RICOH Interactive Whiteboard

A6510
A7510
A8610

RICOH
imagine. change.

The RICOH Interactive Whiteboard A series has been reborn with improved usability and security.

The advanced EDLA-certified RICOH Interactive Whiteboard A series 2nd generation has improved security and supports many applications that can be conveniently used in corporate and educational scenes. It fosters smooth communication and maximizes collaboration. With intuitive operation similar to that of your smartphone, the RICOH Interactive Whiteboard A series 2nd generation is more user-friendly than ever.

RICOH Interactive Whiteboard A series 2nd generation

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Key features

- Embedded Android and Google EDLA certified.
- Expandable with Windows controllers.
- Wirelessly connect to PCs and peripherals at hand.
- As a starting point for communication, type in your idea instantly and share on the fly.

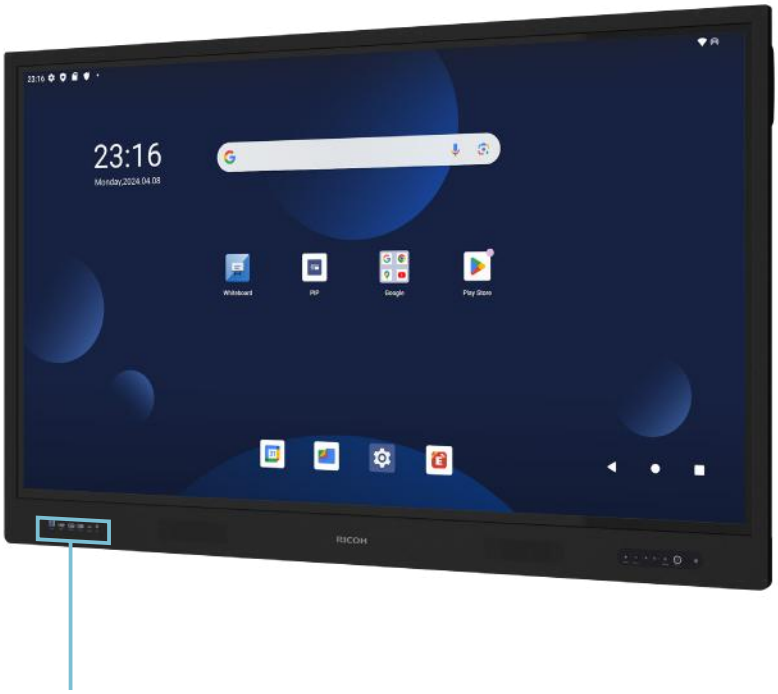
Powerful and Feature-Rich Hardware Design

EDLA certified
Google Mobile Service (GMS) is available and comes pre-installed with useful Google applications, including Google Chrome and others. Google Play Protect also ensures that apps and devices are secure.

User comfort
Blue light cut function reduces eye fatigue. The anti-fingerprint finish on the screen surface resists fingerprints and smudges, and if smudges do stick, they can be removed with a light wipe.

Large RAM/ROM
Peak performance with 8GB of RAM and 128GB of ROM for fast response and stable operation.

40-point multi-touch functionality with a smooth and comfortable operation
Up to 40 simultaneous touch points enable more active collaboration with multiple people writing at the same time. It can work seamlessly with the major operating systems including Windows, Android, Linux, Mac, and Chrome.



Versatile connectivity with a front-facing interface
Supports a range of interfaces such as HDMI, USB, Microphone and the latest USB Type-C. The interface ports are mounted on the front of the IWB to make it easy to connect an external device.

Powerful audio
Equipped with a pair of 15W speakers for clear high-definition audio.

Connect wirelessly
Supports Bluetooth (5.2) for wireless connection to audio and other devices. It also supports the latest Wi-Fi6 for high-speed communication.

ENERGY STAR® certifiedt
This is an environmentally-friendly ENERGY STAR certified product.

