

RICOH
imagine. change.

Interactive Whiteboard

RICOH

Interactive Whiteboard D2200



Bring dynamic collaborations closer

Sometimes, the smallest things can make the biggest difference. Case in point, the RICOH® Interactive Whiteboard (IWB) D2200 allows you to showcase designs, blueprints, sales proposals and other presentations in breathtaking colors and clarity with students, colleagues, clients and other audiences via 21.5-inch display. Use it as a whiteboard to collaborate from your desk, in front of the class or take it with you on your next sales call. Connect it to your Mac® or PC to add handwritten notes, drawings and more and give collaborators more relevant and accurate information. Or, take advantage of its embedded video camera and microphone and use it as a videoconference tool. Share your biggest and brightest ideas with audiences in up to 20 other locations and receive immediate feedback from more people. Connect it to a RICOH Business Projection System to show off your work for larger groups in conference rooms and auditoriums without compromising dynamic interactive features.

Connect quickly from anywhere

When you've hit on a great idea, you want to hand it off to the right people as quickly as possible. Whether you stand the compact IWB D2200 on your desk or mount it on the wall, you'll be able to share incredible images, detailed drawings, compelling videos and more via an LCD display with LED background lighting and 1920 x 1080 dpi resolution. It's HDMI-ready, so there's no need to calibrate settings or configure software. You won't have to wait for IT support either. Connect the 21.5-inch device to your PC, tablet, smartphone, tablet, USB flash drive* or other device** to share critical information with audiences in smaller rooms and venues. It includes 12-watt embedded speakers so you can pair audio with your visuals to capture your audience's attention even more.

*Can open PDF and PowerPoint files in USB flash drive devices.

**Tablets, Mac and smartphones require adaptors.



Create a more personal experience

By making a presentation your own, you make it more memorable. Use the interactive touch sensor to add shapes, circle important details, or even write handwritten notes with your fingertip. With the same swipe scrolling and pinch-and-flick techniques you use on your smartphone or tablet, you can zoom in on images and text to highlight key information and details. Let your audience in on the fun. Let participants download images or documents from their Apple®, Android™ or Windows® personal mobile device. When working in small collaborative group settings, whether in your office, classroom or training lab, simply place the device on the table so multiple participants can add their own feedback with notes, drawings and other edits simultaneously.



Bring remote audiences together

There are no limits on how far a great message can take you — especially when you can get it in front of the right audience. Connect the IWB D2200 to a wired or wireless network and share your presentation with up to 20 RICOH Interactive Whiteboards or RICOH Interactive Business Projection Systems. Add a remote license so up to 20 participants can connect to each of those devices and view your presentation from their smartphone, tablet or laptop when they're out of the office, in transit or at another remote location. It's a fast, affordable way to move information and save on travel expenses, without losing any of the collaborative editing tools that can help shape your message.



Think big by bringing your next presentation to the small screen

Make videoconferences more interactive

The IWB D2200 gives you multiple ways to show off your latest and greatest ideas. With its embedded video camera and microphone, you can use it as a videoconferencing system* with a single touch and conduct face-to-face meetings from multiple locations while taking advantage of the whiteboard's unique interactive features. You can pair the device with a RICOH Business Projection System and show interactive presentations on larger screens. Use it with the RICOH Smart Device Connector app to download PDFs and Ricoh's Universal Print Driver to print. In addition, its small size makes it perfect for fast, convenient meetings in small spaces. Stand it up on your desk. Carry it with you on your next sales call. Gather a small group of students to review a new lesson. Or, get an up-close view of blueprints on the job site.

*Remote license is required for videoconferencing with RICOH Unified Communication Systems.



Share your message without losing sight of it

If you lose control of your message, you lose its impact. Include a PIN access code with every invitation to control who sees your presentation and what these remote viewers can do with it. You can also control what your next audience sees. Save your presentation — including your handwritten notes and markings — to a shared network directory, USB drive or even temporarily on the whiteboard's solid-state drive. Or, you can delete it entirely to protect confidential or proprietary information from mass release. All you need to do is turn off the IWB D2200 and the presentation is discarded. The next whiteboard user won't have access to it, nor will non-invitees. Add further protection from security threats, including viruses, with McAfee® whitelister.



Find more ways to collaborate

You're not the only one with great ideas. With the IWB D2200, your audience can help enhance your message with a wide range of collaborative tools. Transform your presentation into a password-protected PDF file and email it to participants or other recipients moments after your meeting. Each user can make new edits and add annotations to the presentation and save it as a searchable PDF. You can find the latest changes with each revision through a quick keyword search. You can also download the RICOH iPad® app* to keep the flow of information moving while you're in meetings, out of the office or on the road. Use the app to edit the presentation from any web browser on your personal mobile device.

