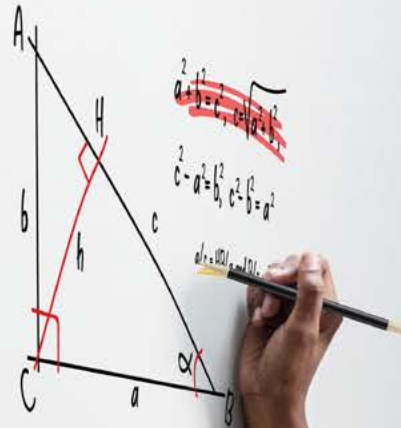


SAMSUNG

**Samsung Interactive Display
Flip WM85R**



Learning, simplified.

Inspire and engage students like no blackboard ever could with the 85" Samsung Interactive Display.



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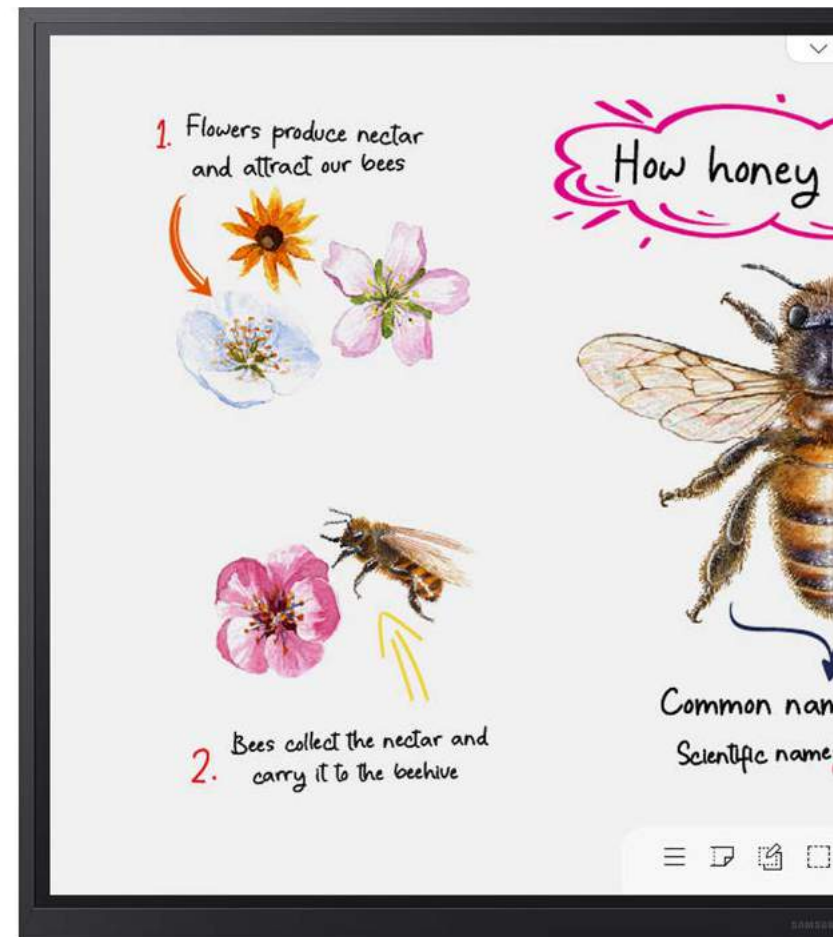
sales@newcomglobal.com

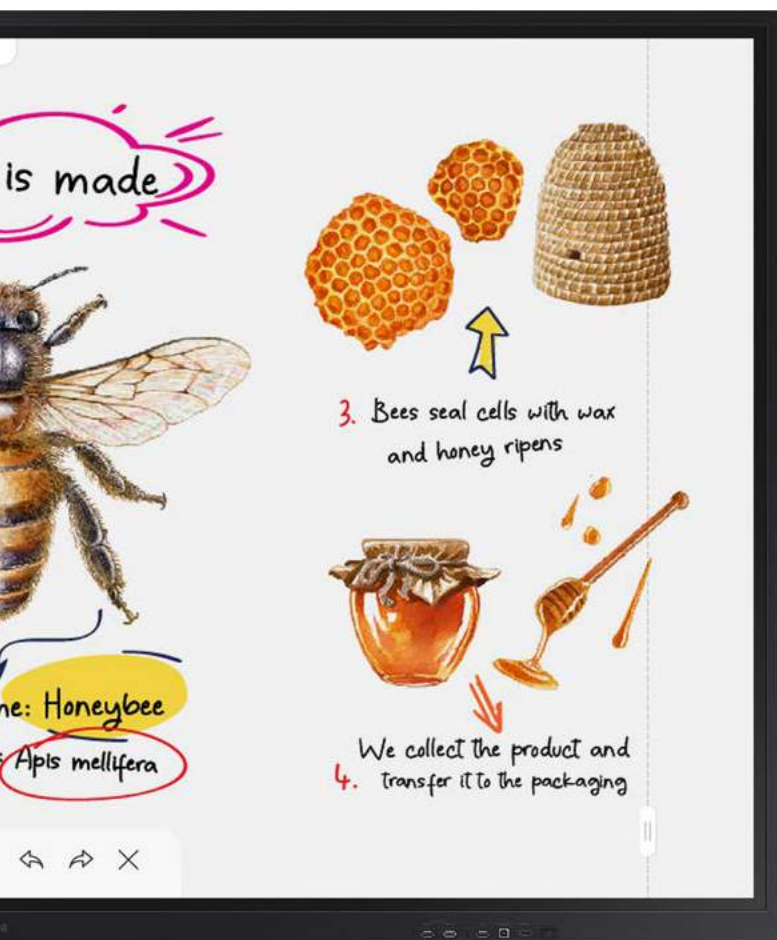
Easy and intuitive.