Plug and Play Android Apps

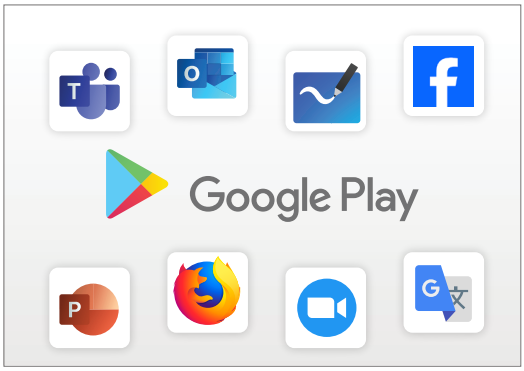
Useful pre-installed applications

The embedded Android OS allows you to use a wide range of pre-installed applications such as whiteboard and wireless presentation applications right out of the box. Apps are easily accessible from a list screen and can also be managed in folders for each purpose.

Application store

Google Play Store

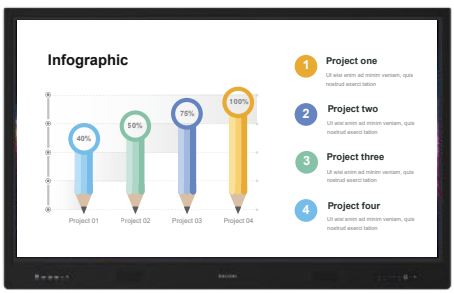
Users have direct access to the Google Play store and can install a variety of applications depending on their usage scenario.



Seamless wireless presentation and collaboration

EShare

You can perform wireless screencasting from any OS, such as Windows, iOS, Mac, Android, Chrome and Ubuntu. Make your meetings and classes even more efficient thanks to the ability to display up to four screens at once. Operation of PCs is also available from IWB wirelessly.



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Easy-to-use digital whiteboard

Whiteboard

The digital whiteboard is an excellent tool to maximize collaboration at meetings and classes. When the meeting or class is over, you can save the contents to the cloud for future sharing.

Floating Toolbar

A toolbar with pen and eraser functions and the ability to insert shapes. The handwriting text conversion and handwriting shape conversion functions allow you to convert handwritten text to digital and handwritten shapes to digital. Once converted to text or shapes, size, color, and placement can also be converted.

Option Box

Includes useful classroom and meeting tools such as rulers, sticky notes, mind maps, PDFs, and table inserts. It also includes web search, YouTube viewing, and split-screen capabilities for active collaboration in classrooms and meetings.

Navigation Bar

You can move, add and delete pages, and add up to 299 pages. Various templates are also available, such as background color change, sheet music, soccer court, and so on.

Easier information sharing

Picture in Picture

External video input can be displayed separately on a small screen in a portion of the screen. This allows you to review multiple pieces of information at the same time, enabling efficient information sharing in various situations such as meetings, classes, and presentations.

Effectively communicate information on a large screen

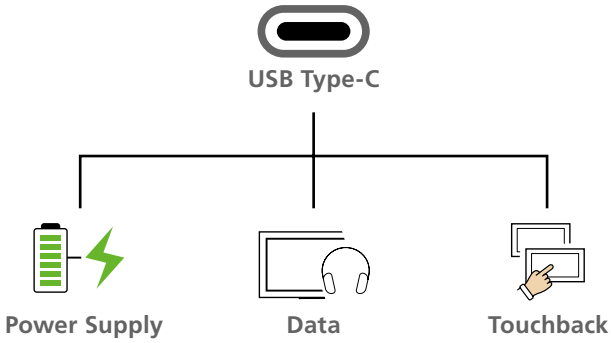
Signage

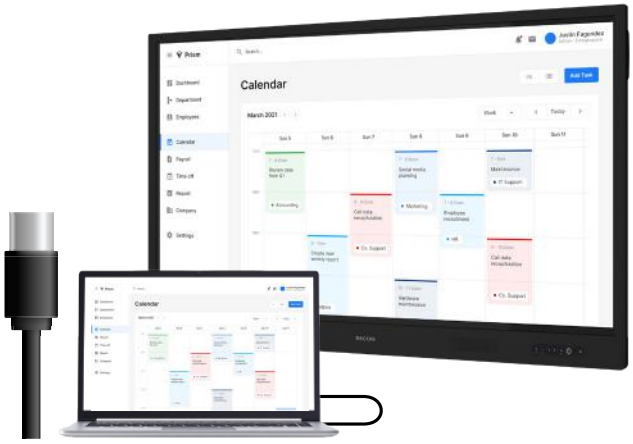
Text information, images, and videos can be inserted and displayed on the screen based on a template. In addition to use as a welcome board, information can be displayed on a large screen, making it useful for communicating information at events and during emergencies.

