RICOH
imagine. change.

RICOH
Interactive Whiteboard
D8400

Transform everyday meetings into dynamic collaborations

What's the big idea? More importantly, what's the best way to share it with others? Use the RICOH® Interactive Whiteboard (IWB) D8400 to showcase digital presentations with 4K resolution on an 84-inch flat-panel display from classrooms to the boardroom. Use multiple interfaces to connect to your choice of analog, digital and audio devices and share your messages easily and economically. Connect to your PC or Mac® for convenient touchscreen control and add handwritten notes, edits and other markings directly to your presentation. Or, choose the IWB D8400 with integrated RICOH Interactive Whiteboard Controller for more precise editing, advanced collaborative tools, remote viewing options and additional security.

Connect with any audience

You'll see the impact of showcasing your work in lifelike 4K resolution immediately. The IWB D8400 LCD display is enhanced by an LED backlight and minimal reflection, as well as a unique blue light mode to reduce eyestrain. Use the remote control to move between tasks and share images, videos, spreadsheets and more with amazing 3840 x 2160 dpi resolution for clear, impressive visuals from anywhere in the room. Replicate more than one billion colors and produce sharper lines, text and shading. It's HDMI-ready and you don't need to configure software, calibrate settings or search for IT support. With wireless connectivity, you don't even need a LAN connection. Simply pair it with your PC, tablet, smartphone, USB flash drive* or other device** and share audio and visuals with students, colleagues, clients and other audiences in moments.

*Can open PDF and PowerPoint files in USB flash drive devices.
**Tablets, Mac and smartphones require adaptors.

Make your presentation more personal

Let your audience share in the experience. With an embedded interactive touch sensor, you can add audience feedback — including new text or shapes around key details — via your fingertip or felt-tip pen. Opt for the Pen Sensor Kit* to add or highlight information with even more precision on your most detailed drawings and schematics. Use the same scrolling, flicking and pinching techniques you use on your smartphone or tablet to resize images and text with ease. Download images and files from any iPad®, Android™ or Windows® personal mobile device in the room and add them to the presentation via Near Field Communications (NFC) technology. To encourage even more participation, invite up to four people to add dynamic details via touchscreen control simultaneously.

*For IWB D8400 with controller only.

Reach more people in more places

There's no limit to what you can do with good information. So why limit yourself by sharing it with only those in the room? Add options for remote audiences while improving meeting effectiveness and reducing travel expenses. Choose the IWB D8400 with an embedded controller and showcase your presentation in up to 20 network locations when paired with other RICOH Interactive Whiteboards or RICOH Interactive Business Projections Systems. Up to 20 other devices per IWB can view the presentation in real time via web browser on their smartphone, tablet, laptop or other device.* Or, with a RICOH Unified Communication System, participants can interact via the picture-in-picture function and share ideas and edits with each other instantly.

*Remote license is required for remote collaboration.

Showcase your biggest, most dynamic ideas

Transform new information into immediate action

Collaboration shouldn't stop when your presentation does. Turn your revised presentation into a password-protected PDF file that you can email directly to recipients through your LDAP directory. Let them add feedback, edits and other highlights and share them with the rest of the group or to an entirely new audience in moments. Each revision can be saved as a searchable PDF, so you can retrieve new information quickly using keywords. Download the Ricoh iPad® or Android tablet app* to modify the presentation even when you're on the road, in meetings or away from the office. You can also use the IWB with the RICOH Smart Device Connector app to upload or download PDFs and print via RICOH's Universal Print Driver.

*For IWB D8400 with controller only.

Choose your audience

When you stay in control, your message stays on point. Use PIN access codes to choose who gets to view your presentation. When it's done, save it — including your handwritten notes — to a USB drive or network shared directory. You can even save it to the board's solid-state drive until you can find a more permanent option. Your data is password protected or deleted the moment you shut off the device, so you don't have to worry about confidential information being seen by the next group to use the whiteboard. You can also take advantage of McAfee Whitelist to help protect your information against viruses and from having it end up in the wrong hands.