Draw, write and inspire new ideas

The Samsung Interactive Display 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 note or drawing can be easily erased with a finger- or a palm-swipe.





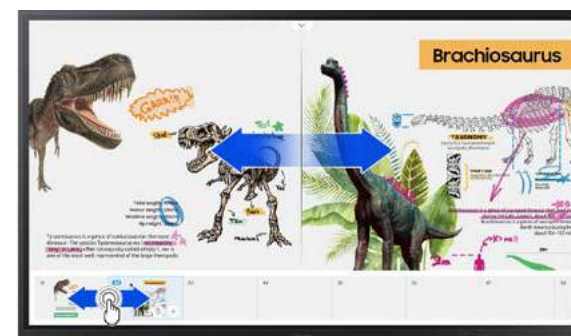
Convenient document viewer

The Samsung Interactive Display gives users the ability 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.



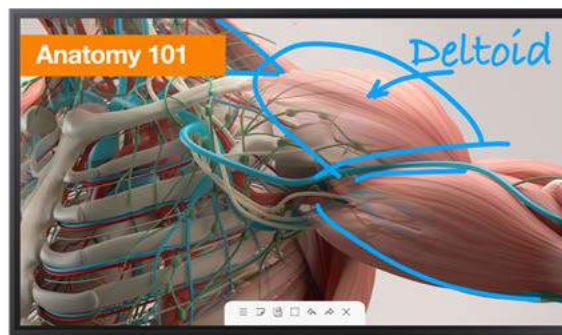
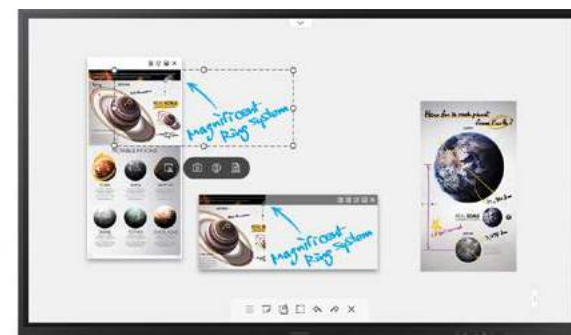
Intuitive interface

Easy-to-use navigation features and a touch display makes the intuitive user interface suitable for virtually all ages. With a simplified navigation menu and a quick finder tool, you can preview content and make instant changes on the screen with ease.



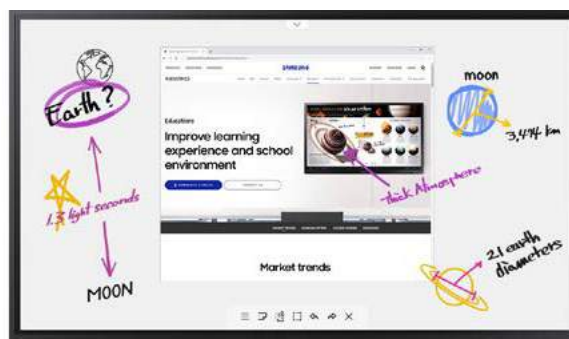
Flexible image editing

Quickly and easily select, move, crop, capture and edit images. Merge any image into your Samsung Interactive Display note roll with just the click of a button, allowing the image to be easily edited or later erased.



Annotate with ease

Document-based learning encourages the sharing of ideas and opinions across media. With the Samsung Interactive Display, students and teachers alike can annotate any document easily, then save, share and bring new ideas to life working together in the same room.