*Remote license is required for collaboration with iPad.



To view detailed features of our interactive whiteboard products online go to www.ricoh-usa.com/products

RICOH Interactive Whiteboard D2200

SYSTEM SPECIFICATIONS

Specifications

Display Panel

Panel size	Diagonal: 21.5" wide (546 mm)
Display type	LCD display
Backlight	LED system
Effective display area (W x H)	18" x 10.5" (475.2 x 267.3 mm)
Resolution	Maximum: 1,920 x 1,080 dpi
Display Color	Maximum: 16.7 million colors
Brightness	Maximum: 250 cd/m ²
Aspect ratio	16:9
Contrast ratio	1,000:1
Pixel pitch	0.2475 mm
Response speed	14 ms (Grey to Grey, Ave.)
Viewing angle (H/V)	178°/178°
Display orientation	Landscape

Touch Sensor

Technology	Capacitance touch
Touch points	4 points with Whiteboard application
Accuracy	+/- 2 mm in touchable areas
Operating System	Single-touch: Windows 7 Home Basic/Home Premium/Ultimate/Professional; Windows 8 and 8.1 Pro/Enterprise; Windows 10 Technical Preview; Windows Embedded Standard 7 P; Mac OS 10.6 and later; Android Multi-touch: Windows 7 Home Premium/Ultimate/Professional; Windows 8 and 8.1 Pro/Enterprise; Windows 10 Technical Preview; Windows Embedded Standard 7 P; Android

Touch output

Cover glass	USB 2.0 (Type B) Pretreated anti-glare 1.1 mm thick
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Camera

Max resolution[dot]	1920 x 1080 (Full HD)
View angle	104.4 ± 5 deg (H) x 54.8 ± 5 deg (V)
Focus	60 cm – ∞
Tilt	± 19 deg

General

Video input	VGA x 1, HDMI x 1, DisplayPort x 1
Video output	HDMI x 1
Interfaces	USB 2.0 TYPE A x 3
Network connection	Wired LAN: 10BASE-T/100BASE-T/1000BASE-T Wireless LAN: IEEE 802.11b/g/n Embedded Bluetooth: BT 4.0 Class II Embedded Wi-Fi

Audio input

Audio output	Microphone (embedded) Headphone (not supplied) and internal, stereo 2W + 2W speakers
Dimensions (W x D x H)	22.4" x 2.4" x 15.2" (570 x 62 x 385 mm)
Weight	11 lbs. (5.3 kg)
Power source	100 – 240 V, 50/60 Hz
User functions	Select, Delete (Erase), Undo/Redo, Save to USB/Network Folder/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

Zooming	Zooming
Recovery function	Recovery function
Email	Email
Page Print	Page Print
Data saving form: PDF v1.4	Data saving form: PDF v1.4
Max. page creation: 100	Max. page creation: 100
Max. strokes/page: 3,000	Max. strokes/page: 3,000

Remote sharing function*

Up to 20 RICOH Interactive Whiteboards or RICOH Projector Systems	Up to 20 RICOH Interactive Whiteboards or RICOH Projector Systems
Up to 20 remote viewers per Interactive Whiteboard	Up to 20 remote viewers per Interactive Whiteboard

Remote PC operation

Yes	Yes
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*Remote license is required for remote collaboration.

Embedded RICOH Interactive Whiteboard Controller

CPU	Intel Core i3 5010U 2.1 GHz
Operating System	Windows Embedded Standard 8 (64-bit)
SSD	64 GB
RAM	8 GB

Environmental Data

Noise	Less than 40dB
Power consumption	Maximum: Less than 65 W
Stand-by mode	5 W
Start up time	About 70 seconds
Recovery time from stand-by mode	About 5 sec.
Operating temperature	0°C – 32°C
Operating humidity	10% – 80%
Storage temperature	-20°C – 60°C
Storage humidity	10% – 90%
Altitude limitation	Lower than 2,500 m (sea level)

Options

Interactive Whiteboard Remote License Type 1

What's In The Box

Quick Guide and Safety Instruction, Warranty sheet, Customer registration postal card, RGB cable, Power cord with AC adapter

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 400 x 400 mount. Not supplied by Ricoh.

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

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

Note: This product is subject to California's SB 20/50 regulations.



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