



Samsung Flip

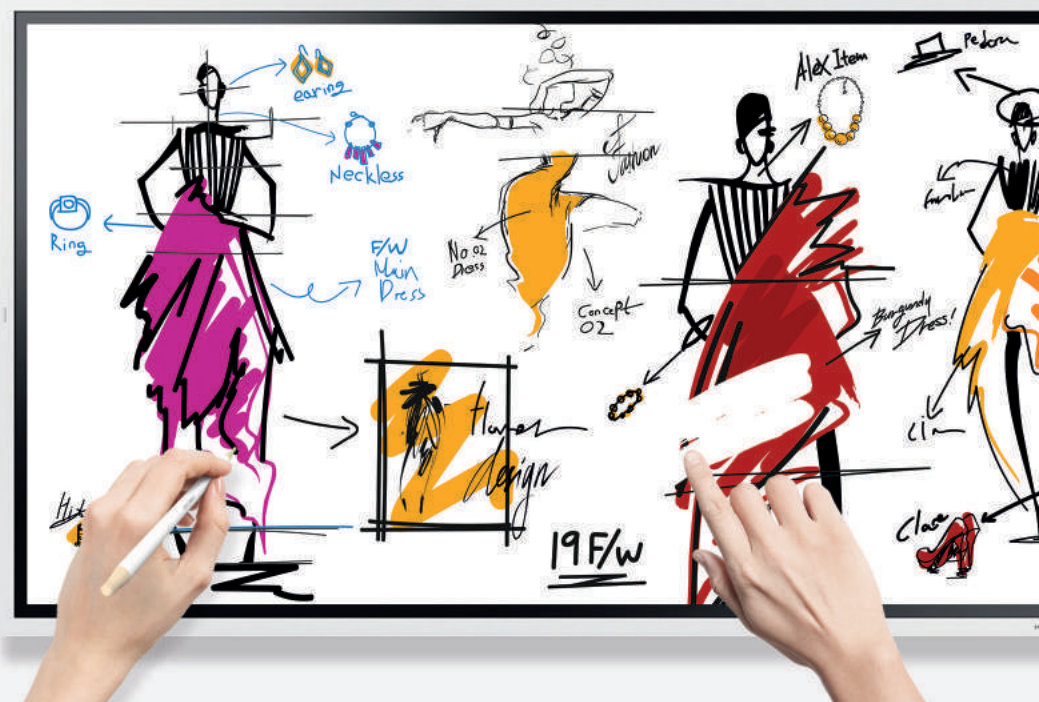
Flip the future of collaboration

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.

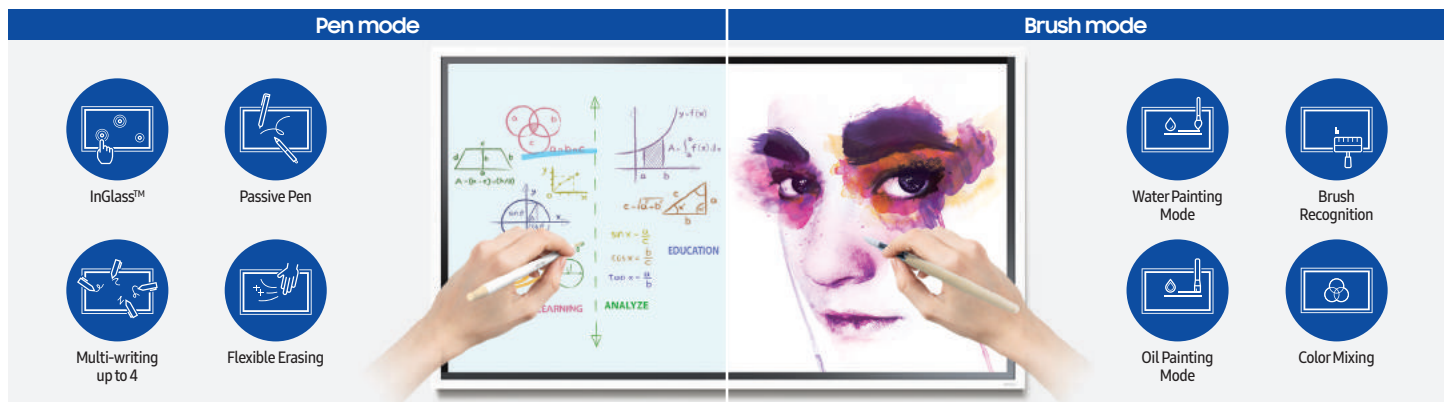


Retail
 The Flip can attract customers in a variety of ways, such as becoming a menu board or interactive whiteboard, bringing retailer's offerings to life.



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.



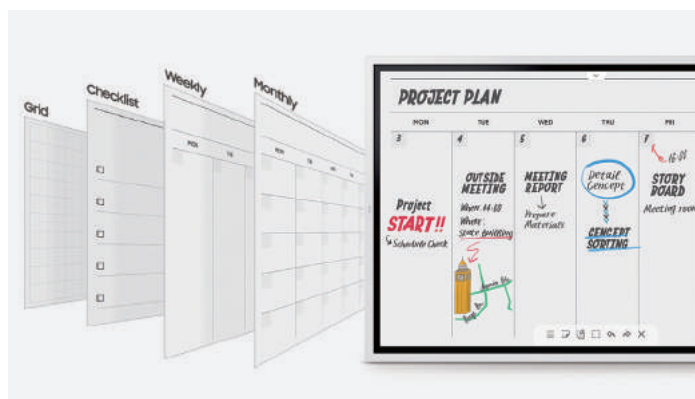
Annotation on Write on any background

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.