Flexible Functions and Solutions

Frustration-free user experience with USB Type-C connection

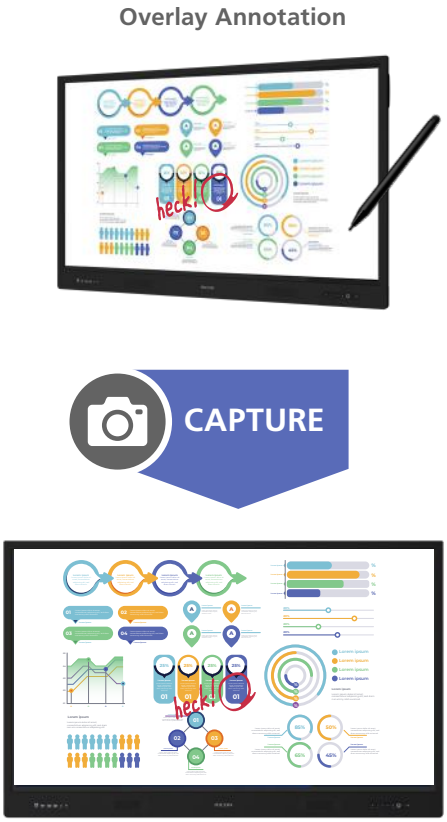
The included USB Type-C cable allows you to simultaneously send images, pass along touch controls, and supply power to the device all with a single cable. By simply plugging in, you can freely perform operations on your PC directly from the IWB.





Overlay annotation and smooth capture

The embedded annotation tool allows you to annotate on any displayed image. You can easily capture annotations on a displayed image and then paste the image onto the whiteboard. This can then be saved as the meeting minutes after finishing discussions.



Customizing the IWB by user account

Log in with the account you added to the IWB to access the personal environment you set up. If the IWB is shared by multiple users, different accounts can improve usability and prevent data confusion. You can add up to 25 accounts.

Access With different account

Various Use Scenes

When you need it, where you need it, more convenience with the Floating Bar

The Floating Bar is an innovative feature that accelerates user interaction when using IWB. The ball can be moved anywhere on the screen, and the user can show or hide it as needed. In addition, a long press allows users to customize their own shortcuts for frequently used operations.

OPTION

*This is an image picture

RICOH IWB Software Suite for Windows

Dedicated software for Windows OPS with annotation, whiteboard and wireless projection functions. The top screen of the dedicated launcher provides an easy-to-view, easy-to-use screen display for highly accessible usability.

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Whiteboard
PIP
Google
Play Store
RICOH

