



\* All images in this datasheet are for illustrative purposes only and may differ from the actual product.

**LG LED All-in-One Essential Series LAEC**



# LG LED All-in-One Essential Series

**1** All-in-One LED Screen

Dedicated Accessories

Compatible with **LG One:Quick** | Share

Built-in Speaker

Easy Installation  
Quick Maintenance

TAA Compliant

Cabinet	LAEC
Inch	136"
Pixel Pitch	1.56 mm
Brightness	500 nits
Screen Resolution	1,920 × 1,080
Serviceability	Front
Speaker	Built-in
Controller	Embedded



### All-in-One LED SCREEN

The LAEC is a 136-inch all-in-one large-screen package that includes an embedded controller, easy-to-reach HDMI connectors and a built-in speaker. You can think simply about this LG DVLED screen, because after the simple installation process, all you need to do is to turn on the screen with the remote control like a home TV.

### QUICK MAINTENANCE

Front-access service allows LED modules to be detached simply with the included magnetic tool and replaced quickly without cabling.



### LG One:Quick<sup>share</sup> SCREEN SHARING SOLUTION

LG One:Quick Share is a wireless screen sharing solution available on the LAEC series, using a USB accessory and its software app. Simply share your PC screen to the display pressing the USB accessory button and adjust basic setting values (volume, picture mode, auto bright, etc.) of the connected display as needed without a remote control. The software also features Office Meeting Mode\*\* which automatically displays the meeting agenda and notes before the meeting starts.

\* Users need to set up Soft AP enabled at Network Menu of the Signage.  
 \*\* Users can enable Office Meeting Mode at EZ Setting Menu of the Signage.  
 \*\*\* LG One:Quick Share needs to be purchased separately.



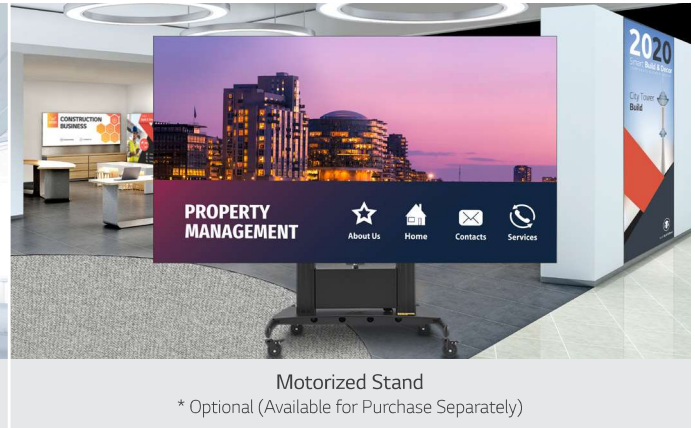
### EASY INSTALLATION

The installation process of the All-in-one Essential series is very simple. After securing two cabinets which are included in the flight kit, attach each LED display module to them. Lastly, plug in the power cable. This hassle-free installation saves time and labor, thereby making users handle the LED screen with ease. In addition, the fact that this massive 136" screen only uses two cabinets helps minimize variations and

\* Fixing screws or installing wall mount / accessories is needed additionally.



Flight Case & Landscape Wall Mount



Motorized Stand

\* Optional (Available for Purchase Separately)

## DEDICATED INSTALLATION ACCESSORIES

Unlike some signage products that are delivered in cardboard boxes wrapped on shipping pallets, this model ships ready-to-assemble in a professional, wheeled flight case making it easier to transport inside your facility without the need for a pallet jack. The all-in-one case includes every component necessary, including the landscape wall mount and tools for installation. Also available for this screen is a mobile stand on wheels. This optional accessory allows screen mobility after installation, so you can easily place it wherever the team needs to meet. The stand has a motorized height adjustment that allows you to easily change the height of the display over a foot and a half to comfortably accommodate either sitting or standing audiences.



## SIMPLE POWER CONNECTION

The LAEC series is operated with a single or double AC cable\* without the need for a complicated power connection and enables neat installation.