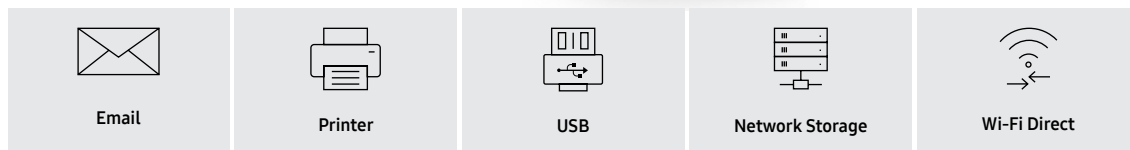
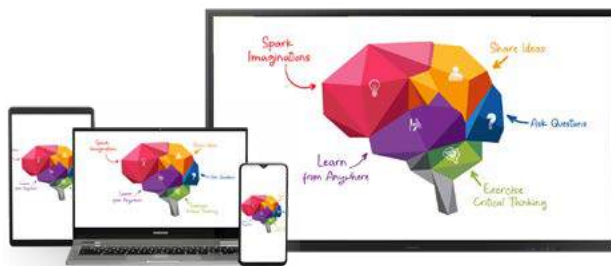
Surf the web with the touch of a finger

With an embedded web browser, searching the web becomes part of the lesson. Simply navigate to any site from the Samsung Interactive Display and bring your lesson to life.

Built with the teacher in mind.

Effortlessly recap and distribute class notes

Following any class, teachers can digitally and immediately distribute recaps to all students, removing the frustration traditionally associated with handwritten notes. Easily capture and store classwork and content, to easily share across mobile and digital channels in real time.



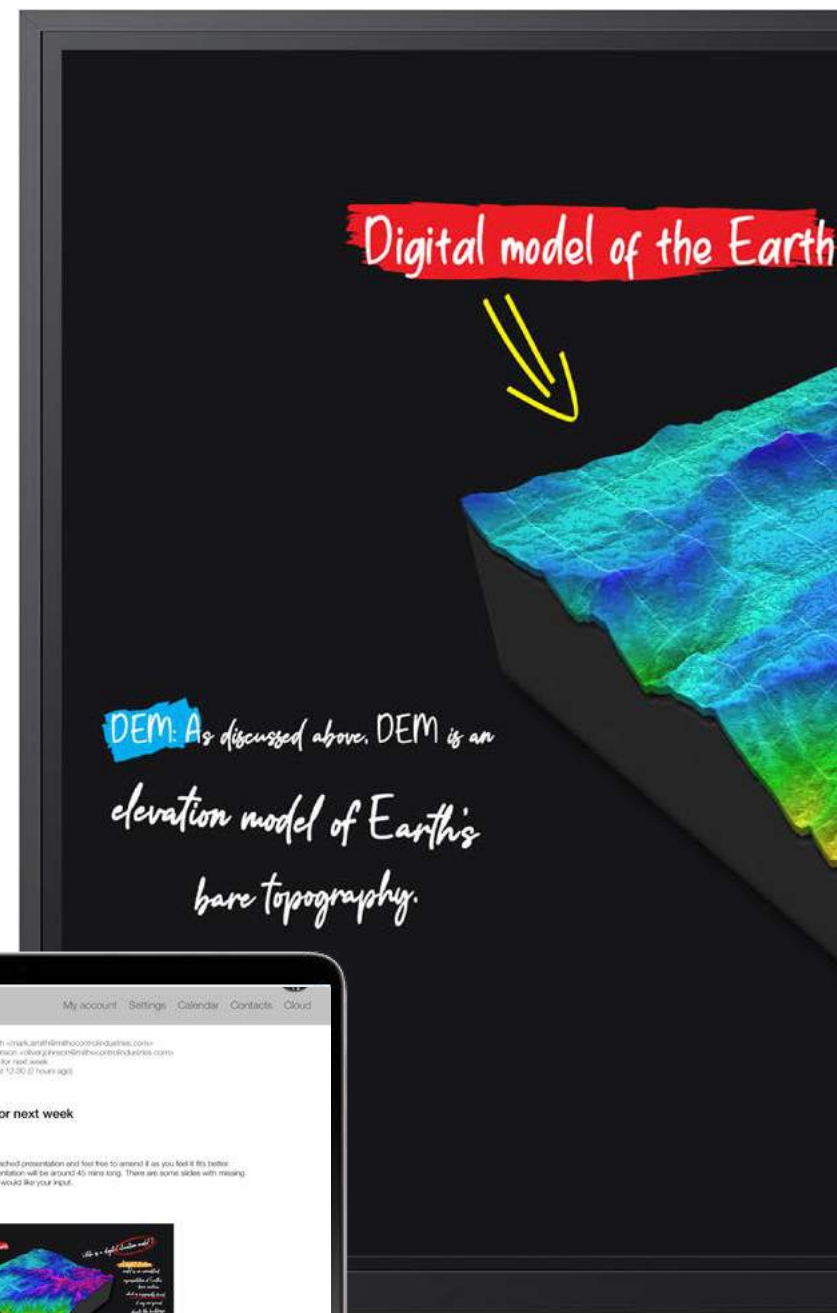
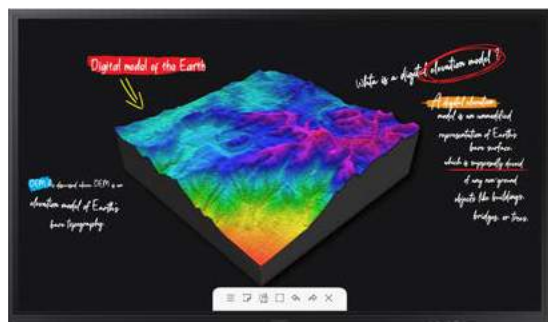
Teach through sound with built-in speakers

