Interactive Display
WAD series

Unlimited Learning Possibilities

Introducing the Interactive Display WAD series that provides an engaging educational experience. The Interactive Display WAD series is based on Android OS and provides a familiar and intuitive user experience. You can download an d use major educational apps from Google Play. Additionally, major Google services such as YouTube and Chrome are installed by default and can be used immediately.

The WAD series makes the educational environment more convenient and efficient. It improves educators' productivity with various functions and convenient usability. Now open a new era of education with the WAD series.

Key features

Powered by Android™
The WAD series offers familiarity to its users. It is compatible with other Android devices, providing a variety of widgets and an easily customizable home screen.

EDLA Certification
With an EDLA certification, the WAD series supports a variety of Google services. Download major educational apps through Google Play and use pre-installed apps like YouTube and Chrome to increase efficiency and enhance communication with students.

Powerful Screen Sharing
Users can share up to nine screens at once for maximum productivity. With this feature, content is shared between the large display and individual devices, and vice versa, 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

Device Management Solution
A device management solution is essential to advancing educational environments. This solution optimizes the remote management of whiteboard settings and apps, guaranteeing operational efficiency and stability.

* The cloud-based DMS solution is supported free of charge for one year. Pricing policy is subject to change. For further details, please contact your account manager. The WAD series provides an on-prem DMS solution, so customer can select as a solution suitable for the local network situation where the products are installed.

Superior Durability
The WAD series protects against electrical surges by using a ceramic fuse and 500V(DC) capacitor that absorbs instant spikes in voltage. It is also a valuable tool for schools in high humidity or rainy climates with anti-humidity glue applied to the critical areas of the chipset.

* The features of enhanced surge and humidity protection for the WAD series are based on Samsung's internal testing.

