About Samsung Electronics Co., Ltd.

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Samsung Flip

For more information about Samsung Flip, visit www.samsung.com/business or www.samsung.com/displaysolutions

Samsung Flip is an intuitive and easy-to-use digital board that can meet the demands of modern education.

While teachers are always looking for innovative solutions to create a more engaging classroom environment, students also have high expectations for the digital experience they receive while learning. The WM85R can meet the requirements of both teachers and students, providing enhanced connectivity options, UHD resolution on a larger 85-inch display, and various powerful features to help them upgrade their education environment.

Highlights

• Intuitive pen and brush mode with multi writing up to 10 on any background for optimized classroom engagement
• Versatile connectivity options and easy sharing for seamless education experience
• Powerful touch function on larger 85-inch UHD display for impactful learning
• Various form options and screen saver for always-on and effective student engagement
• Advanced control with 6-digit lock system and Remote Management solution for easy and simple management
Digitalization of the education environment

As education changes globally, the demand for digital solutions is increasing significantly. Learning environments are changing and traditional classroom settings are being replaced by virtual setups that are more interactive and engaging. Analog boards do not offer the same capabilities as digital solutions that can deliver content in multiple ways for a better classroom experience.

More than ever, government initiatives to transform traditional classrooms to digital ones, are now emphasized by the increase in demand for virtual learning environments. As a result of this increased demand, global classroom displays are expected to grow to more than one million units by the end of 2024, representing a 15% CAGR.

Improve student engagement with digital board

Samsung’s Flip WM85R is optimized to meet the digital demands of modern education. Whether painting in art class, editing images or annotating on a background, the Flip is an intuitive whiteboard that allows any teacher to easily lead their class. Versatile connectivity options (USB/HDMI/DP/NFC) and an OPS* slot enables various solutions for education to be utilized — including a teacher’s personal devices and even third-party education solutions and software — creating a seamless classroom environment. The larger display size also creates a more immersive experience, supported by features such as multi writing for up to 10 people, one touch device synchronization, advanced image editing capabilities and total peace of mind through a 6-digit locking system.

Optimized for education

- Versatile connectivity
- Multi writing / UHD large display
- Touch out
- Various form option

Designed for creativity

- Pen mode
- Brush mode
- Annotation on
- Selection tool / Merge to roll
- Seamless scroll / Quick finder

Advanced for collaboration

- Web browser
- Document viewer
- Screen saver
- Easy sharing
- 6-digit lock / File security
- Remote Management / OTN*

Multi writing for up to 10 on larger sized display

Flip provides an intuitive tool for up to 10 people to use simultaneously. Students can write, solve math problems and draw pictures all at the same time on the large, 85-inch clear UHD display. These intuitive features ensure that all participants can actively and directly take part in various class environments to increase class efficiency, engagement and ultimately enjoyment.

Synchronized screen viewing

Teachers are able to connect their personal devices to the Flip using the ‘touch out’ function, controlling the content on display in real-time while having the flexibility to move around. Any edits made to the content on-screen will also be mirrored back to the personal device and vice versa for efficient collaboration.

Varied formats for any classroom needs

Samsung Flip provides a variety of templates and tools – from timetables to schedule calendars to strategy boards – that can be used in class and school environments. Instead of writing on physical paper and discarding it, teachers and students can increase efficiency and enjoyment with a permanently available, digitally displayed template.

* Touch out control is available through a touch USB cable connection or UIBC-connected Android mobile devices (2016 and later) and Windows 10 PCs.

* WM85R supports multi writing feature up to 4 currently. The feature ‘multi writing up to 10’ will be available within 2020 and it will be updated by new firmware release.

* OPS : Open Pluggable Specification

* OTN : Over The Network

* Source: Omdia, Public Displays and Signage TV Market Tracker Q1 2020, July 2020. K Units. Does Not Include Consumer TV Units as Public Displays. Not an Endorsement of Samsung Electronics Co. Ltd. Any Reliance on these results is at the third-party’s own risk.

increased demand for classroom displays

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* K Units. Round off at the hundreds place.
**Draw, write & inspire new ideas**

Samsung's Flip provides a wide palette of colors and range of pen and brush thicknesses to ensure a smooth writing experience. Users can freely write and draw text, shapes and anything needed within the classroom. Any drawing can then easily be erased with a finger or a palm swipe when required.

**Creating a masterpiece**

When using brush mode, the Flip recognizes a wide range of thicknesses, ensuring teachers and students can create art at the stroke of a brush. Water and oil painting modes allow different styles and textures, while a full, vibrant color palette allows flexible color mixing to truly embody the experience of art.

**Write on any background**

Samsung Flip allows people in the classroom to write on any background source. By simply clicking the note layer button, users can enjoy smooth writing anytime, anywhere on any content displayed, without affecting any work behind the original layer.

**Flexible image editing**

When using the versatile Samsung Flip, teacher and students can quickly and easily select, move, crop, capture, and edit any images. Each image can also be merged to the roll with just one click of a button, allowing it to be edited or erased to enable optimized creativity in a simple and easy way.

**Easy content navigation**

Samsung Flip has up to 20 pages of writing space per roll, allowing users to seamlessly scroll through pages. The Flip's intuitive, user-friendly menu simplifies navigation and saves time, while the quick Finder feature allows users to preview content and make instant changes directly on the screen.

**Simple web surfing while annotating**

Samsung Flip now supports web browsing and allows users to access the internet directly through the display, with no additional device needed. Once the browser is open, annotation is still available for users to draw around the browser too for on-the-spot collaboration.

**Custom screensaver for constant communication**

When the display is not in use, users can select a custom image to be shown on the Flip as a screensaver. This means the Samsung Flip can help to announce and promote a wide variety of communications tailored for students, such as an upcoming events calendar.

**Safe, secure content protection**

Samsung Flip ensures that confidential class information remains in the right hands. Using its reinforced, 8-digit lock system, each class leader is able to safeguard sensitive content, lock the display and remove critical content from view. In addition, users can set the Flip to delete files regularly for enhanced security.

**Intuitive document access**

Samsung Flip gives users the capability to open Microsoft Word, PowerPoint, Excel and Adobe PDF files directly with a built-in document viewer, ensuring easy access regardless of the content source for improved class engagement.

**Effortless class recap distribution**

Following any class, teachers can distribute recaps to all students, removing the frustration traditionally associated with handwritten notes. Important conversations and content are stored within the Flip in real-time, easily shareable across mobile and digital channels.

**Comprehensive control options**

Users can remotely control critical display settings on the Flip through Samsung's Remote Management solution. This provides the ability to power the display on and off, change the pin code, lock the network or USB port and adjust proxy server settings for enhanced convenience. In addition, the UTFN capability enables firmware updates automatically for convenient management.

*Samsung's Remote Management solution must be purchased separately.