Share big ideas on the big screen

Make your presentation memorable by making it bigger. Use the oversized 84-inch flat-panel display to share detailed schematics, blueprints and charts with colleagues and clients in an office or conference room. Project lesson plans, images and Blu-Ray movies to students in a classroom or smaller auditorium. Every viewer, whether sitting in front of the screen or standing in the back of the room, will see brilliant colors and sharp images with true-to-life 4K resolution. Want to share it with even more people? Connect the IWB to a RICOH Business Projection System and present to larger audiences in auditoriums, gyms, atriums and other venues without losing the fingertip control you need to make edits and add feedback.
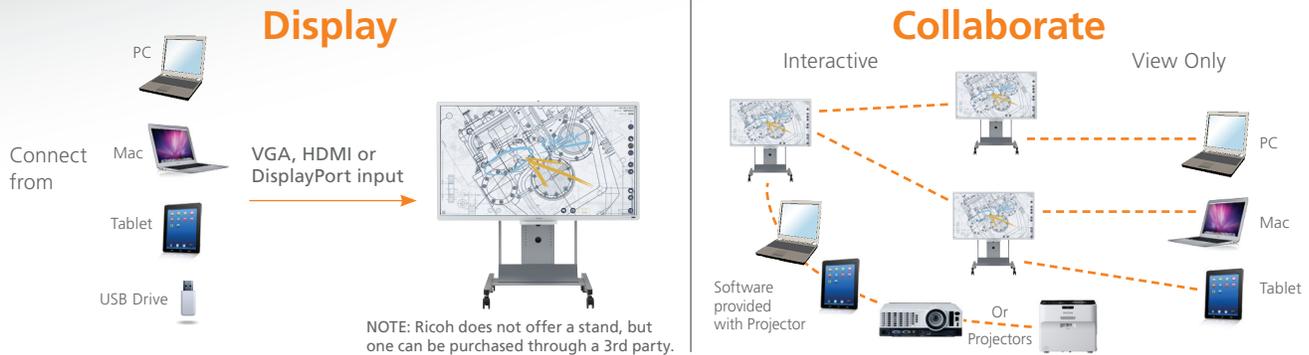
To view detailed features of our interactive whiteboard products online go to www.ricoh-usa.com/products

RICOH Interactive Whiteboard D8400

SYSTEM SPECIFICATIONS

Ready to use

• ## No need to install software

Display

PC

Connect from

Mac

Tablet

USB Drive

VGA, HDMI or DisplayPort input

NOTE: Ricoh does not offer a stand, but one can be purchased through a 3rd party.

Collaborate

Interactive

View Only

PC

Mac

Tablet

Software provided with Projector

Or Projectors

Encourage more participation at your next meeting. Add precise edits, details and other markings directly to your presentation with ease in real time — so audiences onsite and in remote locations have the latest, most accurate information.

Specifications

Display Touch Panel

Panel size	Diagonal: 84" wide (2,133.6 mm)
Display type	Liquid crystal display
Backlight	LED system
Effective display area (W x H)	73.25" x 41.2" (1,860.48 x 1,046.52 mm)
Resolution	Maximum: 3,840 x 2,160 dpi (4K)
Color	Maximum: Over 1.06 billion colors
Brightness	Maximum: 308 cd/m²
Aspect ratio	16:9
Contrast ratio	1,400:1
Pixel pitch	0.744 x 0.744 mm
Response speed	Grey to Grey 5 ms(typ)
Viewing angle (H/V)	178°/178°
Display orientation	Landscape

