



Samsung Flip

Flip the future of collaboration

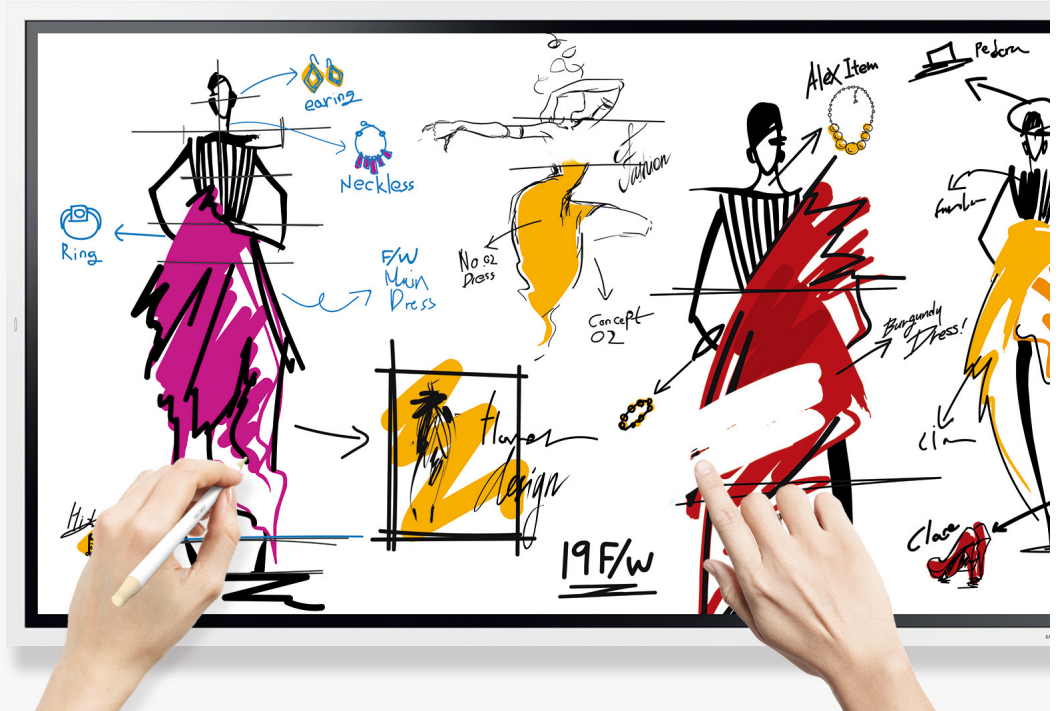
SAMSUNG

What is Samsung Flip?

Samsung Flip is an intuitive and easy to use digital flipchart, for any meeting environment. In 2019, the latest in the Flip lineup has been added to Samsung's portfolio, offering greater collaboration capabilities in an easy UI. The bigger 65-inch screen expands the usability of the display while the no gap wall mount removes any unnecessary space between the product and the wall. An advanced digital experience provides a host of new features, including brush mode, annotation on, merge to roll, and other collaboration tools. The Flip allows teams to work smarter, faster and better.

Intuitive pen & paper writing experience

- Pen Mode
- NEW** • Brush Mode
- Passive Pen
- Flexible Erasing
- NEW** • Merge to Roll
- NEW** • Annotation On



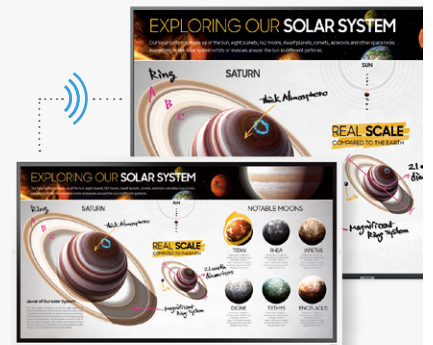
Enhanced Collaboration

- Multi Writing up to 4
- Capture
- NEW** • Selection Tool
- Seamless Scroll
- Quick Finder
- Internal Storage



Easy sharing & presentation

- Versatile Connectivity
- NEW** • Screen Share
- Document Viewer
- Remote PC
- NEW** • Bluetooth Support
- Touch Out



Analog to digital showcase

- UHD Display
- Custom Screensaver
- Screen Lock
- NEW** • Various Form Options



Advanced convenience

- WPA2
- LDAP
- Content Lock
- OTN
- NEW** • Remote Management



Business applications



SMB

Samsung's Flip allows greater collaboration among company employees and stakeholders, enabling efficient teamwork and the sharing of new ideas.



