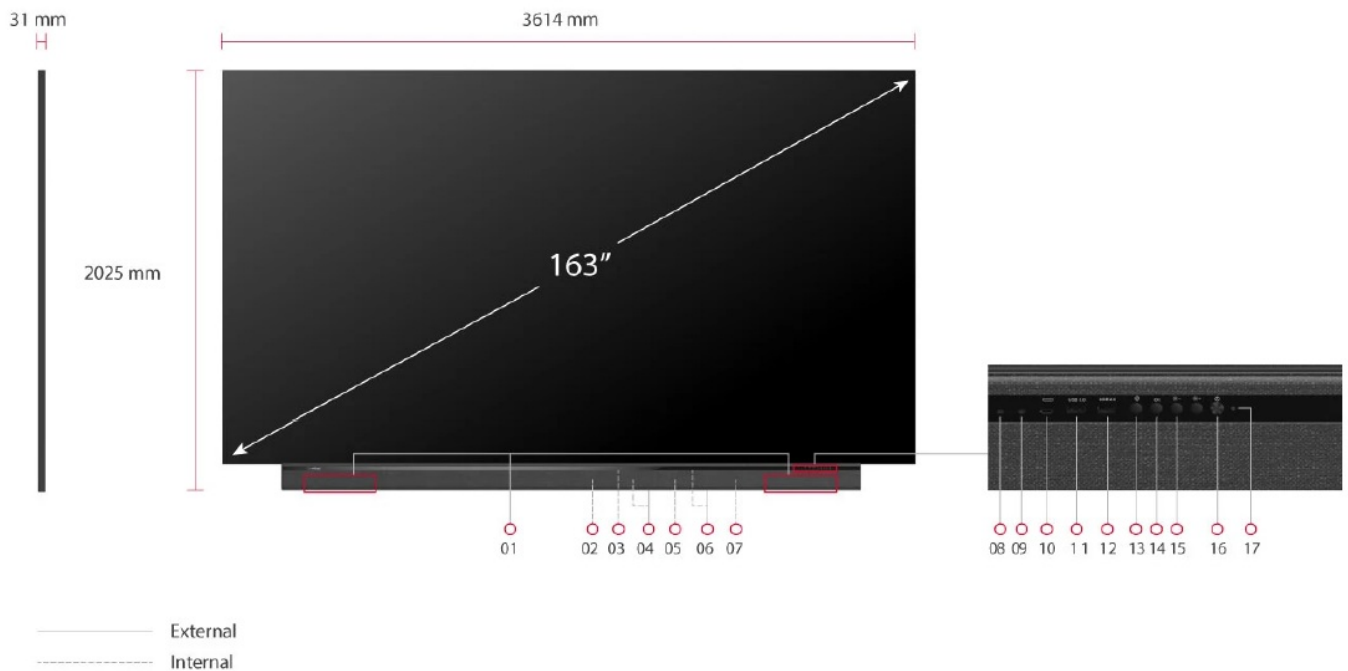
- 163" seamless large screen with high brightness and powerful speakers
- All-in-One integration for effortless installation
- Anti-collision, dustproof, and moisture-proof with GOB surface treatment
- Detachable system control box for a minimalist appearance and easy access
- Premium aesthetics with an ultra-slim and bezel-free design

## Product Description

The ViewSonic LDM163-182 is a cutting-edge 163" All-in-One LED display designed to elevate visual and auditory experiences in high-end corporate and educational environments. Boasting an impressive 600 nit brightness, a high 6,500:1 contrast ratio, and a 3,840Hz refresh rate, complemented by dual 30W speakers, it ensures exceptional clarity and immersive audio for every video, presentation, or lecture. The All in-One design seamlessly streamlines installation, allowing 2 people to set it up within 2 hours, thereby minimizing labor costs and downtime.

This display utilizes the Glue-on-Board (GOB) surface treatment technology, achieving an IP54 rating for enhanced protection from collisions, dust, and moisture. Featuring a 31mm ultra-slim design and 6mm thin bezels, the display offers a premium aesthetic and ensures an engaging viewing experience. Additionally, the detachable control box enables it to achieve a nearly 99% screen-to-body ratio, seamlessly integrating into any space while providing easy accessibility. Moreover, it supports PIP/PBP display and wireless casting capabilities, offering more flexibility for collaboration. Adding to its convenience, compatibility with AV control systems enables IT staff to remotely configure the display.

