ViewSonic®

DIRECT VIEW LED
LDC027-120

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 LDC027-120 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.

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

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SPECIFICATION

Screen Size:	27"
Display Area (mm):	600 (H) x 337.5(V)
Native Resolution:	480x270
Panel Technology:	Direct view LED
LED Package Type:	SMD 3 in 1 (GOB)
Bonding Wire:	Copper
Pixel Pitch (mm):	1.25
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 x 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)
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

OTHERS

Power Supply Voltage:	100-120V/30A ~ 50/60Hz or 220-240V/15A ~ 50Hz (vary by country)
Power Consumption:	72W per cabinet, < 0.5W (Hibernate)
Operating Temperature:	0~40℃
LED Module Quantity:	4 per cabinet
Ingress Protection Rating:	IP54(Front)
Net Weight:	11.023 lbs (5kg) per cabinet
Product Dimensions (WxHxD):	23.62x13.29x1.2 inches (600 x 337.5 x 31mm) per cabinet

STANDARD ACCESSORIES

Power Cord:	x1
LAN Cable (Cat 5E):	x1
IR Extender Cable:	x1
Remote Control:	x1
QSG:	x1 (Installation guide)
Wall Mount:	x1
Spare Parts:	LED module 7%
Maintenance Tool:	LD-MK-004 x1 LD-MK-006 x1

OPTIONAL ACCESSORIES

Maintenance Tool:	LD-MK-004 LD-MK-006
Floor Stand:	LD-STND-009 (support 4x4/4x5/4x6/ 5x4/5x5/5x6/ 6x4/6x5/6x6)