Large enterprise

The Flip can synchronize to another large digital display using Wi-Fi network or HDMI connection, making it ideal for large meeting environments.



K-12

The Flip is the next generation of collaborative learning for classrooms, serving as an innovative upgrade to analog boards to keep kids engaged.



Higher education

Samsung's Flip allows educators to embrace active learning and enable students to generate new ideas, share and learn together.



Retail

The Flip can attract customers in a variety of ways, such as becoming a menu board or interactive whiteboard, bringing retailer's offerings to life.



Hotel

Hotels can efficiently and intuitively arrange and manage conference schedules being hosted at their venue, using the Samsung Flip.

Key features: WM65R



Pen mode & Brush mode notation Draw, write & inspire new ideas

Samsung Flip provides smooth and familiar pen-to-paper-like writing in a variety of colors, styles and widths, while Brush Mode allows users to create art at the stroke of a brush in water and oil painting modes. Up to 4 people can write simultaneously and erase drawings with a finger or palm swipe.



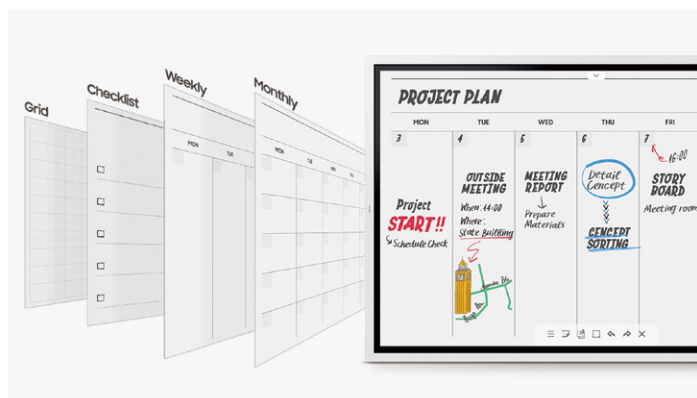
Annotation on Write on any background

Samsung Flip allows users 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.



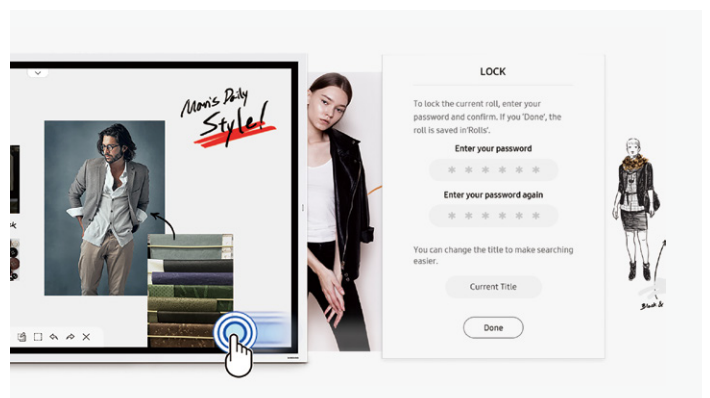
Selection tool & Merge to roll Flexible image editing

Bringing versatility to the board. With Samsung Flip, users 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.



