ViewSonic®

DIRECT VIEW LED

LDC031-180

Key **Features**

- Customisable screen size with All-in-One design for hassle-free installation
- Anti-collision, dustproof, and moisture-proof through GOB surface treatment
- Centralised 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, customisable All-in-One LED display that offers flexible sizing and effortless installation—all in a single solution. Combine the LDC031-180 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 centralised management through LAN connectivity to enhance operational efficiency.

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SPECIFICATION

Screen Size:	31.5"
Display Area (mm):	320 (H) x 160(V)
Native Resolution:	348x261
Panel Technology:	Direct view LED
LED Package Type:	SMD 3 in 1
Bonding Wire:	Copper
Pixel Pitch (mm):	1.8
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)
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) (TBD)
Power Consumption:	37W (typ), 105W (max) pre cabinet < 0.5W (Off) (TBD)
Operating Temperature:	0~40℃
LED Module Quantity:	6 pre cabinet
Ingress Protection Rating:	IP54(Front)
Net Weight:	6.2kg pre cabinet
Screen Dimensions (WxHxD):	25.2 x18.9x1.2 inches pre cabinet (640 x 480 x 31mm) (TBD)

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 x7%
Maintenance Tool:	LD-MK-004 x1

OPTIONAL ACCESSORIES

Maintenance Tool:	LD-MK-004
Floor Stand:	LD-STND-009 (support 4x4/5x4/6x4)
ViewBoard Cast Button(USB-C):	VB-WPS-001
ViewBoard Cast Button(USB-A+HDMI):	VB-WPS-003