



* All images in this datasheet are for illustrative purposes only.



High-Brightness Open-Frame Display 55XF3P

Customizable Open-Frame Display for Smart Efficiency



Anti-Discoloration



Energy Efficiency



High Reliability



3,000 nits
High Brightness



webOS Platform



Smart Monitoring
& Control

55XF3P

Screen Size / Panel	55" / IPS, M+
Native Resolution	1,920 × 1,080 (FHD)
Brightness	3,000 nits (Typ.), 2,400 nits (Min.)
Portrait / Landscape	Yes / Yes
Dimension / Weight	1,235.5 × 709.4 × 106.8 mm (W × H × D) / 26.5 kg
Key Features	Slim Design, Conformal Coating, Auto Brightness Control

Light on Every Frame, Every Business



Open-Frame Type



Open-Frame Outdoor Display

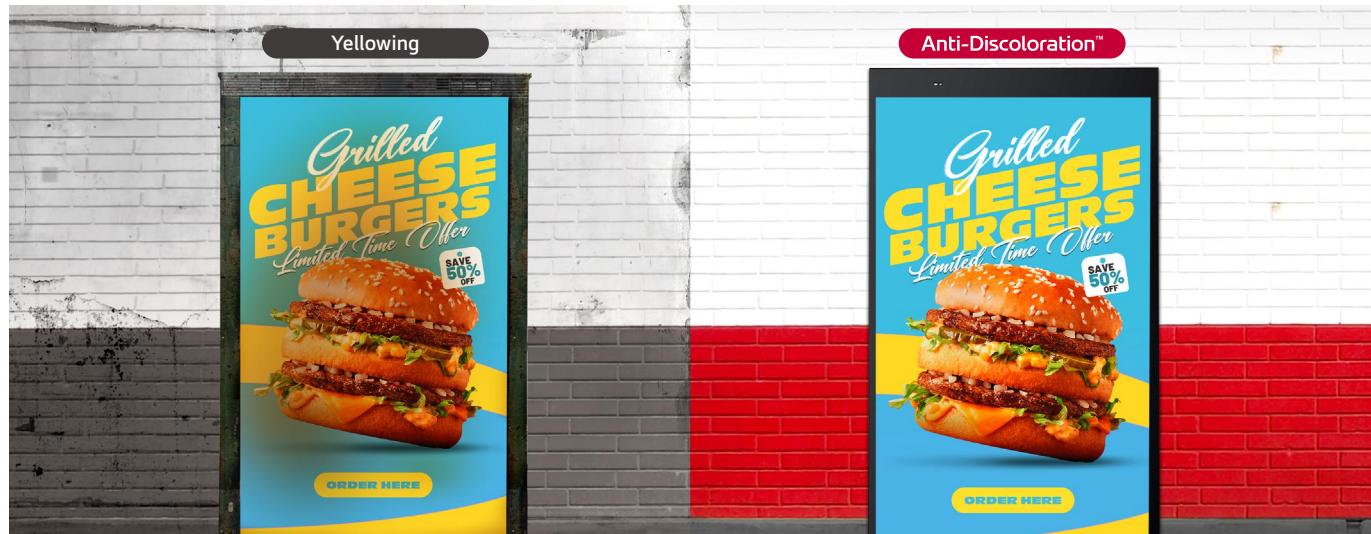
LG Open Frame display empowers you to personalize not only the casing design but also the function, granting you the flexibility to tailor the display to your exact preferences.

* Please reach out to your local sales representatives for detailed casing guide.

Stay Bright, Stay Ahead



Anti-Discoloration



World's First UL Verification for Display Anti-Discoloration Characteristics

By focusing on the pain points of our customers, we obtained the world's first UL Verification for Display Anti-Discoloration Characteristics. Our new technology helps prevent 'screen-yellowing', while maintaining display quality and performance stability.

* World's first UL Verification in the manufacturing industry

** For more details about UL Verification, please visit <https://verify.ul.com/verifications/1382>.

*** The comparison images are simulated for illustrative purposes only and do not represent the actual performance of the products.

Always Bright, Always in Sight



3,000 nits High Brightness



Polarized Sunglasses



High Visibility Under Strong Sunlight

With outstanding high brightness of 3,000 nits (Typ.), the XF3P outdoor display delivers content clearly while captivating passerby. In addition, its outdoor visibility can deliver a variety of information even to those wearing polarized sunglasses.

