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LG ELECTRONICS LAUNCHES ULTRA-LOW POWER 'LG E-PAPER DISPLAY' FOR COMMERCIAL SPACES

*Red Dot Award-Winning Solution Boasts Paper-Like Design,
Energy Efficiency and Flexible Content Management*

News Summary

- In advance of the 2026 InfoComm trade show, LG Electronics has unveiled the “LG E-Paper Display,” designed for diverse commercial environments.
- The Red Dot Award-winning display comes equipped with an ultra-low-power SoC and a high-capacity battery, enabling extended operation that requires power only when updating content.
- Designed to emulate the look and feel of paper posters, the display comes in a slim form factor (0.3 inches at its thinnest) that facilitates smooth spatial integration.
- This webOS-based signage management solution allows convenient remote management of display settings and content updates, while LG SuperSign CMS software facilitates simultaneous content distribution across multiple E-Paper Display units.

LINCOLNSHIRE, Ill., May 28, 2026 — Commercial display solutions leader [LG Electronics](#) has launched the LG E-Paper Display, a Red Dot Award-winning solution to help businesses modernize static signage for efficiency, flexibility and ease of management.

Available in the United States this summer, the display combines a paper-like design with smart power management and webOS-based content control to simplify updates and reduce operational overhead. The LG E-Paper Display will be demonstrated in the United States for the first time next month at InfoComm 2026 (LG booth C7836).

Core Technology and Ultra-Low Power Efficiency

The LG E-Paper Display features a 32-inch QHD (2560 x 1440) resolution screen with a 16:9 aspect ratio. It uses electronic ink panel technology, which forms images by

moving and positioning electrically charged color particles through an electric field. The display consumes power only when updating on-screen content, significantly lowering energy consumption. Its ability to support dynamic content updates while reducing reliance on printed promotional materials – such as point-of-purchase displays and in-store signage – makes the solution well-suited for commercial indoor spaces, including retail, hospitality and corporate environments.*

“With LG E-Paper Display, we’re extending our commercial display portfolio with a solution built for real-world business use,” said Mike Kosla, B2B senior vice president at LG Electronics USA. “It’s designed to help organizations communicate more efficiently while supporting broader goals around flexibility and sustainability. It also reflects the growing demand for signage solutions that can adapt to changing business needs without creating unnecessary operational burden.”

Paper-Like Design and Comfortable Viewing Experience

A standout feature of the LG E-Paper Display is its ability to deliver the texture and feel of a traditional paper poster. Without the need for a backlight, the display blends effortlessly into diverse commercial environments. The product has an overall thickness of 0.7 inches – measuring only 0.3 inches at its thinnest point – and weighs a mere 6.8 pounds, including the built-in battery, allowing for easy installation and repositioning.

The display delivers a comfortable viewing experience and wide viewing angles – 180 degrees (both vertical and horizontal)– courtesy of its backlight-free, reflective panel. It also uses LG’s proprietary image optimization algorithm to maximize color reproduction for more natural and vivid colors.

Smart Power and Content Management

LG’s innovative new display is designed to enhance operational efficiency. Equipped with a high-capacity 72-watt-hour battery and an ultra-low-power system-on-chip

(SoC), it supports extended operation and can be fully charged in approximately three hours using the included charger (when the product is in a powered-off state). The display also supports wireless charging through a detachable magnetic battery.

The Power Management feature further boosts efficiency by automatically controlling LG E-Paper Display's power usage based on user-defined content schedules, minimizing energy consumption by activating only when updates are needed.

Based on a B2B-signage-optimized version of webOS – LG's intuitive smart platform – and featuring built-in Wi-Fi connectivity, the LG E-Paper Display enables convenient remote management. Through LG's web browser-accessible signage management solution, users can easily update content, monitor device status, adjust settings and perform software updates.

For flexible and efficient content distribution, the display supports integration with LG SuperSign content management solution (CMS) enabling users to remotely distribute and schedule single-image content across multiple E-Paper Display units. This optimized operating environment allows the display to run for extended periods, depending on the content refresh cycle, helping to maximize efficiency and significantly reduce battery charging frequency. It also supports content distribution via USB storage devices or customers' own CMS servers.

For more information on the E-Paper Display, click [here](#). For images, click [here](#).

** LG E-Paper Display is designed to operate in indoor spaces at 32°F to 104°F and 30% to 70% humidity. Installation in direct sunlight is not recommended, and the limited warranty does not cover damage caused by window-facing installation.*

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About LG Electronics USA

LG Electronics USA serves commercial display customers in the U.S. lodging and hospitality, digital signage, systems integration, healthcare, education, government and industrial markets. Based in Lincolnshire, Ill., with its dedicated engineering and customer support team, LG's U.S. Media Entertainment Solution B2B division delivers business-to-business technology solutions tailored to the particular needs of business environments. Eleven-time ENERGY STAR® Partner of the Year LG Electronics USA Inc., headquartered in Englewood Cliffs, N.J., is the North American subsidiary of LG Electronics Inc., a leading smart life solutions company with annual global revenues of more than \$60-billion from consumer electronics, home appliances, HVAC solutions and vehicle components. For more information, please visit www.LGSolutions.com. Stay up to date with **@LGforBusinessUSA** on [LinkedIn](#), [Instagram](#), [Facebook](#) and [YouTube](#).

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