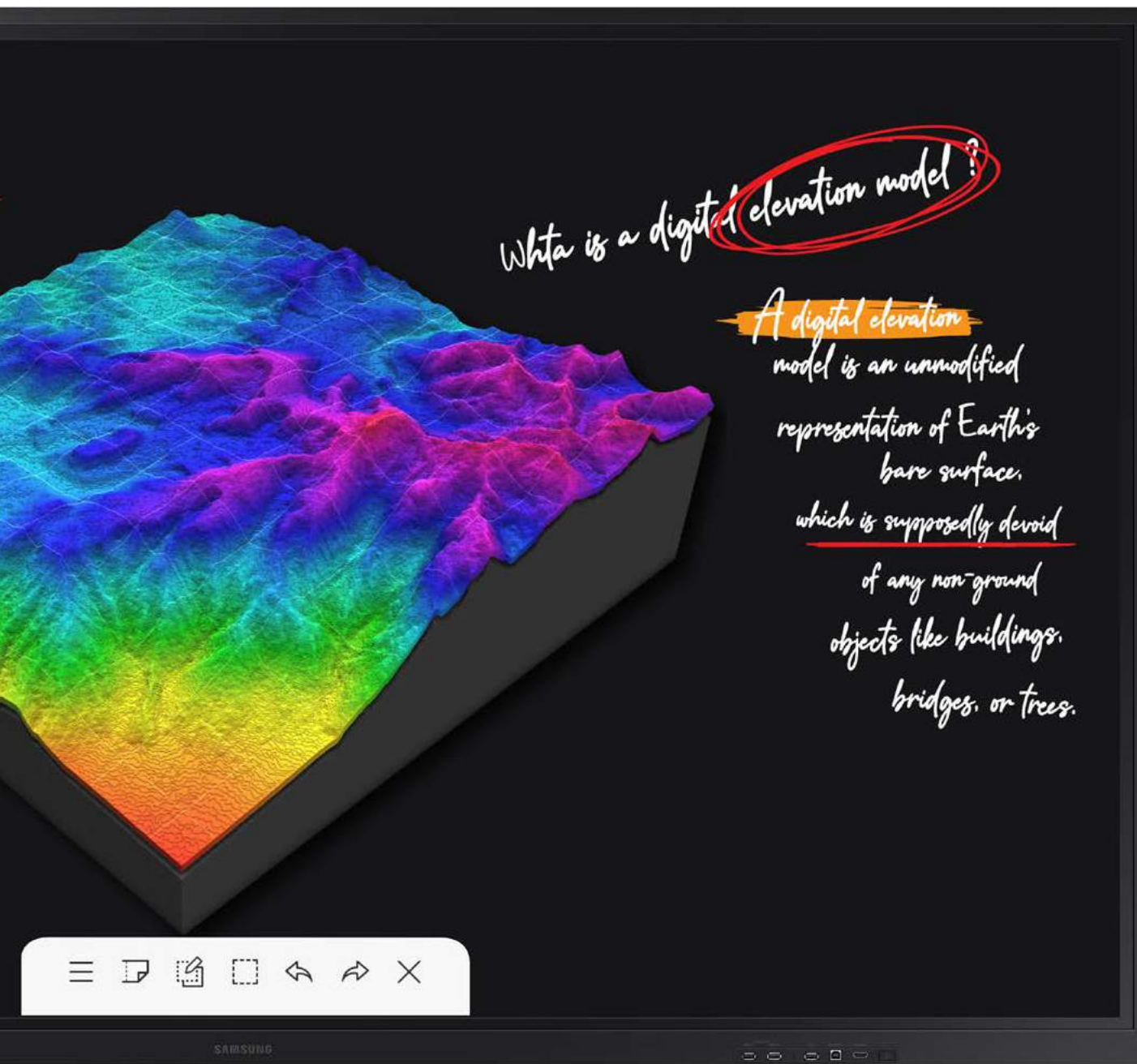
Watch a famous speech. Explore music theory. The integrated 10W x 2 speakers mean there's no extra expense of purchasing separate speakers and power supply, and no wiring hassles.