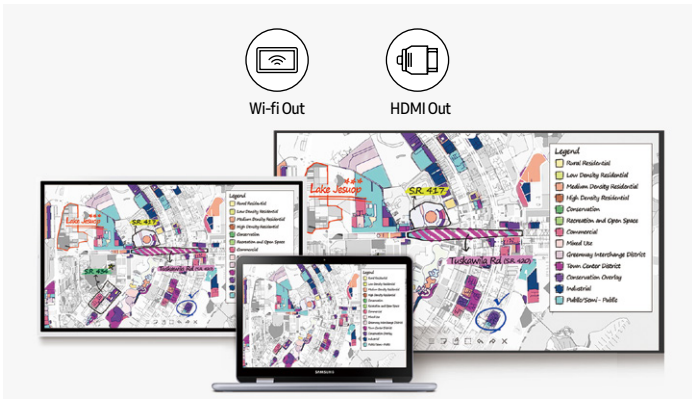
Various form options Suitable for all business needs

Samsung Flip can be used for a wide range of business applications, providing embedded versatile templates. You can use the Flip as a calendar, scheduler, note or checklist board. Samsung Flip perfectly matches any business need, enabling users to utilize the display in various customized ways.



Scroll & Lock Easy content navigation & protection

Samsung Flip has up to 20 pages of writing space per roll, allowing users to seamlessly scroll through pages. In addition, the Flip ensures that confidential meeting information remains in the right hands. Its reinforced lock system allows users to safeguard sensitive content from view.



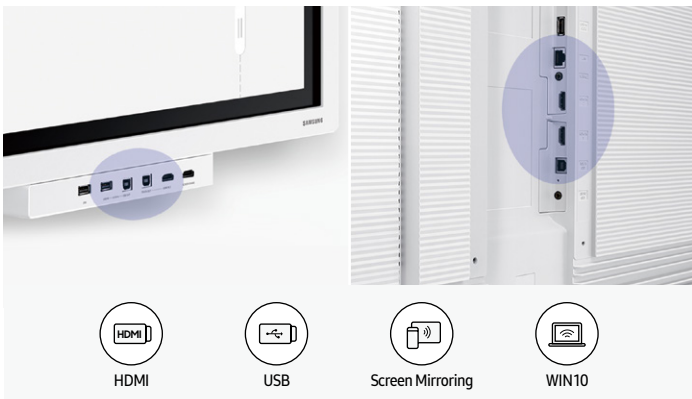
Screen share Large audience sharing

Users can project content on Samsung Flip to another large digital display in real time, using Wi-Fi network or HDMI out connection. Even connected to a personal device, the Flip display can be shared. This feature is ideal for large meeting environments, delivering information to bigger audiences.



Remote PC & Bluetooth support Connect from anywhere

The Samsung Flip allows users to connect their PC to the board remotely, meaning any meeting can be started without a PC to avoid delays and ensure efficiency. A Bluetooth keyboard, mouse and speaker can also be connected to the Flip, creating a convenient meeting environment.



Versatile connectivity Multiple connection options

Users are empowered by the Flip's versatile connection options. USB, HDMI, NFC and screen sharing capabilities enable optimum collaboration and provide interactive content visibility, notation and sharing. The Flip also offers an optional tray as a more powerful connectivity extension.



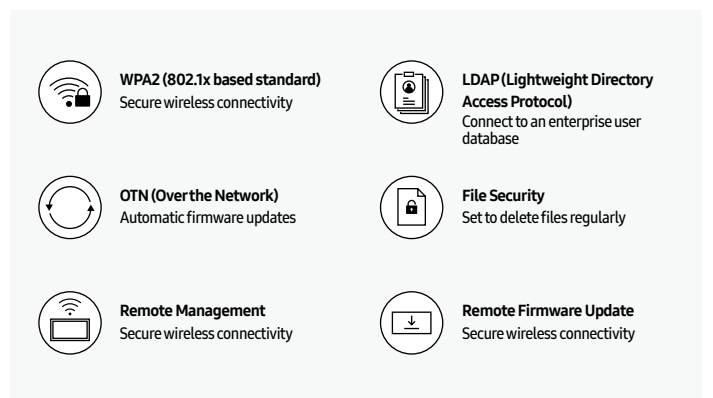
Easy sharing Effortless meeting recap distribution

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



UHD display & Tizen OS Precise visuals with powerful operation

Samsung Flip displays all content in clear UHD picture quality, regardless of the room, creating a compelling meeting environment. Backed by the powerful Tizen 5.0 operating system for a seamless user experience, embedded sensors automatically activate the display when the screen is knocked.