INTERACTIVE FLAT PANEL DISPLAYS A6510 A7510 A8610
MAIN SPECIFICATIONS

CATEGORY	ITEMS	A6510	A7510	A8610
LCD Panel	Diagonal Screen Size	65 inch	75 inch	86 inch
	Display Type	VA(HVA)	VA(HVA)	VA(AMVA3)
	Orientation	Landscape		
	Backlight	Direct LED, flicker free (DC Dimming)		
	Resolution	3,840 x 2,160(4K)		
	Color	1,07 Billion		
	Brightness	400cd/m2		
	Aspect Ratio	16:9		
	Contrast Ratio	5000:1 (typ.)	5500:1 (typ.)	4000:1 (typ.)
	Pixel Pitch	0.124mm(H)x 0.372mm(V)	0.14325mm(H)x 0.42975mm(V)	0.4935mm(H)x 0.4935mm(V)
	Response Speed	typ 6.5ms Panel Spec.	typ 6.5ms X Panel Spec.	typ 8ms X Panel Spec.
	View Area	1,428mm(H) X 803 mm(V)	1,650mm(H) X 928 mm(V)	1,895mm(H) X 1,065 mm(V)
	Viewing Angle	178° (H)/178° (V) (typ.) Panel Spec.		
	Refreshing Frequency	60Hz		
	LED Life time	50,000hrs (typ)		
Cover glass	Thickness	3.2mm 0.2mm		
	Coating	Pre-treated AG (Anti-glare), AF (Anti-fingerprint)		
	Hardness	8H(Pencil hardness)		
Touch	Technology	Infrared Touch Frame Zero Bonding		
	Maximum Touch Points	40		
	Positional Accuracy	+ 1mm		
	os Environment	Win11/10/8/7/XP, Android, Linux, Mac os X, Chrome, Linux test version: Ubuntu Kylin 18.04.1 LTS Mac test version: 10.14. Chrome test version: 73.0.3683.114(64-bit)		
	Touch pen request	Pen tip (thin): 2.8mm in diameter Pen tip (thick): 10mm in diameter		
	Interpolation Resolution	32768x32768		
	Touch output/Connect Type	USB2.0		
Inferface	Front Interface	USB C in (Full/PD65W) x1, USB A 3.0 Publicx2, USB B 3.0 (TOUCH) x1 HDMI 2.0 in x1, MIC In x1		
	Side Interface	USB Type-A (3.0, Public) x2, USB Type-C (Full/PD15W) x1, USB Type-B 3,0 (TOUCH) x3 Slot x1 HDMI 2.0 in x2, DisplayPort 1.2 in x1, OPS		
	Bottom Interface	RS232 x1, Audio-out x1, Line out or Headphone x1, SPDIF x1, HDMI 2.0 out x1 USB A 3.0 for Android x1, LAN 1000Base-T		
Structure	Dimensions	1,512.9 mmx 952.8mm x 92.5 mm	1,735.1mm x 1,077.3mm x 92.4 mm	1,981mm x 1,217m x 92.2 mm
	Weight	40kg±3kg	52kg ±3kg	65kg±3kg
	Housing Material (Face frame/ Back shell)	Aluminum/Metal plate		
	Housing Color (Face frame/ Back shell)	Black/Black		
	VESA	VESA : 4-M8 Screw Hole 600mmx400mm	VESA : 4-M8 Screw Hole 800mmx400mm	VESA : 4-M8 Screw Hole 800mmx400mm
	Speakers	15W x 2		
	Dust Resistant	No		
CTL	OS	Android 13.0 EDLA		
	RAM	8GB		
	ROM(Storage)	128GB		
	CPU/Chipest	Cortex-A73*4core + Cortex-A53*4core / Amlogic A311D2		
	GPU	Mali G52 MP8 (8EE)		
	Wireless Inferface	IEEE802.11a/b/g/n/ac/ax Bluetooth BT5.2 Wifi6 Module : 574Mbps@2.4GHz 2*2 11ax - 1204Mbps@5GHz 2*2 11ax Wifi5 Module : - 150Mbps@2.4GHz 1*1 11n - 433Mbps@5GHz 1*1 11ac		
Electrical	Power Source	AC 100V~240V(NA : 120V, EU/AP : 220~240V) 50/60Hz(NA : 60Hz, EU/AP : 50Hz)		
	Power Consumption	380W	420W	520W
	Power Consumption without OPS *Typical	<200W		
	Power Consumption without OPS *Eco mode	<133W	<150W	<168W
	Power Consumption (Standby)	<0.5W Default <2W(Wake On LAN) Off mode<0.3W		
	Power Consumption without OPS *Eco mode	1		
Other	Remote Control Sensor	Yes		
	Motion Detection Sensor	No		