Send files faster

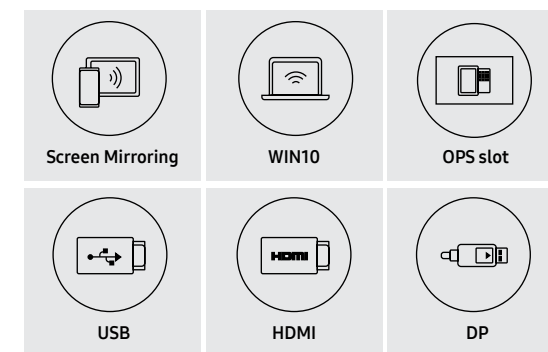
Connect the Samsung Interactive Display to your user database, then type in the first few letters of the email address you want. Suggested email addresses will pop up, allowing you to share information quickly and easily.





Transform your display with Open Pluggable Specification (OPS)

The OPS slot allows for simple installation of an OPS device to run Windows OS. It transforms the Samsung Interactive Display into a customized learning tool.



Versatile connectivity

Do more with the Samsung Interactive Display's versatile connection options. USB, HDMI, DP, NFC, OPS slot and screen-sharing capabilities enable optimum collaboration, and provide interactive content visibility, notation and sharing from a variety of devices.



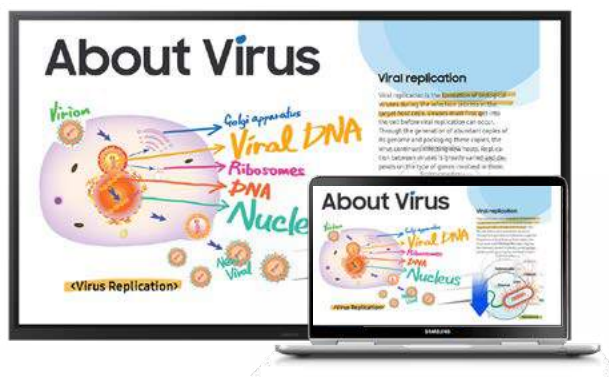
4K UHD ensures crisp, captivating lessons

Creativity and collaborations are stunningly displayed and brilliantly presented in ultra-high definition 4K resolution. Every detail of the lesson is visible and presented the way it was intended. Student engagement is enhanced and attention is increased.

Accelerate transformative and collaborative learning.

Connect your devices

Easily sync the Samsung Interactive Display to almost any device for real-time sharing. Whether a photo on a mobile device or a presentation on a laptop, sharing content across devices is simple. Any edits made to the content on-screen will be mirrored back to the personal device and vice versa, for efficient collaboration.



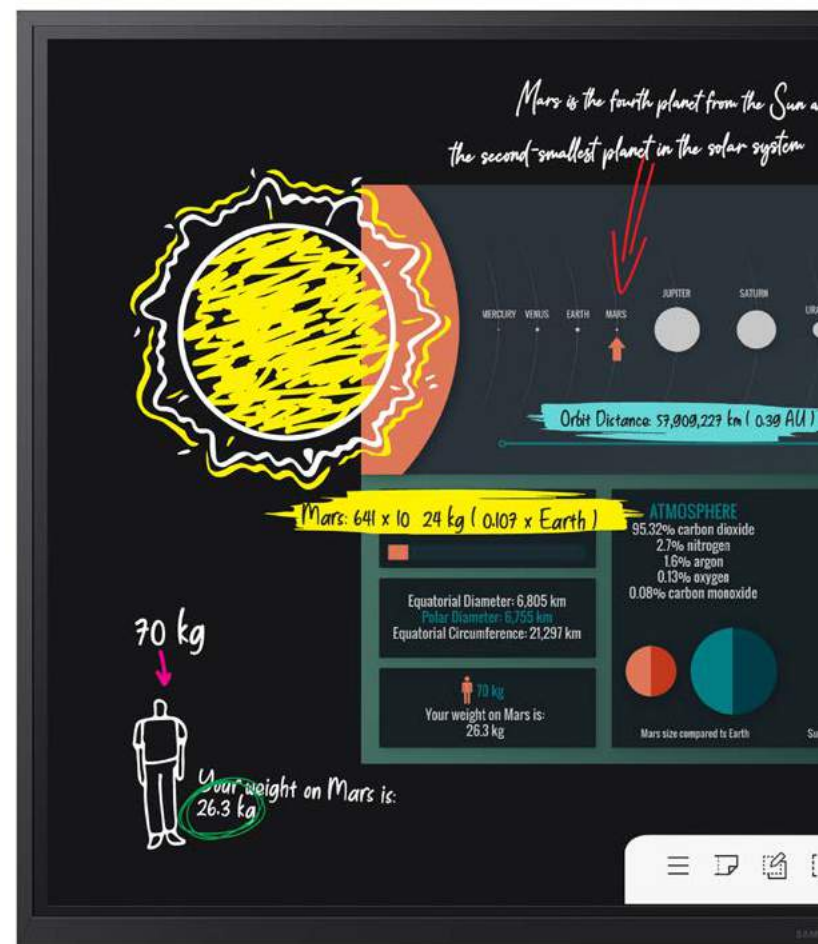
Custom screensaver for constant communication

When the display is not in use, users can select a custom image as a screensaver. The Samsung Interactive Display can then help to announce and promote a wide variety of communications tailored for students, such as an upcoming events calendar.



