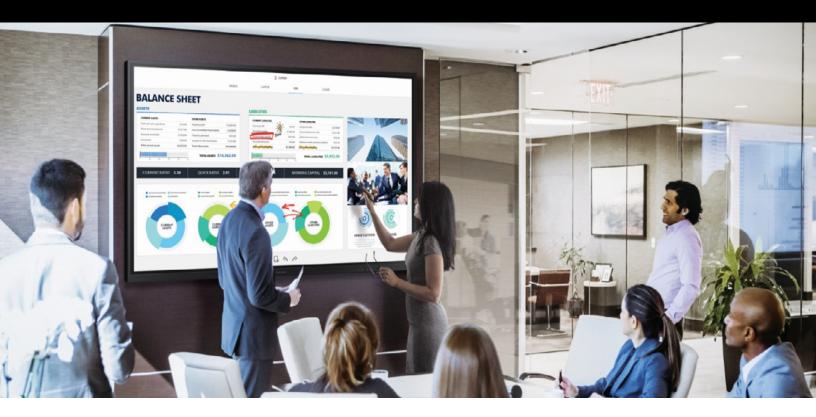# Meetings. Simplified.

Create and collaborate easily and intuitively. The Samsung Interactive Display Flip WM85R features 4K Ultra HD resolution in an 85" advanced digital whiteboard. Built-in annotation capability allows users to digitally write, draw and even paint on content, and an embedded browser and screen-mirroring capability make content-sharing quick and easy. Collaboration is aided by up to 20 touch points with a smooth pen-to-paper feel. The OPS slot allows for simple installation of an optional slot-in PC to run Windows OS, which transforms the Samsung Interactive Display into a customized tool for an even greater interactive experience.

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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 ideal for presenting and brainstorming in any meeting.

Multiple users with multi-touch
Multiple users can annotate or draw simultaneously (up to 20 touch points) at the same time on the large, clear, 85" UHD display.

Annotate with ease
Annotate any document easily, then save, share and bring new ideas to life while 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 tool for an even greater interactive experience.

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 ideas to life.

4K UHD ensures crisp, captivating content
Creativity and collaborations are stunningly displayed and brilliantly presented in ultra-high definition 4K resolution. Every detail is visible and presented the way it was intended.

Comprehensive control options
Users can remotely control critical display settings on the Interactive Display 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 OTN capability enables firmware updates automatically for convenient management. (*Requires purchase of license)

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		Lanscape Only
Sound	Speaker Type		Built in Speaker (10W x 2CH)
Connectivity	Input	Video	HDMI 2 (Rear1, Front 1), DP1, 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
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 1ea, 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, Waranty / QSG
Operation	Operating Temperature		32˚ ~ 104˚F / 0ºC ~ 40ºC
	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)
	Internal Player (Embedded H/W)	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, Waranty / QSG
	Optional	Wall Mount	WMN8200SF

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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