

\* Images simulated for illustrative purposes only

## Colour E-Paper

### EMDX-A series

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

Introducing the Colour E-Paper EMDX-A series, Samsung's next-generation, power-conscious product featuring a thin, lightweight display. Equipped with a built-in battery and supported by a mobile app, it delivers paperlike picture quality without requiring excessive infrastructure, digitising the traditional paper experience. Revolutionise your displays by digitising the traditional paper experience.

\* Compared to the Samsung Color E-Paper EDMX series.

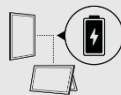
### Key features



#### Paper-Inspired Design

With a thin depth of just 17.9mm, it helps enhance various business spaces with elegance and an aesthetically pleasing design.

\* The Samsung Colour E-Paper EMDX-A series packaging includes rear holders (2) and hanging brackets (2).  
\* Additional accessories for installation must be purchased separately.



#### Versatile Placement with Embedded Battery

A dedicated embedded battery with USB Type-C support is included in the Samsung Colour E-Paper EMDX-A series. It helps deliver convenience with an easy-to-move, lightweight frame for easy handling in indoor environments.



#### Power Conscious Usage

Experience power-conscious performance with Samsung Colour E-Paper, compromising reliability. A smart choice for power-conscious environments.

\* Activities related to content refresh, content changes, or device monitoring and control will require additional power.

\* Content refresh is essential and automatically performed when the power cable or battery is connected.

\* Screen flickering during the refresh or image change is normal due to the characteristics of EPD technology.

\* Based on Samsung internal lab conditions with pre-release version of given model. Battery lasted up to 80 days in deep sleep mode and 70 days in sleep mode when content was updated once per day with the auto refresh function applying every third cycle of content changes. Actual battery life varies by features used, number of content changes, and many other factors.

\* Screen flickering during the refresh or image change is normal due to the characteristics of 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 Samsung Colour E-Paper locally.

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



#### Samsung VXT

The cloud-based Samsung VXT brings together content management and remote device management capabilities. Remotely manage hardware settings and troubleshoot issues while creating and deploying content.

\* Actual UI may differ and is subject to change without notice.

\* Samsung VXT must be purchased separately and the feature's availability may vary by region.

# Specifications

| Model               |                         |                                         | EM32DX-A                                                                                                                                               |
|---------------------|-------------------------|-----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------|
| Display             | Diagonal Size           | class                                   | 32                                                                                                                                                     |
|                     |                         | Measured                                | 31.5                                                                                                                                                   |
|                     | Resolution              |                                         | 2560 x 1440 (16:9)                                                                                                                                     |
|                     | Orientation             |                                         | Landscape / Portrait                                                                                                                                   |
|                     | Reflectance             |                                         | 34%                                                                                                                                                    |
|                     | Contrast Ratio (Typ.)   |                                         | 22:01                                                                                                                                                  |
|                     | Active DisplayArea (mm) |                                         | 696.32 (H) x 391.68 (V)                                                                                                                                |
|                     | Pixel Pitch (mm)        |                                         | 0.272 x 0.272                                                                                                                                          |
|                     | Display Colours         |                                         | 77k                                                                                                                                                    |
|                     | Operation Hour          |                                         | * Based on internal testing. Results may vary depending on test environments and/or standards.                                                         |
| 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                                     | 725.1 x 420.5 x 17.9                                                                                                                                   |
|                     |                         | Package                                 | 890 x 57 x 482                                                                                                                                         |
|                     | Weight (kg)             | Set                                     | 2.4 (Excluding Battery) / 2.5 (Including Battery)                                                                                                      |
|                     |                         | Package                                 | 4.4                                                                                                                                                    |
|                     | VESA Mount (mm)         |                                         | 200 x 200                                                                                                                                              |
|                     | VESA Mount Screw (mm)   |                                         | M4, 8~10                                                                                                                                               |
|                     | Bezel Width (mm)        |                                         | 13.9 (U/B/L/R)                                                                                                                                         |
|                     | Bezel Colour            |                                         | Gray 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)                                                                                                                    |
| S/W                 |                         | 3 LED Indicator (R/G/B) Kensington Lock |                                                                                                                                                        |
| Certification       | EMC                     |                                         | Class A                                                                                                                                                |
|                     | IP Rating               |                                         | IP5x                                                                                                                                                   |
| 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<br>USB-C Power Cable<br>4600mAh Li-ion Battery<br>Holder Rear x2 / Hanging Bracket x2<br>Quick Setup Guide<br>Warranty Card |

**DISCLAIMERS**  
\* Specification may be subject to change without prior notice.

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