Learning. Simplified.

Featuring 4K Ultra HD resolution and an advanced digital whiteboard, The Samsung Interactive display delivers incredible collaborative capabilities to engage students and inspire participation. With built-in annotation capability, embedded browser, screen mirroring, and up to 20 touch points with a smooth pen to paper feel, content creation and sharing is quick and easy. The OPS slot allows for simple installation of an optional slot-in PC to run Windows OS. It transforms the Samsung Interactive Display into a customized tool for an even more powerful computing and an even greater interactive experience.

Key Features and Benefits

**Intuitive Interface with a natural writing experience**
Easy-to-use navigation features with a fast and smooth pen to paper writing experience makes the Samsung Interactive Display suitable for virtually all ages.

**Multiple users with multi-touch**
Multiple users can 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.

**Annotate with ease**
Students and teachers alike can annotate any document easily, then save, share and bring new ideas to life working together.

**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.

**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.

**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.

**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.

Contact Us: samsung.com/display
## Samsung Interactive Display Flip 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 2)

### Connectivity
- **Input:**
  - Video: HDMI 2 (Rear 1, Front 1), OPS (I/F)
  - USB: 2 (Rear / Front), 2.0 / 3.0 External (Front)
- **Output:**
  - Video: HDMI (Scenen Share in Front)
  - Audio: 1 Stereo Mini Jack / 3.5mm (Front 1)
  - Touch Out: Touch Out 2 (USB Upstream Type, Front 1, Rear 1)
  - Control: Touch Input
- **Wi-Fi / Bluetooth:** Built In Module Embedded

### Touch
- **Type:** IR
- **Pen Type:** Passive Pen with Magnets
- **Object Recognition Range:** 2mm / 4mm / 8mm / 50mm (Brush Mode - Dynamic Object Recognition)
- **Response Time:** 6.7ms

### Power
- **Type:** Internal (Main 1ea, OPS 1ea)
- **Power Supply:** AC100-240V 50/60Hz
- **Power Consumption:**
  - Max (W/H): 418 (OPS 19V/3.7A)
  - Typ (W/H): 193 (OPS 19V/3.7A)
  - Standby (W/H): 5W
- **BTU (W/h):** 1,453.8 (OPS 19V/3.7A)

### Mechanical
- **Dimensions (Set):** 76.49" x 45.04" x 2.73" / 1942.8 x 1144.1 x 69.4mm
- **Weight (Set):** 164.24 lbs. / 74.5 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℃ ~ 40℃
- **Humidity:** 10 ~ 80%, non-condensing

### Feature
- **Key:** Interactive Display App
- **Special:** Touch Overlay (8), Front Connectivity (Tray), OPS / I/F Support (w/OPS Box) Built in Speaker (10W x 2), Wi-Fi / BT Module Embedded
- **Processor:** CA72 Quad (1.7GHz) 2MB L2
- **On-Chip Cache Memory:** L2: 2MB
- **Memory Interface:** LPDDR4 1.6GHz 64bit 2.5GB
- **Operating System:** Tizen 5.0: Samsung Proprietary OS (VDLinux)
- **Platform:** Intel (H/W), Intel (S/W)
- **License:** GNU GPL
- **Certification:** WiFi 6E, Bluetooth 5.2, Wi-Fi 6, Wi-Fi Alliance, Bluetooth
- **Accessories:** Included Power Cord, (USB) Upstream Cable (2), Pen (2, Black), OPS Box, Warranty / QSG

### Accessories
- **Optional Wall Mount:** WMN8200SF

### Learn More
- samsung.com/display
- samsung.com/business
- insights.samsung.com

### Product Support
- 1-866-SAM4BIZ

### Follow Us
- youtube.com/samsungbizusa
- @SamsungBizUSA
- @SamsungDisplay
- @SamsungEducation

©2020 Samsung Electronics America, Inc. Samsung is a registered mark of Samsung Electronics Corp., Ltd. Specifications and design are subject to change without notice. Non-metric weights and measurements are approximate. Simulated screen images. All brand, product, service names and logos are trademarks and/or registered trademarks of their respective manufacturers and companies. See samsung.com/display for detailed information. Printed in USA. DIGSIG-WM85REDU-OCT20