

# SAMSUNG



## Color E-Paper

EMDX series

### Paper to E-Paper, flexibility meets efficiency

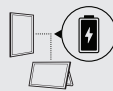
Samsung's Color E-Paper EMDX series features ultra-light and ultra-thin displays with a sleek, slim, aesthetically-pleasing design that enhances any business space. An easy-to-move lightweight frame, USB Type-C compatibility, and an embedded battery ensures efficient operation and flexible placement options. Low energy consumption maintains the display's image for up to 500 days once fully charged on Network Standby Off Mode. The EMDX series leverages an advanced color imaging algorithm to analyze optimized content for paper-like visibility. The Samsung E-Paper App offers comprehensive device management for pairing, settings, content creation, and quick updates. Cloud-based Samsung VXT is available for integrated content and remote device management capabilities. EMDX housing contains recycled plastics and the packaging — the box cushion, handle and accessory box — is crafted from paper.

### Key features



#### Ultra-light and 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.

Less than 0.005W



#### Energy efficient usage

Maintaining the display's image requires less than 0.005W, lasting up to 500 days once fully charged for 3 hours when in Network Standby Off Mode and refreshing content once every 3 days. The power measurement is based on IEC62301 standards from the International Electrotechnical Commission.\*

\*The estimation is based on using Samsung's official 25W EMDX charger. Actual duration 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 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. Download Samsung VXT from the app store or visit [vxt.samsung.com](http://vxt.samsung.com) to learn more.\*

\*Samsung VXT must be purchased separately. Actual UI may differ and is subject to change without notice.

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		0 / 0
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		AC100 - 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