\* Two AC cables are needed for 110V AC.

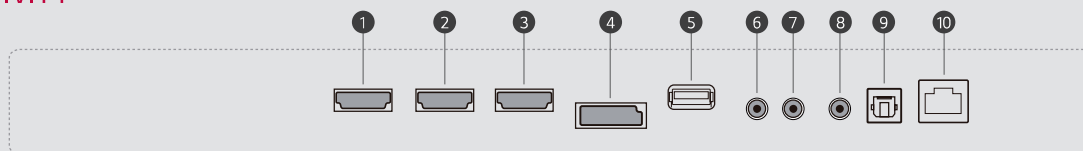


## REAL-TIME LG ConnectedCare

Maintenance is easy and fast with the optional LG ConnectedCare\* service, a cloud service solution provided by LG. It remotely manages the status of displays in client workplaces for fault diagnosis and remote-control services, enabling the stable operation of clients' businesses.

\* The availability of LG ConnectedCare differs by region.

## CONNECTIVITY



- 1 HDMI 1
- 2 HDMI 2
- 3 HDMI 3

- 4 DP-IN
- 5 USB 2.0 IN
- 6 RS-232C IN

- 7 RS-232C OUT
- 8 IR & LIGHT SENSOR IN
- 9 OPTICAL DIGITAL AUDIO OUT

- 10 LAN

\* Jack Panels may differ from the above image, so please contact LG sales team to verify before ordering.

	MODEL NAME	LAEC015-GN
PHYSICAL PARAMETERS	Pixel Configuration	3 in 1 SMD
	Pixel Pitch	1.5625 mm
	Screen Resolution	1920 x 1080
	Module Dimensions (W x H)	250 x 281.25 mm
	Modules per Screen (W x H)	12 x 6 (Total 72)
	Screen Resolution (WxH)	1920 x 1080
	Screen Dimensions (W x H x D)	118.1 x 66.4 x 1.4 in 3,000 x 1687.5 x 36.5 mm
	Screen Dimensions Including Bezel (W x H x D)	118.3 x 66.6 x 1.4 in 3,004.6 x 1692.1 x 36.5 mm
	Screen Surface Area	54.5 ft <sup>2</sup> / 5.0625 m <sup>2</sup>
	Weight of the screen	284.4 lbs / 129 kg
	Physical Pixel Density	409,600 pixels/m <sup>2</sup>
	Flatness of Unit Case	±0.2 mm
	Unit Case material	Aluminum
	Service access	Front
	OPTICAL SPECIFICATIONS	Built-in Speakers
Brightness		500 nits
Color Temperature		7,300 K
Visual Viewing Angle (Horizontal)		160°
Visual Viewing Angle (Vertical)		160°
Brightness Uniformity		98%
Color Uniformity		±0.015Cx,Cy
Contrast Ratio		3,000
ELECTRICAL SPECIFICATIONS	Processing Depth	16 bit
	Max Power Consumption	2,000 W/Screen   395 W/m <sup>2</sup>   1,348 BTU/m <sup>2</sup>
	Average Power Consumption	800 W/Screen
	Max Power Consumption per Hour	6,824 BTU/Screen
	Average Power Consumption per Hour	2,730 BTU/Screen
	Power Supply	100 to 240 V
	Frame Rate	50 / 60 Hz
OPERATION SPECIFICATIONS	Refresh Rate	≥ 2,880 Hz
	LED Lifetime (Half Brightness)	100,000 hours
	Operating Temperature	"32 to 104 °F 0 to 40 °C"
	Operating Humidity (without condensation)	< 90% RH
	IP rating Front	IP30
WARRANTY & OTHER	IP rating Rear	IP20
	Warranty	3 Year Limited
	Regulatory	FCC   CE
	Environment	RoHS   REACH
	Embedded Controller	webOS
Connectivity	HDMI (x3), DP (x1), USB, LAN, RS232C In/Out, IR, SPDIF	