

ViewSonic® DIRECT VIEW LED LDC031-250

Key Features

- Customizable screen size with All-in-One design for hassle-free installation
- Anti-collision, dustproof, and moisture-proof through GOB surface treatment
- Centralized and efficient management via LAN control
- Detachable system control box for minimalistic aesthetics and easy access
- Ultra-slim design that seamlessly blends into any space



Product Description

The ViewSonic LDC series is an innovative, customizable All-in-One LED display that offers flexible sizing and effortless installation—all in a single solution. Combine the LDC031-250 LED cabinet to create video walls in diverse aspect ratios and sizes, delivering compelling digital signage that brings your concepts to life. Its all-in-one design ensures a hassle-free installation process and intuitive operation. Using Glue-on-Board (GOB) surface treatment technology, the IP54-rated LED modules provide enhanced protection against collision, dust, and moisture — making it ideal for public spaces such as lobbies, shopping malls, and transportation hubs. With its slim 31mm thickness and a control box that can be detached to achieve a 99% screen-to-body ratio, this premium display offers an exceptional viewing experience with sleek aesthetics. Complete with centralized management through LAN connectivity to enhance operational efficiency.

1. USB 2.0	11. Internet	21. HDMI Out	31. USB-A 2.0
2. Power Key + LED Indicator	12. Service	22. SPDIF Out	32. Menu Control/Setting
3. Cabinet LAN Cable x18	13. RS-232	23. HDMI In x4	33. Menu Control/Enter
4. HDMI 2.0 Output x2	14. USB 2.0 x2	24. LAN	34. Menu Control/Brightness Level
5. DP 1.2 Output	15. Power Switch	25. Audio Out x2	35. Power Button
6. DP 1.2 Input	16. LAN Control	26. IR Interface	36. Indicator Light
7. HDMI 2.0 Input x3	17. Service	27. Light Sensor	
8. Optical	18. AC Out x4	28. IR Receiver	
9. IR Extended	19. AC In x2	29. USB-C	
10. Audio Out	20. Speakers	30. USB-A 3.0	

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SPECIFICATION

Screen Size:	31.5"
Panel Technology:	Direct view LED
LED Package Type:	SMD 3 in 1 (GOB)
Bonding Wire:	Copper
Pixel Pitch (mm):	2.5
Brightness (max.):	600 nits (100 levels adjustable)
Contrast Ratio (typ.):	6500:1
Color Temperature:	3000K -10000K
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 x 2160@60hz)
HDTV Compatibility:	480p, 576p, 720p, 1080p, 2160p
Horizontal Frequency:	31K-94kHz
Vertical Scan Rate:	56-85Hz

INPUT

HDMI:	4 (HDMI 2.0/HDCP 2.2) (internal x3, external x1)
USB Type A:	3 (USB3.0 x1, USB2.0 x2)
RJ45 Input:	3 (internet x2, control x1)
IR in (3.5mm):	1
Wi-Fi Input:	2.4G/5G Hz
USB Type C:	1 (data only)

OUTPUT

HDMI out:	1 (HDMI 1.4/HDCP 1.4) (internal x1)
Speaker:	30Wx2
Audio out (3.5mm):	2
S/PDIF:	1
USB Type A (Power):	Shared with USB A input (USB 3.0 5V/0.9A x1, USB 2.0 5V/0.5A x1, USB 2.0 5V/2A x1)
USB Type C (Power):	Shared with USB Type C input (5V/1A x1)

CONTROL

RJ45 (LAN control):	1(shared with internet)
USB Type A (Services):	1(shared with USB A input)
RS232 (DB 9-pin female):	1
IR Receiver:	1
Light Sensor:	1

OTHERS

Power Supply Voltage:	100-240V ~ 50/60Hz (vary by country)
Power Consumption (W/unit):	28W per cabinet (typ), 83W per cabinet (max), < 0.5W (Hibernate)
Power Consumption (W/m ²):	91W/m ² (typ), 270W/m ² (max)
Operating Temperature:	0~40°C
Total LED Module Quantity:	6 per cabinet
Ingress Protection Rating:	IP54(Front)
Impact Protection Rating:	IK06(Front)
Net Weight:	13.89 lbs (6.3kg) per cabinet

STANDARD ACCESSORIES

Control Box:	LD-SCB-023
Power Cord:	By Configuration
LAN Cable (Cat 5E):	1
IR Extender Cable:	1
Remote Control:	1
Installation Guide:	1
Wall Mount:	1
Spare Parts:	LED module 7% 3 in 1 hub board x1
Maintenance Tool:	LD-MK-004 x1 LD-MK-006 x1

OPTIONAL ACCESSORIES

Control Box:	LD-SCB-011 LD-SCB-021
Maintenance Tool:	LD-MK-004 LD-MK-006
Floor Stand:	LD-STND-009 (support 4x3/4x4/5x3/5x4/6x3/6x4)