Advanced convenience Convenient, optimized management

Samsung Flip offers a host of improved capabilities, including secure wireless connection, automatic firmware updates, LDAP synchronization, file security and remote management – ensuring a convenient and productive meeting experience.

New features: WM55H



The Samsung Flip 55" provides two new features for enhanced collaboration. Firstly, annotation on mode allows users to add a layer on top of the display, allowing users to write on any background source. While remote monitoring offers auto save, auto power off and proxy server settings, in addition to allowing files to be deleted remotely, offering improved centralized management.

Feature list

Intuitive pen & paper experience	Enhanced collaboration	Easy sharing & presentation	Analog to digital showcase	Advanced convenience
<ul style="list-style-type: none"> Pen Mode Passive Pen Flexible Erasing NEW • Annotation On 	<ul style="list-style-type: none"> Multi Writing up to 4 Capture Seamless Scroll Quick Finder Internal Storage 	<ul style="list-style-type: none"> Versatile Connectivity Document Viewer Remote PC Touch Out 	<ul style="list-style-type: none"> UHD Display Custom Screensaver Screen Lock 	<ul style="list-style-type: none"> WPA2 LDAP Content Lock OTN NEW • Remote Management

Specifications

Model			WM55H	WM65R
Panel	Diagonal Size		55"	65"
	Type		60Hz E-LED	60Hz New Edge
	Resolution		3,840 x 2,160 (Landscape), 2,160 x 3,840 (Portrait)	3,840 x 2,160 (Landscape)
	Brightness(Typ.)		300 (without glass), 220 (with glass)	350 (without glass), 220 (with glass)
	Contrast Ratio(Typ.)		4700:1 (Typ.)(without glass)	4000:1 (Typ.)(without glass)
	Viewing Angle(H/V)		178:178	178:178
Sound	Response Time(G-to-G)		8ms(Typ.)	8ms(Typ.)
	Speaker Type		Built in Speaker (10W x 2)	Built in Speaker (10W x 2)
Connectivity	INPUT	VIDEO	HDMI 1	(Basic) HDMI 2, (With Tray) HDMI 3
		USB	USB 2 (ver 2.0x2, Side 1, Sensor Assy 1)	(Basic) USB 1, (With Tray) USB 2, USB External (In/Out)1
	OUTPUT	Touch Out	Touch Out 1 (Side, USB Upstream Type)	(Basic) Touch Out 1 (USB Upstream Type), Audio Out 1 (With Tray) Touch Out 2, Audio Out 1, Screen Share(HDMI-Out)1
		INTERNAL	SENSOR	NFC, Acceleration sensor, Proximity Sensor
Touch	EXTERNAL	CONTROL	Touch Input, RJ45 (not for User Control)	RS232C, LAN, WiFi/BT
		Type	Advanced IR	InGlass™
	# of Drawing		4 drawing	4 drawing (1024 level touch recognition)
	Touch Pen Type		Passive Pen	Passive Pen with magnet
Power	Object Recognition Range		2mm/ 4mm / 8mm / 50mm	2mm/ 4mm / 8mm / 50mm , 1024 Level on Brush Mode
	Touch Response Time		38ms - 46ms (According to number of Multi Drawing)	6.7ms
Power	Type		Internal	Internal
	Power Supply		AC100-240V 50/60Hz	AC100-240V 50/60Hz
	Power Consumption	Max[W/h]	165	181.5
		Typical[W/h]	100	100
		Rating[W/h]	150	165
		Stand-by[W/h]	0.5	0.5
BTU[W/h]		562.65	618.915	
Mechanical Spec	Dimension (mm)	Set	1302.6(W) x 805.5(H) x 52.0(D) mm	1522.4(W) x 62.9(H) x 897.6(D) mm
		Package	1469(W) x 924(H) x 210(D) mm	1691(W) x 198(H) x 1055(D) mm
	Weight (kg)	Set	28.9	40.0
		Package	34.9	50.6
	Color		Light Gray	Light Gray
	VESA Mount		400 x 400	400 x 400
	Protection Glass		Yes	Yes
	Stand Type		Moving Stand(Acc), Wall Mount	No-Gap Wall Mount
	Rotation		Available with Flip Stand (Rotation Syylinder Included)	Landscape only with Flip No-Gap Wallmount (Available with rotation support 3rd party accessory as sensor/portrait UX already applied on Flip)
	Power Cable Length		3m	3m
Operation	Accessory		Cover-Jack	Cover-Jack
	Operating Temperature		0°C - 40°C	0°C - 40°C
	Humidity		10-80%	10-80%
	Key		Flip App	Flip App
Feature	Special	H/W	Super Clear Coating, Temperature Sensor, Pivot Display, Clock Battery(168hrs Clock Keeping), Built in Speaker(10W x 2), WiFi Module Embedded	Super Clear Coating, Temperature Sensor, Pivot Display, Clock Battery(168hrs Clock Keeping), Built in Speaker(10W x 2), WiFi Module Embedded
		S/W	Flip S/W	Flip S/W
	Platform		Kant-M (Tizen 3.0)	Muse-M (Tizen 5.0)
	Processor		CA72 Quad(1.7GHz)	CA72 Quad(1.7GHz)
	On-Chip Cache Memory		L1 (I/D) : 32KB / 32KB, L2 (Unified) : 1MB	L1 (I/D) : 32KB / 32KB, L2 (Unified) : 1MB
	Clock Speed		1.7GHz CPU Quad	1.7GHz CPU Quad
	Main Memory Interface		LPDDR4 1400MHz 64bit 3GB	LPDDR4 1.6GHz 64bit 2.5GB
	Graphics		2D & 3D Graphics Engine - Up to 1920x1080. 32bpp - Supports OpenGL ES	2D & 3D Graphics Engine - Up to 1920x1080. 32bpp - Supports OpenGL ES
	Storage		8GB (2.65GB Occupied by O/S, 5.35GB Available,)	8GB (2.65GB Occupied by O/S, 5.35GB Available)
	IO Ports		USB 2.0	USB 2.0
Accessories	Included		Passive Pen(2), Power Cable, Touch Out Cable (USB upstream)	Passive Pen(2), Power Cable, Touch Out Cable (USB upstream)
	Optional	Stand (55") / Tray (65")	STN-WM55H	CY-TF65BRC
		Mount	WMN-6575SE	WMN-WM65R
Specialty		Flip UX	Flip UX	

