Color E-Paper

EMDX series
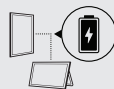
Paper to E-Paper, flexibility meets efficiency

Introducing the Color E-Paper EMDX series, Samsung's next-generation product featuring ultra-thin, lightweight displays with 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 99% paper. Revolutionize your displays by digitizing the traditional paper experience.

*Install time estimate based on internal testing.

Key features

Ultra-thin design

With an ultra-thin depth of just 0.7 inches (17.8 millimeters), 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.

*The EMDX series' packaging only includes rear holders (2) and hanging brackets (2). Other accessories for installation must be purchased separately.

Energy efficient usage

Revolutionize your display experience with the EMDX series' stable and low energy consumption. Maintain the display's image for more than 500 days once fully charged on network standby mode.*

*Activities related to refreshing or changing content will require additional power. Estimation based on refreshing once every 3 days. 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.

Color imaging algorithm

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

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. Download from your respective app store for free.

*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.

Specifications

Model			EM32DX
Display	Diagonal Size		32"
	Resolution		2,560 x 1,440 (16:9)
	Orientation		Landscape/Portrait
	Active Display Area (mm / in.)		696.32 (H) x 391.68 (V) / 27.4 (H) x 15.4 in. (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)
	Wi-Fi / BT		O / O
Mechanical Spec	Dimension (mm / in.)	Set	727.3 x 422.7 x 17.9 mm / 28.6 x 16.6 x 0.7 in.
		Package	877 x 482 x 57 mm / 34.5 x 19 x 2.2 in.
	Weight (kg / lbs.)	Set	2.3 kg / 5 lbs. (Excluding Battery)/2.4 kg / 5.3 lbs. (Including Battery)
		Package	4.2 kg / 9.3 lbs.
	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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