Specifications

Samsung Interactive Display				WAD		
Panel		Diagonal Size		65"	75"	86"
		Type		Direct, 60Hz	Direct, 60Hz	Direct, 60Hz
		Resolution		3,840 x 2,160 (Landscape)	3,840 x 2,160 (Landscape)	3,840 x 2,160 (Landscape)
		Brightness(Typ.)		400cd/m² (w/o glass 450cd/m²)	400cd/m² (w/o glass 450cd/m²)	400cd/m² (w/o glass 450cd/m²)
		Contrast Ratio(Typ.)		1,200:1	1,200:1	1,200:1
		Viewing Angle (H/V)		178:178	178:178	178:178
		Haze		25%	25%	25%
		Response Time (G-to-G)		8ms	8ms	8ms
		Operation Hour		12/7	12/7	12/7
Display		Dynamic C/R		5,000:1	6,500:1	6,500:1
Sound		Speaker Type		Built in Speaker (12W x 2CH)	Built in Speaker (12W x 2CH)	Built in Speaker (12W x 2CH)
Connectivity	INPUT	RGB		1	1	1
		VIDEO		HDMI 3 (Rear 2, Front 1), USB C (Front), OPS	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)	1 (Stereo Mini Jack)
		USB		5 (2.0 x 1, 3.0 x 4)	5 (2.0 x 1, 3.0 x 4)	5 (2.0 x 1, 3.0 x 4)
	OUTPUT	RGB		N/A	N/A	N/A
		VIDEO		HDMI Out (Rear)	HDMI Out (Rear)	HDMI Out (Rear)
		AUDIO		1 (Stereo Mini Jack)	1 (Stereo Mini Jack)	1 (Stereo Mini Jack)
		Touch Out		Touch Out 2 (Front 1, Rear 1)	Touch Out 2 (Front 1, Rear 1)	Touch Out 2 (Front 1, Rear 1)
	INTERNAL	SENSOR		Eco Sensor	Eco Sensor	Eco Sensor
	EXTERNAL	CONTROL		Touch Input RS232C In/Out, RJ45 In/Out	Touch Input RS232C In/Out, RJ45 In/Out	Touch Input RS232C In/Out, RJ45 In/Out
		BT/WiFi		Yes (Keyboard/Mouse)	Yes (Keyboard/Mouse)	Yes (Keyboard/Mouse)
Touch		Type		IR	IR	IR
		# of Drawing		40 points	40 points	40 points
		Touch Pen Type		Passive Pen	Passive Pen	Passive Pen
		Object Recognition Range		5mm/10mm/15mm	5mm/10mm/15mm	5mm/10mm/15mm
		Object Recognition Range (Minimum)		3mm	3mm	3mm
		Touch Response Time		≤10ms	≤10ms	≤10ms
		Drawing Speed (Touch latency)		≤45ms	≤45ms	≤45ms
		Thickness		3.2T	3.2T	3.2T
Power		Type		Internal	Internal	Internal
		Power Supply		AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
	Power Consumption	Max [W/h]		385W	385W	485W
		Typical [W/h]		184.01W (IEC 62087 Measurement Standard) 101.96W (Energy Star 8.0 Standard)	169.39W (IEC 62087 Measurement Standard) 108.63W (Energy Star 8.0 Standard)	205.84W (IEC 62087 Measurement Standard) 134.36W (Energy Star 8.0 Standard)
		Rating [W/h]		350W	400W	500W
		Stand-by [W/h]		0.5	0.5	0.5
		BTU [W/h]		1,313	1,313	1,657
Mechanical	Dimension (mm)	Set		1,488 × 897 × 88mm	1,709 × 1,020 × 88mm	1,957 × 1,160 × 99mm
		Spec		1,628 × 1,024 × 208mm	1,863 × 1,140 × 225mm	2,110 × 1,283 × 225mm
	Weight (kg)	Set		33.9kg	45.5kg	56.5kg
		Package		42.9kg	57.6kg	74.3kg
		VESA Mount		600 x 400	800 x 400	800 x 600
		Protection Glass		Yes	Yes	Yes
		Stand Type		Wall Mount	Wall Mount	Wall Mount
		Media Player Option Type		OPS Slot support	OPS Slot support	OPS Slot support
		Rotation		Landscape only	Landscape only	Landscape only
		Power Cable Length		3m	3m	3m
Design		Bezel Color		Space Gray	Space Gray	Space Gray
Operation		Operating Temperature		0℃~40℃	0℃~40℃	0℃~40℃
		Humidity		10~90%	10~90%	10~90%
Feature		Key		EDLA Certified Android Model (Google Play supported)	EDLA Certified Android Model (Google Play supported)	EDLA Certified Android Model (Google Play supported)
		Orientation		Landscape	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	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)	Home UI (Multi Windows supported)
		Apps		Playstore, Chrome, Youtube, Google Drive, Note app, Screenshare, Finder, etc	Playstore, Chrome, Youtube, Google Drive, Note app, Screenshare, Finder, etc	Playstore, Chrome, Youtube, Google Drive, Note app, Screenshare, Finder, etc
		WebRTC		Yes	Yes	Yes
		Screen Share		Yes	Yes	Yes
	Internal Player (Embedded H/W)	Processor		A55 x 4	A55 x 4	A55 x 4
		RAM		8GB	8GB	8GB
		Storage		64GB	64GB	64GB
		Operating System		Android 13	Android 13	Android 13
Certification		Safety		60950-1 / 62368-1	60950-1 / 62368-1	60950-1 / 62368-1
		EMC		Class A	Class A	Class A
		Environment		ENERGY STAR 8.0, TUV LBL/FF	ENERGY STAR 8.0, TUV LBL/FF	ENERGY STAR 8.0, TUV LBL/FF
		Security		802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP	802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP	802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP
Accessories		Included		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	Power Cord, Remote Controller, HDMI Cable, Touch Pen(2ea, Black), USB Cable, Warranty/QSG
	Optional	Stand		N / A	N / A	N / A
		Mount		(3rd party company stand/mount can be supported through VESA)	(3rd party company stand/mount can be supported through VESA)	(3rd party company stand/mount can be supported through VESA)

About Samsung Electronics Co., Ltd.

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