High Performance, Low Cost



Energy Efficiency



webOS 6.1



Efficient Energy Management

The screen brightness is automatically adjusted depending on the ambient light. The brightness is increased in light for better visibility, while it is decreased in darkness for efficient power management. Also, XF3P uses M+ panel that can offer high energy efficiency and cost savings by decreasing power consumption.

* M+ IPS reduced approximately 35% BLU Power consumption (IEC62087, 10 min) compared to RGB IPS, tested under same brightness (@fullwhite, 400 nits). The test was conducted internally.

** Specific features can differ from circumstances.

*** Actual results may vary depending on the use environment.



High-Performance with webOS 6.1

Quad Core SoC (System-on-Chip) can execute several tasks at the same time without a separate media player. In addition, webOS 6.1 platform enhances not only user convenience with intuitive UI but also web-app integration with updated Node JS/ Chromium version.

Long-Lasting and Trustworthy



Wide Operating Temperature



Conformal Coating



Customized Casing



Wide Range of Operating Temperature

The XF3P can be used under a wide range of operating temperature from 0°C to 50°C.

* Conducted by LG internal test, Operating temperature: 0°C~50°C (without direct sunlight; with direct sunlight in cooling system), 0°C~40°C (with direct sunlight)

** Actual performance may vary depending on the use environment.



Conformal Coating

Conformal Coating* protects the circuit board and power board against dust, iron powder, humidity, etc.

* Thin protective films/breathing membranes that filter water vapor and solid debris



Installation Guide for a Customized Casing

LG offers an installation guide for designing a customized casing to ensure stable performance for outdoor displays. It includes information about the size of ventilation and the location of partitions within the casing.

* All images in this datasheet are for illustrative purposes only.

Control with Ease, Even from Afar



Smart Monitoring & Control



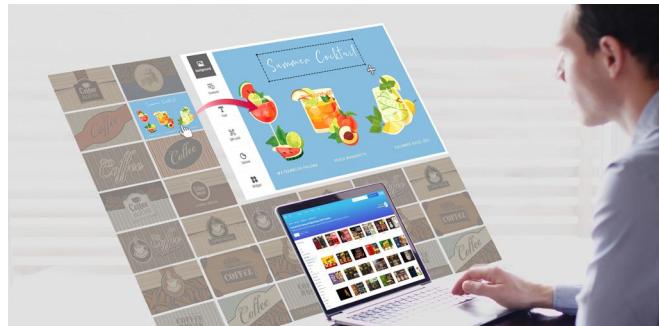
Web Monitoring

The LG Control Manager, the embedded web monitoring program, is user-friendly and enables the user to have full access anywhere at anytime from their mobile phone or PC while having access to both current and past data. It allows the user to monitor the unit, make adjustments, and control the unit remotely in real time.

* Enabled by wired LAN connection

LG ConnectedCare

LG SuperSign Cloud



Professional Content Partners

Pairing the XF3P with LG SW solutions would enhance its utilization.

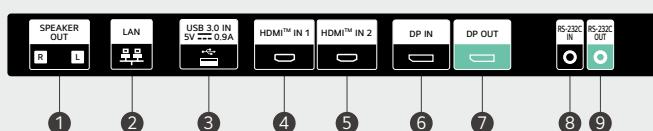
* Sold separately



* All images in this datasheet are for illustrative purposes only.

CONNECTIVITY

55"



① SPEAKER OUT

② LAN

③ USB 3.0 IN

④ HDMI IN 1

⑤ HDMI IN 2

⑥ DP IN

⑦ DP OUT

⑧ RS-232C IN

⑨ RS-232C OUT



⑩



⑩ AC



Download
LG Digital Connect
Mobile App
Google Play



www.lg.com/global/business/information-display
www.youtube.com/c/LGECommercialDisplay
www.facebook.com/LGInformationDisplay
www.linkedin.com/company/lginformationdisplay

LG may make changes to specifications and product descriptions without notice. Copyright © 2025 LG Electronics Inc. All rights reserved. "LG Life's Good" is a registered trademark of LG Corp. The names of products and brands mentioned here may be the trademarks of their respective owners.