Varied templates for your classroom needs

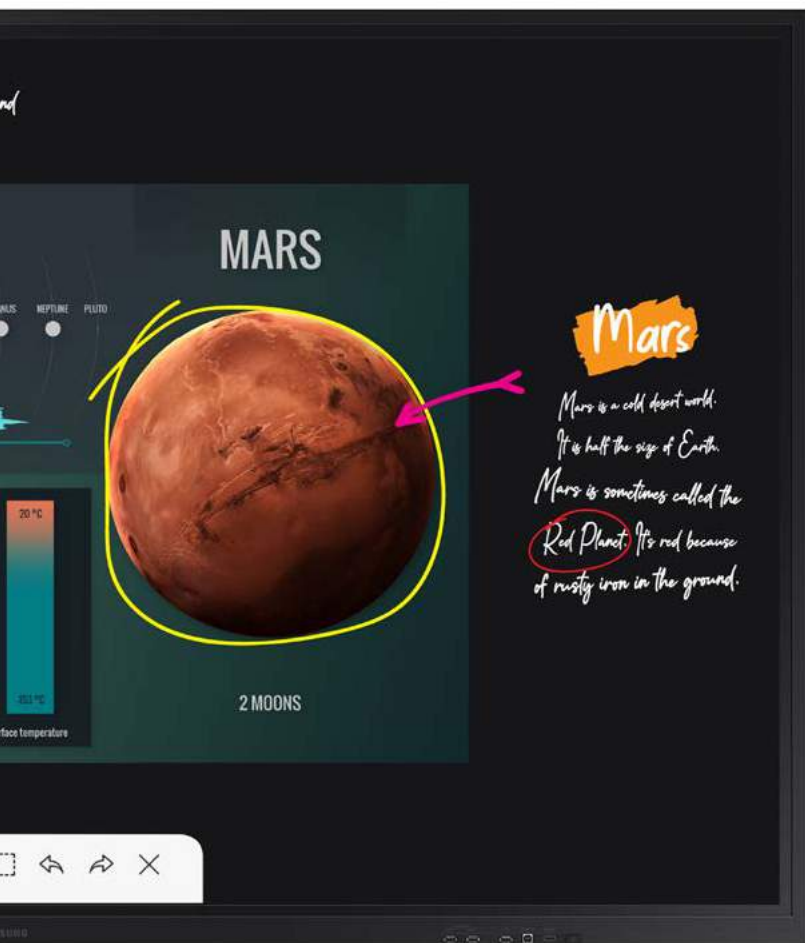
The Samsung Interactive Display provides a variety of templates and tools that can be used in class and school environments, from timetables to schedule calendars to strategy boards.



 MimioConnect[®]

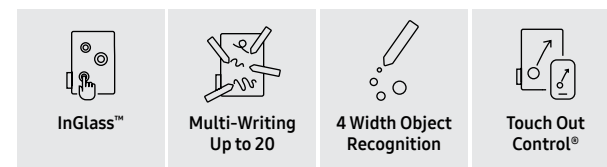
Seamless learning from anywhere

The Samsung Interactive Display works seamlessly with MimioConnect to enhance teaching and learning. MimioConnect combines innovative lesson building and instructional tools to create an active learning environment. Teachers and students can connect from anywhere, making this a perfect solution for distance, flipped or blended learning environments. Lessons can be presented to groups of students or assigned for individual, self-paced learning.



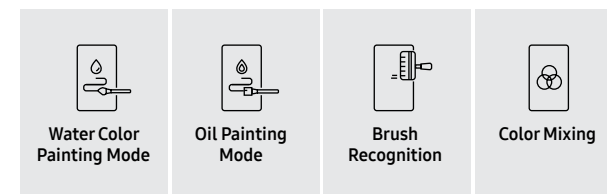
Multiple users with multi-touch

The Samsung Interactive Display allows multiple users to annotate or draw simultaneously (up to 20 touch points). Students can write, solve math problems and draw pictures at the same time on the large, clear, 85" UHD display.



Create freely

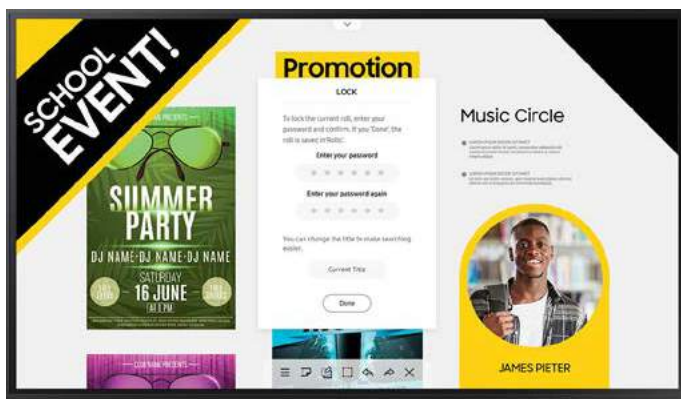
The Samsung Interactive Display allows students and teachers to get creative with multiple brush and color medium options, such as water color, oil paint and more. With a full, vibrant color palette and multiple brushes to choose from, every idea will come to life brilliantly.



