

ViewSonic  DIRECT VIEW LED
LDC027-180

Key Features

- Customizable screen size with All-in-One design for hassle-free installation
- LED cabinets with a native 16:9 aspect ratio for easy configuration of 4K and FHD resolutions
- 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



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 LDC027-180 LED cabinets to create video walls in diverse aspect ratios and sizes, delivering compelling digital signage that brings your concepts to life. Each cabinet features a native 16:9 aspect ratio, enabling easy display configurations in 4K and FHD resolutions for seamless content display. The display's 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.

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|------------------------------|------------------|------------------|----------------------------------|
| 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 ControlSetting |
| 3. Cabinet LAN Cable x18 | 13. RS-232 | 23. HDMI In x4 | 33. Menu ControlEnter |
| 4. HDMI 2.0 Output x2 | 14. USV 2.0 x2 | 24. LAN | 34. Menu ControlBrightness 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:	27"
Panel Technology:	Direct view LED
LED Package Type:	SMD 3 in 1 (GOB)
Bonding Wire:	Copper
Pixel Pitch (mm):	1.875
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):	23W per cabinet (typ), 69W per cabinet (max), < 0.5W (Hibernate)
Power Consumption (W/m²):	114W/m² (typ), 341W/m² (max)
Operating Temperature:	0~40°C
Total LED Module Quantity:	4 per cabinet
Ingress Protection Rating:	IP54(Front)
Impact Protection Rating:	IK06(Front)
Net Weight:	11.023 lbs (5kg) 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 4x4/4x5/4x6/ 5x4/5x5/5x6/ 6x4/6x5/6x6)