Stand for Flip 55"			
Mechanical Spec	Dimension (mm)	Set	1023(W) x 1611(H) x 991(D) mm
		Package	1,682(W) x 221(H) x 1,038(D) mm
	Weight (kg)	Set	31.7
		Package	41.8
	Color		Light Gray
VESA Mount		400 X 400	
Rotation		Pivot Supports (90°)	
Connectivity	Extention Connectivity from SET		
Accessories	Included		
Feature	Special	H/W	Rotation(4-Wheels), Pivot(90°), Pen & NotePC Tray (Rear)

Wallmount for Flip 65"			
Mechanical Spec	Dimension (mm)	Set	520(W) x 280.3(H) x 15.9(D) mm
		Package	594(W) x 337(H) x 75(D) mm
	Weight (kg)	Set	1.75
		Package	3.2
	Color		Light Gray
VESA Mount		400 X 400	
Rotation		N/A	
Accessories	Included		
Feature	Special	H/W	Installation Guide, Screws

Optional Tray for Flip 65"			
Mechanical Spec	Dimension (mm)	Set	269.8(W) x 111.3(H) x 56.9(D) mm
		Package	294(W) x 136(H) x 69(D) mm
	Weight (kg)	Set	0.5
		Package	0.7
Color		Light Gray	
Connectivity	Extra Connectivity Ports		USB 1
			USB External (In/Out) 1
			Touch Out 1
			HDMI-In 1
			HDMI-Out(Screen Share) 1
Accessories	Included		
Feature	Special	H/W	Installation Guide, Screws
			Easy install with dock connector
			Front facing connector for BYOD usage

※ Specifications on the table are flexible and subject to change under certain circumstances.

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