Use securely. Manage effectively.

Convenient, optimized management

The Samsung Interactive Display makes device management simple, with technology that includes automatic firmware updates, LDAP synchronization, file security, a secure wireless connection and remote management.



Safe, secure content protection

Ensure confidential information remains confidential. With a reinforced 6-digit lock system, each class leader is able to safeguard sensitive content, lock the display and remove critical content from view. Users can also set the Samsung Interactive Display to delete files regularly for enhanced security.



WPA2 (802.1x based standard)
Secure wireless connectivity



LDAP (Lightweight Directory Access Protocol)
Connect to an enterprise user database



OTN (Over the Network)
Automatic firmware updates



File Security
Set to delete files regularly



Remote Management



Remote Firmware Update

Manage remotely

Users can remotely control critical display settings on the Samsung Interactive Display through Samsung's Remote Management solution. Users can remotely power the display on and off, change the pin code, lock the network or USB port and adjust proxy server settings.

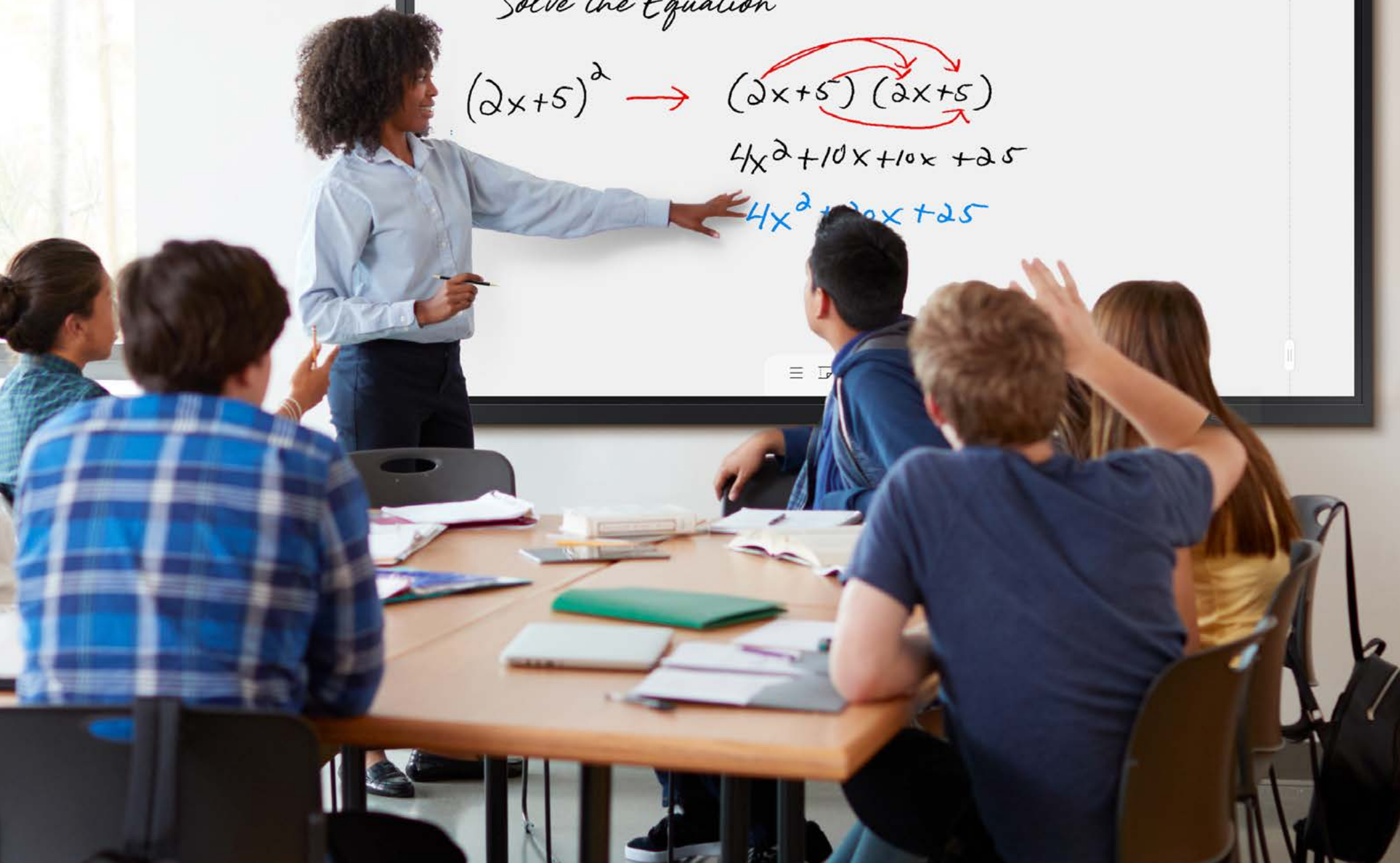


Never miss an update

The Samsung Interactive Display's OTN capability can enable automatic firmware updates, for convenient management.