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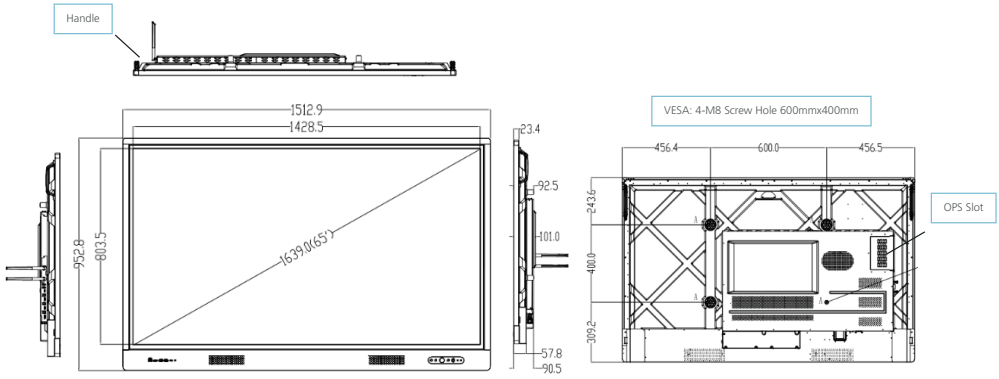
CATEGORY	ITEMS	A6510	A7510	A8610
Usage conditions	Operating temperature	0°C 40°C (32° F 104° F), Standard temperature : 23°C		
	Operating humidity	20-80% RH Non-Condensing, Standard humidity : 50%		
	Operating altitude		0~5,000m	
	Maximum daily operation hours(-exclude stand-by time)	18 hours/day (24 hours) * * Do not use the machine continuously / cause display malfunction. Manually switch and/or [Energy Conservation] to power off intermittently for more than 18 hours per day. to Sleep mode when the machine is not the display. Exceeding maximum operating hours may being used. You can also set [Auto Standby]		
	Environmental sensor	No		
Storage conditions	Storage temperature	-10°C-50°C	-10°C-50°C	-10°C-50°C
	Storage humidity	15%RH-80% RH	15%RH-80% RH	15%RH-80% RH
	Shelf life	14 months (*After manufacturing)		

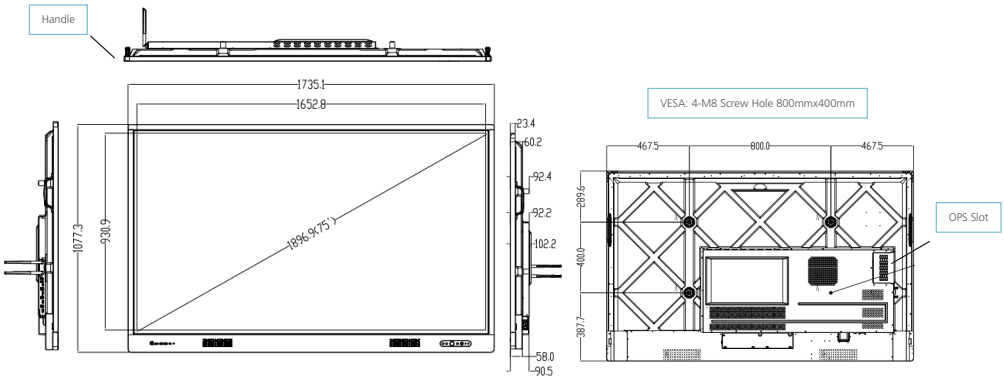
Design A6510

VESA: 4-M8 Screw Hole 600mmx400mm



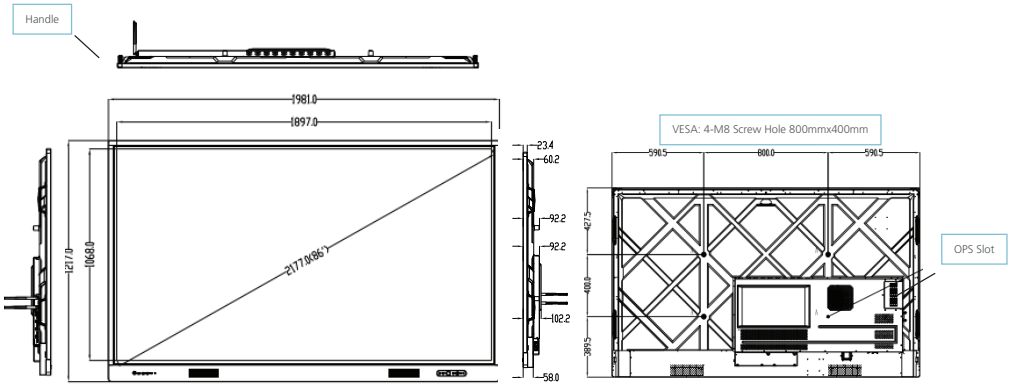
Design A7510

VESA: 4-M8 Screw Hole 800mmx400mm



Design A8610

VESA: 4-M8 Screw Hole 800mmx600mm



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