









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

High-brightness Open-frame Display 86XF3CK



Boost Your Outdoor Advertising with a Large Dual-view Display

-  Anti-Discoloration
-  Polarized Sunglasses
-  Long-lasting High Performance
-  Double-sided Screen
Ultra HD Resolution
-  3,300 nits
High Brightness
-  Web-based
Monitoring Solution

86XF3CK

Screen Size / Panel	86" IPS
Native Resolution	3,840 × 2,160 (UHD)
Brightness	3,300 nits
Portrait / Landscape	Yes / No
Dimension / Weight	1,202.8 × 2,003 × 229.18 mm (W × H × D) / 201.8 kg
Key Features	Temperature Sensor, Auto Brightness Sensor, Smart Brightness Compensation

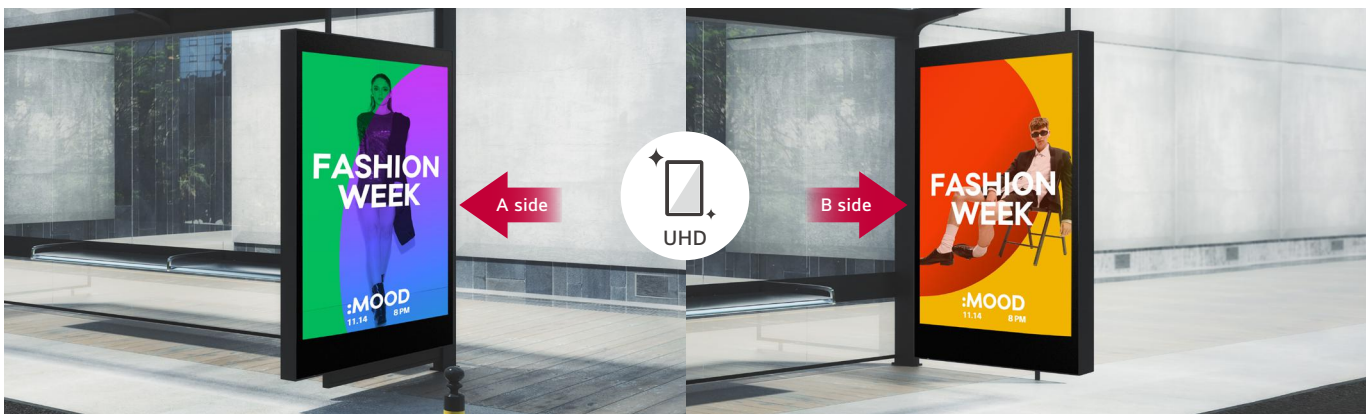


World's First UL Verification for Display Anti-Discoloration Characteristics

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 safeguarding display quality and performance stability.

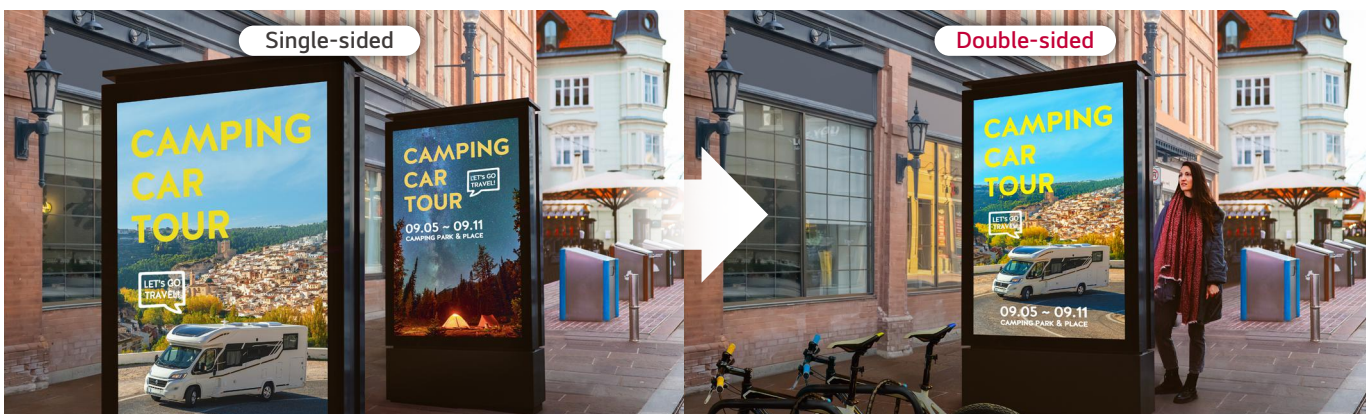
* World's first UL Verification in the manufacturing industry

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



Double-sided Screen with Ultra HD Resolution

86XF3CK features a dual-view screen with a UHD resolution which makes the color of images and videos clear. The IPS panel allows users to view screen at various angle.



Outdoor Advertisement Utilization

86XF3CK can help save space since it has the advertising impact of installing 2 signages with a single signage. The double-sided display allows the targeting of customers standing on either opposing side, thus increasing space utilization. It can be used as an effective marketing tool especially in narrow spaces such as bus stops or sidewalks where space utilization is important.