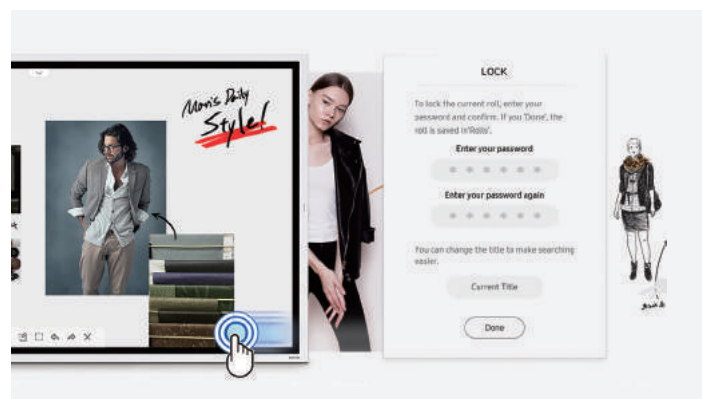
Selection tool & Merge to roll Flexible image editing

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.



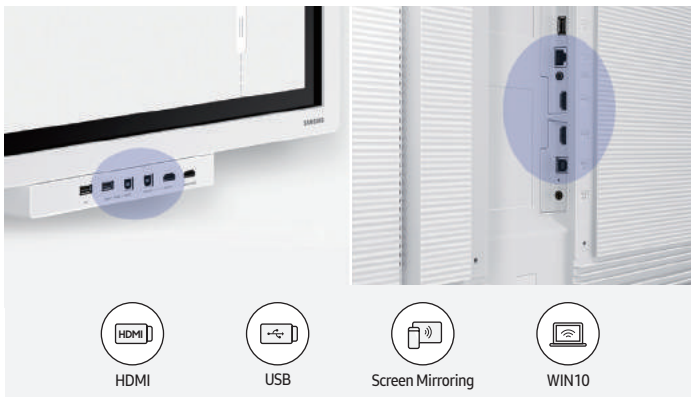
Screen share Large audience sharing

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.



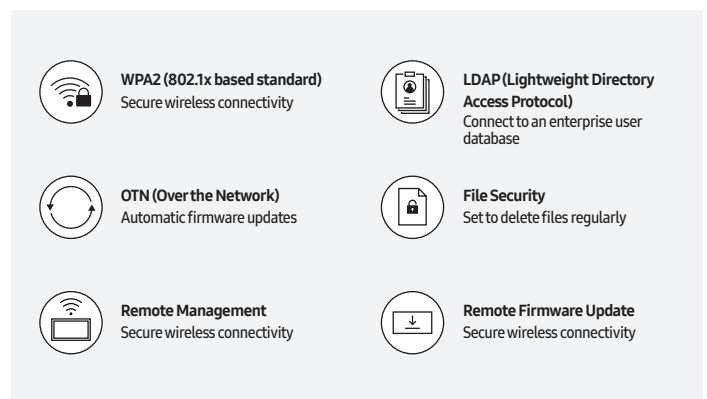
Easy sharing Effortless meeting recap distribution

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	
		USB	USB 2 (ver 2.0x2, Side 1, Sensor Assy 1)	
	OUTPUT	Touch Out	Touch Out 1 (Side, USB Upstream Type)	
		INTERNAL	SENSOR	NFC, Acceleration sensor, Proximity Sensor
EXTERNAL	CONTROL	Touch Input, RJ45 (not for User Control)		
Touch	Type		Advanced IR	
	# of Drawing		4 drawing	
	Touch Pen Type		Passive Pen	
	Object Recognition Range		2mm/ 4mm / 8mm / 50mm	
	Touch Response Time		38ms ~ 46ms (According to number of Multi Drawing)	
Power	Type		Internal	
	Power Supply		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	
		Package	1469(W) x 924(H) x 210(D) mm	
	Weight (kg)	Set	28.9	40.0
		Package	34.9	50.6
	Color	Light Gray		
	VESA Mount	400 x 400		
	Protection Glass	Yes		
	Stand Type	Moving Stand(Acc), Wall Mount		
	Rotation	Available with Flip Stand (Rotation Syllinder Included)		
	Power Cable Length	3m		
Accessory	Cover-Jack			
Operation	Operating Temperature	0°C~ 40°C		
	Humidity	10~80%		
Feature	Key	Flip App		
	Special	H/W	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	
		Platform	Kant-M (Tizen 3.0)	
	Internal Player (Embedded H/W)	Processor	CA72 Quad(1.7GHz)	
		On-Chip Cache Memory	L1 (I/D) : 32KB / 32KB, L2 (Unified) : 1MB	
		Clock Speed	1.7GHz CPU Quad	
		Main Memory Interface	LPDDR4 1400MHz 64bit 3GB	
		Graphics	2D & 3D Graphics Engine - Up to 1920x1080, 32bpp - Supports OpenGL ES	
		Storage	8GB (2.65GB Occupied by O/S, 5.35GB Available,)	
IO Ports		USB 2.0		
Operating System	Samsung Proprietary OS(VDLinux)			
Accessories	Included	Passive Pen(2), Power Cable, Touch Out Cable (USB upstream)		
	Optional	Stand (55" / Tray (65"	STN-WM55H	
		Mount	WMN-6575SE	
Specialty	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 1,038(H) x 221(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	HDMI 1 / Touch Out 1 / RJ45 1 / Power1	
Accessories	Included	Installation Guide	
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	Installation Guide, Screws	
Feature	Special	H/W	No-Gap Spacing Extra Bracket for strong fixation

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	USB1	
		USB External (In/Out)1	
		Touch Out 1	
		HDMI-In 1	
		HDMI-Out(Screen Share)1	
Accessories	Included	NFC 1	
Accessories	Included	Installation Guide, Screws	
Feature	Special	H/W	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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Samsung Flip

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