Touch Sensor

Technology	Infrared touch
Touch points	Standalone: 10
	With Controller: 4
Accuracy	+/- 10 mm in touchable areas
Touch pen request	100 pts/sec.
Operating System	Single-touch: Windows 7 Home Basic/Home Premium/Ultimate/Professional; Windows 8 and 8.1 Pro/Enterprise; Windows Embedded Standard 7 P and 8; Mac OS 10.8 and later Multi-touch: Windows 7 Home Premium/Ultimate/Professional; Windows 8 and 8.1 Pro/Enterprise; Windows Embedded Standard 7 P and 8
Touch output	USB 2.0 (Type B)
Cover glass	Pre-treated anti-glare 4 mm thick

General

Display side

Video input	Mini D-SUB15pin x 1, HDMI (HDCP) x 1, DVI-D (HDCP) x 2, DisplayPort (HDCP) x 1
Video output	Display port
Interfaces	USB 2.0 TYPE B x 1 for touch control
Network connection*	Wired LAN: 10BASE-T/100BASE-T/1000BASE-T Wireless LAN: IEEE 802.11; IEEE 802.11 a/b/g/n
Audio output	Pin plugs (R+L) and terminals for 12 W + 12 W speakers
Dimensions (W x D x H)	76.2" x 5.16" x 44.65" (1,935 x 131 x 1,134 mm)
Weight	228.8 lbs. (104 kg) (Display only)
Power source	100 – 240 V, 50/60 Hz
User functions	20 color pen, Select, Enlarge/Reduce, Move, Copy/Cut/Paste, Rotate, Delete (Erase All/Delete Selected Area/Partially Delete), Undo/Redo, Save to USB/Network Folder/eSharing Box/Interactive Whiteboard, Open PDF and PPT files from USB and Network Folder, Screen Page Select, Capture Page, Add New Page, Captured Page List, Delete Page, Copy Page, Marker Function, Auto Firmware Download
Enhanced features	Picture in Picture Zooming Recovery function Send by email Page Print Data saving format: PDF v1.4 Max. page creation: 100 Max. strokes/page: 3,000 RICOH UCS Screen Sharing Function Correspondence with Crestron* McAfee Whitelist Security
Remote sharing function*	Up to 20 Interactive Whiteboards and Projector Systems Up to 20 browser viewers per Interactive Whiteboard
Remote PC operation*	Yes

*For D8400 with RICOH Interactive Whiteboard Controller Type 1 only

RICOH Interactive Whiteboard Controller Type 1

CPU	Intel iCore5 4590T 2.0 GHz
Operating System	Windows Embedded Standard 8 (64-bit)
SSD	64 GB
RAM	8 GB

Controller side

Interface (Display input)	Mini D-SUB15pin x 1, DisplayPort, HDMI (for PC) x 1
Interface (Display output)	HDMI
Interface (Others)	USB 2.0 TYPE A x 2, USB 3.0 TYPE A x 1, RJ45 (for Wired LAN & Crestron)

Environmental Data

Noise	Less than 40dB
Power consumption	Less than 564 W (with controller)
Stand-by mode	Less than 50 W (without controller)
Recovery time from stand-by mode	About 7 sec.
Operating temperature	0°C - 32°C
Operating humidity	10% - 80%
Altitude limitation	Lower than 2,500 m (sea level)

Options

RICOH Interactive Whiteboard Pen Sensor Kit Type 2, Interactive Whiteboard Remote License Type 1

*For D8400 with RICOH Interactive Whiteboard Controller Type 1 only

What's In The Box

Quick Guide and Safety Instructions, Warranty sheet, Customer registration postal card, RGB cable, USB cable, Power cord, Felt-tipped pen, Remote controller, AAA batteries (2)

Brightness will depend on input mode and other picture settings.

Brightness level will decrease over time.

USB with security or anti-virus software installed are not compatible.

Remote sharing function requires Remote License.

Remote License is required for collaborative meetings.

For wall mounting, use a standard VESA 400x400 mount. Not supplied by Ricoh.

Via intranet, required line speed: Min. 200Kbps, recommended over 512Kbps.

For availability of models, options and software, please consult your local Ricoh supplier.

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