Solve the Equation

$$(2x+5)^2 \rightarrow (2x+5)(2x+5)$$
$$4x^2 + 10x + 10x + 25$$
$$4x^2 + 20x + 25$$

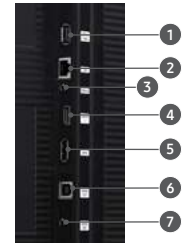


SAMSUNG Samsung Interactive Display Flip WM85R

		WM85R	
Panel	Diagonal Size	85"	
	Type	New Edge, 60Hz	
	Resolution	3,840 x 2,160 (Landscape)	
	Brightness (Typ.)	350 nits (220 nits with glass)	
	Contrast Ratio (Typ.)	4000:1	
	Viewing Angle (H / V)	178 / 178	
	Response Time (G-to-G)	6ms (Typ.)	
Panel Orientation		Landscape Only	
Sound	Speaker Type	Built in Speaker (10W x 2CH)	
Connectivity	Input	HDMI 2 (Rear1, Front 1), DP1, OPS I/F	
	USB	2 (Rear / Front), 2.0 / 3.0 External (Front)	
	Video	HDMI 1 (Screen Share in Front)	
	Output	Audio	1 (Stereo Mini Jack)
	Touch Out	Touch Out 2 (USB Upstream Type, Front 1, Rear 1)	
	External Control	Touch Input	
Wi-Fi / Bluetooth		Wi-Fi/BT Module Embedded	
Touch	Type	IR	
	Number of Drawing	20 Touch Points	
	Touch Pen Type	Passive Pen with Magnet	
	Object Recognition Range	2mm/ 4mm / 8mm / 50mm (Brush Mode: Dynamic Object Recognition)	
	Touch Response Time	6.7ms	
Power	Type	Internal (Main Tea, OPS 1ea)	
	Power Supply	AC 100-240V 50/60Hz	
	Power Consumption	Max (W/h)	418 (OPS 19V/3.7A)
		Typical (W/h)	151
		Rating (W/h)	380 (OPS 19V/3.7A)
Standby (W/h)		0.5	
BTU (W/h)	1,425.38 (OPS 19V/3.7A)		
Mechanical	Dimensions	Set (W x H x D)	76.49" x 45.04" x 2.73" / 1942.8 x 1144.1 x 69.4mm
		Package (W x H x D)	84.09" x 51.61" x 10.24" / 2136 x 1311 x 260mm
	Weight	Set	164.24 lbs. / 74.5 kg
		Package	201.72 lbs. / 91.5 kg
	Color	Charcoal Black	
	VESA Mount	600 x 400mm	
	Protection Glass	Yes	
	Wall Mount	WMN8200SF	
	Stand Type	Wall Mount	
	Media Player Option Type	OPS Slot support	
Rotation	Landscape only		
Power Cable Length	3M		
Accessory	Power Cord, USB Upstream Cable (2), Pen (2, Black), OPS Box, Warranty / QSG		
Operation	Operating Temperature	32° ~ 104° F / 0° C ~ 40° C	
	Humidity	10 ~ 80%, non-condensing	
Feature	Key	Interactive Display App	
	Special	H/W	Touch Overlay (IR), Front Connectivity (Tray), OPS I/F Support (w/OPS Box) Built in Speaker (10W x 2), Wi-Fi / BT Module Embedded
		S/W	Interactive Display S/W
	Platform	Muse-M (Tizen 5.0)	
	Processor	CA72 Quad (1.7GHz) 2MB L2	
	On-Chip Cache Memory	L2: 2MB	
	Clock Speed	1.7GHz CPU Quad	
	Main Memory Interface	LPDDR4 1.6GHz 64bit 2.5GB	
	Graphics	GPU: MaliG51 MP4@760MHz	
	Storage	8GB (2.65GB Occupied by O/S, 5.35GB Available)	
IO Ports	USB 2.0		
Operating System	Tizen 5.0: Samsung Proprietary OS (VDLinux)		
Certification	Security	802.1x (WPA2 Enterprise): EAP-TLS, EAP-TTLS, EAP-PEAP	
Accessories	Included	Power Cord, USB Upstream Cable (2), Pen (2, Black), OPS Box, Warranty / QSG	
	Optional	Wall Mount	

Connectivity

1. USB (1.0A)
2. LAN
3. SERVICE
4. HDMI In 1
5. DP In
6. Touch Out
7. Audio Out
8. Interactive Pen
9. OPS Slot



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