Learning, simplified.

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

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.

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.

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.

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.
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. Teachers can digitally and immediately distribute recaps to all students, removing the frustration traditionally associated with handwritten notes.

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.

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.

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

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.
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.

Accelerate transformative and collaborative 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.

Seamless learning from anywhere
The Samsung Interactive Display works seamlessly with MimioConnect to enhance teaching and learning. MimioConnect combines innovative board 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.

InGlass™ Multi-Writing
Up to 20 Width Object Recognition Touch Out Control

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

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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.

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Safe, secure content protection
Ensure sensitive 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.

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

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.
**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:
  - Video: HDMI 2 (Rear 1, Front 1), DP 1, OPS I/F
  - USB: 2 (Rear / Front), 2.0 / 3.0 External (Front)
- Output:
  - Video: HDMI 1 (Screen Share in Front)
  - Audio: 1 (Stereo Mini Jack)
  - Touch Out: Touch Out 2 (USB Upstream Type, Front 1, Rear 1)
- External Control:
  - Touch Input
- Wi-Fi / Bluetooth: WiFi/BT Module Embedded

**Power**
- Type: Internal (Main 1ea, OPS 1ea)
- Power Supply: AC 100~240V 50/60Hz
- Power Consumption:
  - Max (W/h): 418 (OPS 19V/3.7A)
  - Typical (W/h): 151
  - 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: Yes
- 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℃ ~ 40℃
- Humidity: 10 ~ 80%, non-condensing

**Feature**
- Key:
  - Interactive Display App
  - Touch Overlay (IR), Front Connectivity (Tray), OPS Slot support (w/OPS Box) Built in Speaker (10W x 2), Wi-Fi / BT Module Embedded
- S/W:
  - Interactive Display S/W
  - Touch Overlay (USB)

**Internal Player (Embedded H/W)**
- Chipset:
  - Processor: CA72 Quad (1.7GHz) 2MB L2
  - On-Chip Cache Memory: L2: 2MB
  - Clock Speed:
  - Main Memory Interface: LPDDR4 2133MHz (2GB)
  - Graphics:
  - Storage:
  - 10 Ports:
    - USB 2.0
  - Operating System:

**Certification**
- Security: 802.1x (WPA2 Enterprise) EAP-TLS, EAP-TTLS, EAP-FAST
- Interoperability:
  - Consent:
   - Power Cord, USB Upstream Cable (2), Pen (2, Black), OPS Box, Warranty / QSG

Learn More  samsung.com/display  insights.samsung.com
Product Support  1-866-SAM4BIZ  Follow Us  youtube.com/samsungbizusa  @SamsungBizUSA

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