## Product Overview



1. Speakers
2. HDMI Out
3. SPDIF Out
4. HDMI In\*4
5. LAN
6. Audio Out\*2
7. IR Interface
8. Light Sensor
9. IR Receiver
10. USB-C
11. USB-A 3.0
12. USB-A 2.0
13. Menu Control: Setting
14. Menu Control: Enter
15. Menu Control: Brightness Level
16. Power Button
17. Indicator Light

## Specifications

- Screen Size: 163"
- Display Area (mm): 3600 (H) × 2025 (V)
- Native Resolution: 1920×1080
- Panel Technology: Direct view LED
- LED Package Type: SMD 3 in 1
- Bonding Wire: Copper
- Pixel Pitch (mm): 1.875
- Refresh Rate: 3840Hz
- Brightness (max.): 600 nits (100 levels adjustable)
- Contrast Ratio (typ.): 6500:1
- Orientation: Landscape
- Viewing Angles (typ.): H = 170, V = 170
- LED Lifetime (typ.): 100,000 Hours
- Local Storage: Total 32GB (26GB available storage)
- Embedded OS: Android 9.0
- Resolution Support: VGA(640 x 480) to 4k(3840 \* 2160@60hz)
- HDTV Compatibility: 480p, 576p, 720p, 1080p, 2160p
- Horizontal Frequency: 31K-94kHz
- Vertical Scan Rate: 56-85Hz

## INPUT

- **HDMI:** x4 (HDMI 2.0, HDCP 2.2) (internal x3 + external x1)
- **USB Type A:** x2 (USB3.0 x1, USB2.0 x1)
- **RJ45 Input (Internet):** x3 (internet x2, control x1)
- **IR in:** x1
- **Wi-Fi Input:** 2.4G/5G Hz
  - **USB Type C:** x1 (data only)

## OUTPUT

- HDMI out: x1 (HDMI 1.4, HDCP 1.4) (internal x1)

## OTHER

- Power Supply Voltage:
  - 100-120V/30A ~ 50/60Hz or
  - 220-240V/15A ~ 50Hz (vary by country)
- Power Consumption: 919W (typ), 2642W (max) < 0.5W (Off)
- Operating Temperature: 0~40°C
- LED Module Quantity: 144
- Ingress Protection Rating: IP54(Front)
- Net Weight: 456.35 lbs (227kg)
- Gross Weight: 795.87 lbs (361kg)

- Screen Dimensions (WxHxD): 142.2 x 80.2 x 1.2 inches (3612 x 2037 x 31mm)
- Screen Dimensions (WxHxD) with wall mount: 142.2 x 80.2 x 2.1 inches (3612 x 2037 x 53mm)
- Packing Dimensions (WxHxD): 88.58 x 48.81 x 39.37 inches (2250 x 1240 x 1000mm)

**STANDARD ACCESSORIES**

- Power Cord: x1
- LAN Cable (Cat 5A): x1
- IR Extender Cable: x1
- Remote Control: x1
- QSG: x1 (Installation guide)
- Wall Mount: x1
- Spare Parts: LED PCB Unit x10
- Maintenance Tool: LD-MK-003 x1
- LD-MK-004 x1

**OPTIONAL ACCESSORIES**


- Maintenance Tool: LD-MK-003 LD-MK-004
- Floor Stand: LD-STND-009
- ViewBoard Cast Button(USB-C): VB-WPS-001
- ViewBoard Cast Button(USBA+ HDMI): VB-WPS-003
- Speaker: 30Wx2
- Audio out (3.5mm): x2
- USB Type A (Power): Shared with USB input (5V/0.9A x1, 5V/0.5A x1, USB-C 5V/1A x1)

**CONTROL**

- RJ45 (LAN control): x1(shared with internet)
- USB Type A (Services): x1(shared with USB A input)
- RS232 (DB 9-pin female): x1
- IR Receiver: x1

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**Documents / Resources**

	<p><a href="#">ViewSonic LDM163-182 Direct View LED Display</a> [pdf] Owner's Manual LDM163-182 Direct View LED Display, LDM163-182, Direct View LED Display, View LED Display, LED Display, Display</p>
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**References**

-  [ViewSonic](http://ViewSonic)

- [User Manual](#)

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