

# SAMSUNG



## Interactive Display

WAC series

### Unlimited learning possibilities.

Introducing Samsung WAC Series: an interactive display that provides an engaging educational experience for the classroom of the future. As an Android OS-based product, it offers a familiar and intuitive user experience for teachers and students. Teachers can engage students and boost learning thanks to the display's excellent compatibility with Android devices and intelligent apps that can be added to the custom home screen bar for convenience. Content can be shared back and forth between the large display and individual Android devices for an interactive lesson that ensures every student is included.

### Key features



#### Android OS

WAC series is an Android OS-based product with intuitive and convenient usability. It has excellent compatibility with Android-based devices, enabling more lively interactive classes with students.



#### Easy Multitasking

A variety of screen mode options, including split screen mode and multi window mode, make it easy to display and read multiple windows at the same time on the WAC series.



#### Powerful Screen Sharing

Users can share up to nine screens at once in real time for maximum productivity. With this feature, content can be shared both ways between the large display and individual devices to engage every student.

\*\* Screen sharing is available on devices with the following conditions: Windows 10 and higher / Mac OS X 10.11 and higher / Chrome 38 and higher / Android 5.1 and higher / iOS 10.0 and higher



#### Intelligent App for Class

Apps and tools can be added to the home screen bar for easy access. Intelligent apps, such as timers and stopwatches, help teachers get creative with their lessons to enrich the learning environment.



#### Multi-point Touch Drawing

Multiple users can write and draw on the whiteboard at the same time. WAC series enables multi-touch for up to 20 people for enhanced interactivity and productivity.



#### Dual Pen

Thanks to the double-sided nib applied, users can effortlessly switch between the front pen and back highlighter without needing to change the settings or interrupt their flow.

# Specifications

Samsung Interactive Display			WAC		
Panel	Diagonal Size		65"	75"	
	Type		Direct, 60Hz	Direct, 60Hz	
	Resolution		3,840 x 2,160 (Landscape)	3,840 x 2,160 (Landscape)	
	Brightness (Typ.)		390cd/m2 (without glass)	390cd/m2 (without glass)	
	Contrast Ratio (Typ.)		1,200:1	1,200:1	
	Viewing Angle (H/V)		178-178	178-178	
	Response Time (G-to-G)		8ms	8ms	
Operation Hour			16/7	16/7	
Sound	Speaker Type		Built-in Speaker (12W x 2CH)	Built-in Speaker (12W x 2CH)	
Connectivity	Input	RGB	1	1	
		Video	HDMI 3 (Rear 2, Front 1), USB C (Front), OPS	HDMI 3 (Rear 2, Front 1), USB C (Front), OPS	
		Audio	1 (Stereo Mini Jack)	1 (Stereo Mini Jack)	
	Output	USB	5 (2.0 x 1, 3.0 x 4)	5 (2.0 x 1, 3.0 x 4)	
		RGB	N/A	N/A	
		Video	HDMI Out (Rear)	HDMI Out (Rear)	
		Audio	1 (Stereo Mini Jack)	1 (Stereo Mini Jack)	
	Internal	Touch Out	Touch Out 2 (Front 1, Rear 1)	Touch Out 2 (Front 1, Rear 1)	
		Sensor	Eco Sensor	Eco Sensor	
	External	Control	Touch Input	Touch Input	
RS232C In/Out, RJ45 In/Out			RS232C In/Out, RJ45 In/Out		
BT/WiFi			Yes (Keyboard/Mouse)	Yes (Keyboard/Mouse)	
Touch	Type		IR	IR	
	# of Drawing		20 points touch	20 points touch	
	Touch Pen Type		Passive Pen	Passive Pen	
	Object Recognition Range		5mm/10mm/15mm	5mm/10mm/15mm	
	Touch Response Time		≤10ms	≤10ms	
	Drawing Speed (Touch latency)		≤45ms	≤45ms	
	Haze		25%	25%	
	Thickness		3.2T	3.2T	
Hardness			Tempered Glass	Tempered Glass	
Power	Type		Internal	Internal	
	Power Supply		AC100-240V 50/60Hz	AC100-240V 50/60Hz	
	Power Consumption	Max [W/h]	385W	385W	
		Typical [W/h]	200W	200W	
		Rating [W/h]	350W	400W	
		Stand-by [W/h]	0.5	0.5	
		BTU [W/h]	1,314	1,314	
Dimension (mm / in.)	Set	1,488 x 897 x 88mm / 58.5 x 35.3 x 3.5 in.	1,709 x 1,020 x 88mm / 67.2 x 40.1 x 3.5 in.		
	Package	1,628 x 1,005 x 208mm / 64 x 39.5 x 8.1 in.	1,863 x 1,140 x 225mm / 73.3 x 45 x 8.9 in.		
Weight (kg / lbs.)	Set	34.8kg / 76.7 lbs.	46.4kg / 102.3 lbs.		
	Package	48.7kg / 107.3 lbs.	62.9kg / 138.7 lbs.		
Color			Space Gray	Space Gray	
VESA Mount			600 x 400	800 x 400	
Protection Glass			Yes	Yes	
Stand Type			Wall Mount	Wall Mount	
Media Player Option Type			OPS Slot support	OPS Slot support	
Rotation			Landscape only	Landscape only	
Power Cable Length			3m	3m	
Accessory			Power Cord, Remote Controller, HDMI Cable, Touch Pen (2ea, Black), USB Cable, Warranty/QSG	Power Cord, Remote Controller, HDMI Cable, Touch Pen (2ea, Black), USB Cable, Warranty/QSG	
Operation	Operating Temperature		0°C-40°C	0°C-40°C	
	Humidity		10-80%	10-80%	
	Key		Android App Launcher	Android App Launcher	
Feature	Orientation		Landscape	Landscape	
	H/W		Touch Overlay (IR), Front Connectivity, OPS I/F Support (w/OPS Box), Eco Sensor, WiFi/BT Module Inbox	Touch Overlay (IR), Front Connectivity, OPS I/F Support (w/OPS Box), Eco Sensor, WiFi/BT Module Inbox	
	S/W	First Screen	Home UI (Multi Windows supported)	Home UI (Multi Windows supported)	
		Apps	Note app, Screenshare, Finder, Browser, etc.	Note app, Screenshare, Finder, Browser, etc.	
		WebRTC	Yes	Yes	
		Screen Share	Yes	Yes	
	Internal Player (Embedded H/W)	Processor	A55 x 4	A55 x 4	
		RAM	4GB	4GB	
		Storage	32GB	32GB	
		Operating System	Android 11 (AOSP)	Android 11 (AOSP)	
Security			802.1 x (WPA2 Enterprise)	802.1 x (WPA2 Enterprise)	
Accessories	Included		: EAP-TLS, EAP-TTLS, EAP-PEAP Power Cord, Remote Controller, HDMI Cable, Touch Pen (2ea, Black), USB Cable, Warranty/QSG	: EAP-TLS, EAP-TTLS, EAP-PEAP Power Cord, Remote Controller, HDMI Cable, Touch Pen (2ea, Black), USB Cable, Warranty/QSG	
	Optional	Stand Mount	N / A (3rd party company stand/mount can be supported through VESA)	N / A (3rd party company stand/mount can be supported through VESA)	

\* This specification is not a finalized version, so some specifications may change in April '23.

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