



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 and use major educational apps from Google Play. Additionally, Google Workspace Apps such as Drive, 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 provides an intuitive tablet-like interface for an easily customizable home screen.



EDLA certification

With an EDLA certification, the WAD series is officially supported by Google and their 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 and also broadcast to student devices. 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.



Built to last

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

Specifications

Model		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/m ²	400cd/m ²	400cd/m ²	
	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	
Display	Dynamic C/R	5,000:1	6,500:1	6,500:1	
Sound	Speaker Type	Bult in Speaker (15W X 2CH)	Bult in Speaker (15W X 2CH)	Bult in Speaker (15W X 2CH)	
Connectivity	INPUT	RGB VIDEO AUDIO USB	HDMI 3 (Rear 2, Front 1), USB C (Front), OPS 1 (Stereo Mini Jack) 5 (2.0 x 1, 3.0 x 4)	1 (Stereo Mini Jack) HDMI 3 (Rear 2, Front 1), USB C (Front), OPS 5 (2.0 x 1, 3.0 x 4)	HDMI 3 (Rear 2, Front 1), USB C (Front), OPS 1 (Stereo Mini Jack) 5 (2.0 x 1, 3.0 x 4)
	OUTPUT	RGB VIDEO AUDIO	N/A HDMI Out (Rear) 1 (Stereo Mini Jack)	HDMI Out (Rear) 1 (Stereo Mini Jack)	HDMI Out (Rear) 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)	Yes (Keyboard/Mouse)
	Type	IR	IR	IR	IR
	# of Touch	40 points	40 points	40 points	40 points
Touch	Touch Pen Type	Passive Pen	Passive Pen	Passive Pen	Passive Pen
	Object Recognition Range	5mm/10mm/15mm	5mm/10mm/15mm	5mm/10mm/15mm	5mm/10mm/15mm
	Object Recognition Range (Minimum)	3mm	3mm	3mm	3mm
	Touch Response Time	≤10ms	≤10ms	≤10ms	≤10ms
	Drawing Speed (Touch latency)	≤45ms	≤45ms	≤45ms	≤45ms
	Thickness	3.2T	3.2T	3.2T	3.2T
Power	Type	Internal	Internal	Internal	Internal
	Power Supply	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz	AC100-240V 50/60Hz
	Max [W/h]	385W	385W	385W	486W
	Power Consumption	184.01W (IEC 62087 Measurement Standard) 132.2W (Energy Star 8.0 Standard)	169.39W (IEC 62087 Measurement Standard) 153.9W (Energy Star 8.0 Standard)	205.84W (IEC 62087 Measurement Standard) 183.55W (Energy Star 8.0 Standard)	205.84W (IEC 62087 Measurement Standard) 183.55W (Energy Star 8.0 Standard)
	Rating [W/h]	350W	400W	500W	500W
	Stand-by [W/h]	0.5	0.5	0.5	0.5
Mechanical	BTU [W/h]	1,313	1,313	1,313	1,657
	Dimension (mm)	Set 1,488 x 897 x 88 mm / 58.6 x 35.3 x 3.5 in. Package 1,628 x 1,024 x 208 mm / 64 x 40.3 x 8.2 in.	1,709 x 1,020 x 88 mm / 67.3 x 40.2 x 3.5 in. 1,863 x 1,140 x 225 mm / 73.3 x 44.9 x 8.9 in.	1,957 x 1,160 x 99 mm / 77 x 45.7 x 3.9 in. 2,110 x 1,283 x 225 mm / 83 x 50.5 x 8.9 in.	1,957 x 1,160 x 99 mm / 77 x 45.7 x 3.9 in. 2,110 x 1,283 x 225 mm / 83 x 50.5 x 8.9 in.
	Weight (kg)	Set 33.9 kg / 74.7 lbs. Package 42.9 kg / 94.6 lbs.	45.5 kg / 100.3 lbs. 57.6 kg / 127 lbs.	56.5 kg / 124.6 lbs. 74.3 kg / 164 lbs.	56.5 kg / 124.6 lbs.
	VESA Mount	600 x 400	800 x 400	800 x 600	800 x 600
	Protection Glass	Yes	Yes	Yes	Yes
	Stand Type	Wall Mount	Wall Mount	Wall Mount	Wall Mount
Design	Media Player Option Type	OPS Slot support	OPS Slot support	OPS Slot support	OPS Slot support
	Rotation	Landscape only	Landscape only	Landscape only	Landscape only
	Power Cable Length	3m	3m	3m	3m
	Bezel Color	Space Gray	Space Gray	Space Gray	Space Gray
Operation	Operating Temperature	0°C-40°C	0°C-40°C	0°C-40°C	0°C-40°C
	Humidity	10-80%	10-80%	10-80%	10-80%
Feature	Key	EDLA Certified Android Model (Google Play supported)	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	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	Touch Overlay (IR), Front Connectivity, OPS I/F Support (w/OPS Box), Eco Sensor, WiFi/BT Module Inbox
	S/W	First Screen Apps WebRTC Screen Share	Home UI (Multi Windows supported) Playstore, Chrome, YouTube, Google Drive, Note app, Screenshare, Finder, etc.	Home UI (Multi Windows supported) Playstore, Chrome, YouTube, Google Drive, Note app, Screenshare, Finder, etc.	Home UI (Multi Windows supported) Playstore, Chrome, YouTube, Google Drive, Note app, Screenshare, Finder, etc.
	Internal Player (Embedded H/W)	Processor RAM Storage Operating System	A55 x 4 8GB 64GB Android 13	A55 x 4 8GB 64GB Android 13	A55 x 4 8GB 64GB Android 13
	Safety	60950-1 / 62368-1	60950-1 / 62368-1	60950-1 / 62368-1	60950-1 / 62368-1
	EMC	Class A	Class A	Class A	Class A
	Environment	ENERGY STAR 8.0, TUV LBL/FF 802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP	ENERGY STAR 8.0, TUV LBL/FF 802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP	ENERGY STAR 8.0, TUV LBL/FF 802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP	ENERGY STAR 8.0, TUV LBL/FF 802.1x(WPA2 Enterprise) : EAP-TLS, EAP-TTLS, EAP-PEAP
	Security				
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	Power Cord, Remote Controller, HDMI Cable, Touch Pen (2ea, Black), USB Cable, Warranty/QSG
	Optional	Stand (3rd party company stand/mount can be supported through VESA)	N / A (3rd party company stand/mount can be supported through VESA)	N / A (3rd party company stand/mount can be supported through VESA)	N / A (3rd party company stand/mount can be supported through VESA)
	Stand Mount				

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