

Specifications

Model			EM32DX
Display	Diagonal Size		32
	Resolution		2,560 x 1,440(16:9)
	Orientation		Landscape/Portrait
	Active Display Area (mm)		696.32 (H) x 391.68 (V)
	Pixel Pitch (mm)		0.272 x 0.272
	Colors		6 colors (Red/Green/Blue/Yellow/White/Black) * Dithering for additional color support
	Operation Hour		24/7
Connectivity	INPUT	Data	USB-C 2.0 x 1 (Data Only)
		Power	USB-C x 1 (Power Only)
			RJ45 to USB type-C POE+ dongle compatible (Not included in the sales package)
	WiFi / BT		O / O
Mechanical Spec	Dimension (mm)	Set	727.3 x 422.7 x 17.9
		Package	877 x 482 x 57
	Weight (kg)	Set	2.3 (Excluding Battery)/2.4 (Including Battery)
		Package	4.2
	VESA Mount (mm)		200 x 200
	VESA Mount Screw (mm)		M4, 8~10
	Bezel Width (mm)		13.9 (U/B/L/R)
Design	Bezel Color		Grey White
Features	Internal Player	Operating System	Tizen 8.0
		Storage	8 GB
		Supported File Format	JPEG, JPG, PNG, BMP (No Video Supported)
	Special	H/W	3 button (Power/Control/BT Pairing) 3 LED Indicator (R/G/B) Kensington Lock
		S/W	Samsung E-Paper Mobile App (Android/iOS) VXT Support
Certification	Safety		60950-1 / 62368-1
	EMC		Class A
	IP Rating		IP5x
	Security		802.1 x (WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP WPA3-Personal
Power	Power Supply		AC 100 - 240 V, 50/60 Hz
Operating Condition	Temperature (°C)		0~40
	Humidity (%)		30~70 , non-condensing
Accessories	Included		25W External USB-C Adapter USB-C Power Cable 4600mAh Li-ion Battery Rear Holders(2) / Hanging Brackets(2) Quick Setup Guide Warranty Card

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Color E-Paper

For more information about Samsung Color E-Paper, visit [www.samsung.com/business](http://www.samsung.com/business)

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Color E-Paper  
EMDX series

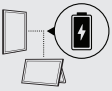
Paper to E-Paper,  
flexibility meets efficiency

Introducing the Color E-Paper EMDX series, Samsung's next-generation product featuring paper-thin, lightweight displays with ultra-low power consumption. Equipped with a built-in battery and supported by a mobile app, it delivers paperlike picture quality without requiring additional infrastructure, digitizing the traditional paper experience. Moreover, 55% of the EMDX series' housing materials are made from recycled plastics, while its entire packaging—including the box, cushion, handle, and accessory box—is crafted from 100% paper, helping to reduce environmental impact. Revolutionize your displays by digitizing the traditional paper experience.

Key features



**Paper-thin Design**  
With a paper-thin depth of just 17.9mm, it enhances various business spaces with unmatched elegance and aesthetically pleasing design.



**Versatile Placement with Embedded Battery**  
A dedicated embedded battery with USB Type-C support is included in the EMDX series to deliver ultimate convenience with an easy-to-move, lightweight frame for effortless handling in indoor environments.



**Energy Efficient Usage**  
Revolutionize your display experience with the EMDX series' stable and ultra-low energy consumption. Maintaining the display's image requires only 0.00 watts, lasting more than 500 days once fully charged for 3 hours\*\*.

\* Activities related to refreshing or changing content will require additional power.  
\* Image refreshing once every 3 days is required to protect panel cells and prevent ghosting.  
\* Screen flickering during the refresh or image change is normal due to the characteristics of EPD technology.  
\* The power measurement is based on IEC62301 standards from the International Electrotechnical Commission. According to the standards, the average power below 0.005W is indicated as 0.00W.  
\*\* The estimation is based on Samsung's internal testing under conditions that protect panel cells and use Samsung's official 25W EMDX charger.  
\*\* Actual durability may vary depending on usage patterns and other factors.



**Color Imaging Algorithm**  
With Samsung's display technology expertise, the EMDX series leverages advanced color imaging algorithm to analyze optimized content for paperlike visibility. Its reduced contour, smooth gradation, and enhanced colors can replace standard printouts like posters and point-of-purchase displays.

\* EMDX series' color may gradually change from its initial state. This discoloration is a characteristic inherent to EPD technology.



**Samsung E-Paper App**  
Available on Android and iOS mobile devices, the dedicated Samsung E-Paper App allows users to easily control the EMDX series locally.

\* Samsung E-Paper App requires mobile device running Android 10 or later or iOS 15 or later.



**Samsung VXT**  
Samsung VXT combines content and remote device management, allowing you to effortlessly manage hardware settings and troubleshoot issues while creating and deploying content.

\* Samsung VXT must be purchased separately.