High Visibility Under Strong Sunlight

With outstanding high brightness of 3,300 nits (Typ.), the 86XF3CK outdoor display delivers contents clearly while captivating passersby. In addition, its outdoor visibility can deliver a variety of information even to those wearing polarized sunglasses.



Open-frame Type Display

86XF3CK is an open-frame type high brightness displays to give customers flexibility in exterior of casing such as colors or design.



Easy Operation Control (Multi Display Control)

Multiple device controls are available through the RJ45 & RS-232C ports. It means that even double-sided displays can be easily controlled simultaneously with a remote control.

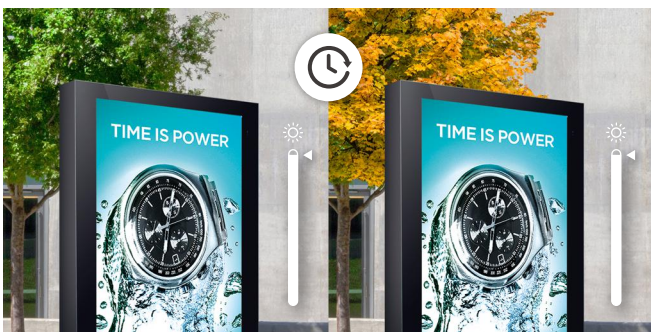


Wide Range of Operating Temperature

The display offers superb reliability under a wide range of operating temperatures, which also goes through LG's solar test* which causes a lot of thermal energy. So the 86XF3CK requires fewer constraints for outdoor installations** which are usually exposed to strong sunlight and various environmental changes.

* 86XF3CK is LG-internally tested based on international environment test standard IEC 600680205, MIL-STD-810G and TTA (Telecommunication Technology Association).

** 86XF3CK needs to be installed inside a casing according to LG's official installation guide to be used safely and appropriately. The installation guide is provided by LG.



Smart Brightness Compensation

The built-in BLU* sensor frequently measures the brightness of the display and automatically compensates for reduced brightness during operation.

* Back Light Unit



Conformal Coating

Conformal Coating* improves reliability of the circuit board, power board by protecting it against humidity.

* Conformal Coating : Thin protective films/breathing membranes that filter water vapor.



Smart Brightness Control

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.



Electrical Safety

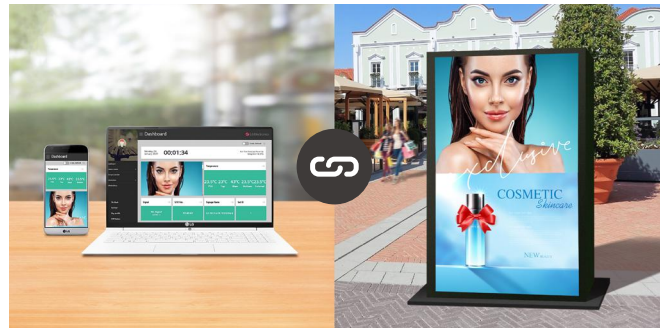
Circuit breaker inside 86XF3CK minimizes the possibility of product damage by cutting off current when abnormal current is detected.



High-Performance with LG webOS 6.0

LG webOS 6.0, upgraded in SoC* and web engine, is available on 86XF3CK for a smooth execution of several tasks. LG webOS smart signage platform enhances user convenience with intuitive GUI.** This also enables the easy management of doubled-sided sending.

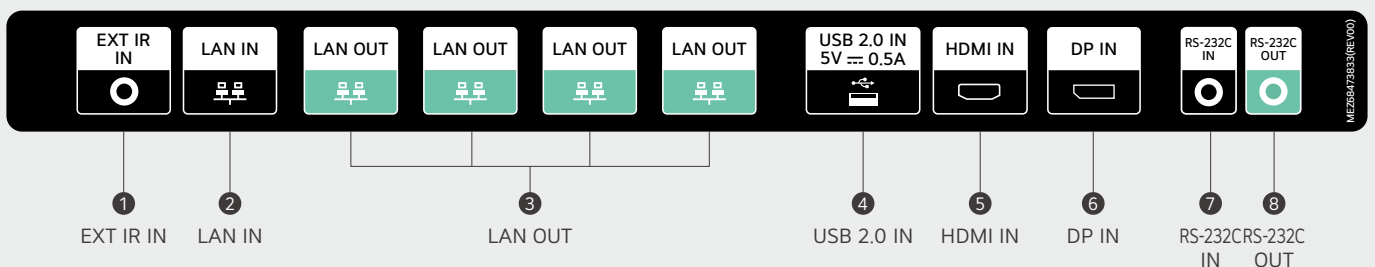
* SoC : System On Chip
 ** GUI : Graphical User Interface



Web Monitoring (Control Manager)

This is a web-based monitoring solution, which provides easy control for the user. It enables users to have full access anywhere, anytime from their mobile phone & PC as long as they're connected to a network to monitor and control the displays remotely in real-time. Both side of displays can be controlled by multi display control.

CONNECTIVITY



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