

Interactive Whiteboard

# RICOH Interactive Whiteboards with the Business Controller

D7500 and D8400

**RICOH**  
imagine. change.



Collaborate only on your private network

No external computer required

Brilliant 4K multi-touch screens (75" – 84")

Available video-conferencing service

## Collaborate and videoconference more securely

Transform your workplace for today's more collaborative, ad hoc and mobile workstyles—while helping to protect your sensitive information—with our Interactive Whiteboards (IWBs) with Business Controllers. Choose from two models of IWBs—also known as Interactive Flat Panel Displays (IFPDs)—with screen resolutions and sizes of 4K 75" (D7500) and 4K 84" (D8400). Both IWBs with business controllers must exist behind your firewall to help safeguard your ideas from today's advanced cyber threats.

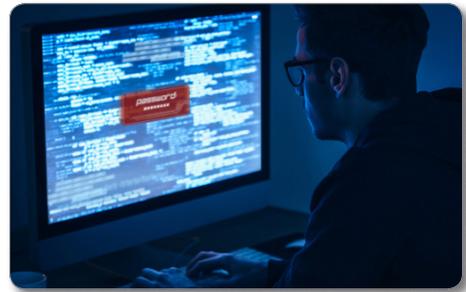
### Increase team participation

Inspire more participation during meetings and presentations with our enterprise-grade displays. Showcase complex graphics and important documents in brilliant 3840 x 2160 4K resolution that includes 10-bit processing of more than one billion colors. Bring team members and customers into the moment during remote meetings and presentations with precise details and lifelike images and video. The anti-glare touchscreen with LED backlighting helps to ensure that viewers can see what is on your screen in almost any lighting conditions. Use our IWBs with their embedded controllers to present, or as displays only and connect via VGA, HDMI, DVI-D or DisplayPort. The multi-point touchscreen lets you easily switch between tasks and make natural drawings and handwritten annotations, zoom in and zoom out, and undo changes with your fingers.



### Defend against viruses and malware

Prevent users from intentionally or accidentally installing viruses, malware, ransomware and other cyber threats onto our business controllers, which do not allow users to add new software. McAfee™ software further protects the business controller by preventing any software modifications. Only administrators can access the controller's configuration settings. Administrators can only conduct web-based configurations after physically changing the administrator password, helping prevent users and hackers from bypassing your security policies.



### Defend against advanced threats

Help overcome vulnerabilities with network security and risky user behavior. With network security safeguards, you can password protect PDF files to help ensure document security when distributed on or off your network. Our business controllers restrict access to users on your network. This helps to prevent theft of your ideas and intellectual property. Your huddle, meeting and videoconferencing rooms can become digital business hub environments without the increased risks of straying off your network. The business controller can save your documents to convenient local file storage using a meeting code for 1 to 30 days. After codes expire, your files will be automatically deleted. With user behavior safeguards, when a user logs off, information on the IWB screen disappears and cannot be recovered.



### Collaborate across your private network

Add the optional collaborative license to interact in real-time on your private network—with the cost-effectiveness, scalability and platform flexibility of the public cloud—collaborate bi-directionally with up to 19 additional IWBs. Each licensed IWB can then connect with as many as 50 laptops and mobile devices.



# Designed for ongoing value

## Accelerate wide user adoption

There's no need to connect to a dedicated computer to operate the display or use expensive proprietary software with recurring maintenance fees. And with the simple intuitive user experience, you can deploy the IWBs at locations with limited or no IT support. And because our IWBs are natively interoperable with other Ricoh products and services, you can easily connect them to Ricoh digital projectors to present to and interactively collaborate with large groups. Configure our IWBs with a Ricoh mobile stand to easily move them about your workplace.



## Improve teamwork effectiveness

In today's workplace, both workers and customers greatly value their time and work-life balance. That's why teamwork must become more effective with video and genuine face-to-face interactions. When you can see the facial expressions and body communication of your remote team members, clients or customers, you can enhance collaboration—while significantly saving on the time and costs of physical meetings that may be difficult or impossible to promptly schedule. You can also install our optional UCS software, which enables painless videoconferencing that takes up no more than 2 MBps—you don't have to worry about interruptions due to limited bandwidth or slow network speeds.



## Maximize your ROI

For more than 80 years, we have helped our customers get the most from their IT investments. As the workplace has changed, we have also evolved our expertise in workplace productivity to include workstyle innovation with a special focus on business collaboration and visual communication technology, services and consulting. We want to partner with you on your journey to accelerate your workplace and workstyle transformations. Our SMB and global enterprise teams can help you expertly deploy all-in-one collaboration solutions that meet your unique business needs—depending on your available IT resources. You can bundle our IWBs with enterprise-grade products from our complete portfolio of audio and video conferencing equipment, enterprise apps and cloud services. We also offer implementation services, huddle and meeting room planning, 24/7 global support and business technology consulting to help accelerate your path to more secure and effective business collaboration.



To view detailed features of our multifunction products online go to [www.ricoh-usa.com/products](http://www.ricoh-usa.com/products)

# RICOH D7500/ D8400

## SYSTEM SPECIFICATIONS

Model	D7500	D8400
Panel size	75" (65.9" horizontal x 37.5" vertical)	84" (73.25" horizontal x 41.2" vertical)
Display type/ Backlight	Liquid Crystal Display (LCD)/ LED system	
Resolution	3,840 x 2,160 dpi (4K)	3,840 x 2,160 dpi
Color	1.07 billion (10 bit color processing)	
Brightness	410 cd/m2	350 cd/m2
Aspect ratio	16:9	
Contrast ratio	1,200:1	1,400:1
Pixel pitch	0.429 x 0.429 mm	0.4845 x 0.4845 mm
Response speed	8 milliseconds	5 milliseconds
Viewing angle (H/V)	Left and Right: 178° Up and Down: 178°	
Display glass	4 mm thick anti-glare glass	4 mm thick anti-glare glass
Touch sensor		
Technology	Shadow Sense	Infrared Touch
Maximum touch points	Maximum touch points 10 [When IWB software is active, max. number of touch points is 4]	
Touch resolution	80pt/sec	
Touch screen interface	USB 2.0 Type B (located on side panel; D7500 and D8400: located on the bottom)	
Touch accuracy	+/- 6.5 mm (over 90% area)	+/- 10 mm (over 90% area)
Operating system support	Multi-touch (up to 10): Windows® 7, 8, 8.1, 10 Single Touch: Windows® 7, Mac® OS 10.6+	
General		
Video input	Mini D-Sub 15-pin (VGA) x 1, HDMI x 1 (HDCP compliant), DVI-D x 1 (HDCP compliant; D8400: DVI-D x 2), DisplayPort x 1 (HDCP compliant), USB 2.0 Type A (for video device power supply only)	
Video output	DisplayPort x 1	
Audio input / output	Audio input / output In: 3.5 mm Line in Jack x 1 (For VGA, DVI) Out: +/- Speaker Terminals x 1 pair	
Touch screen control	USB 2.0 Type B x 1	
Display control	Display control RS-232c x 1 (Input), RS-232c x 1 (Output)	
Dimensions (W x D x H)	70.2" x 7.8" x 41.5" (1,783 x 198 x 1,055 mm)	76.2" x 5.16" x 44.56" (1,935 x 131 x 1,134mm)
Weight	205.0 lbs. (93 Kg)	228.8 lbs. (104 kg)
Power source	AC 100 – 240 V / 50 – 60 Hz	
Power consumption operating / standby	< 420 W / 0.5 W	< 564 W / < 0.5 W
Power consumption standby	< 0.5 W	
Advanced display features	RS232 Control Daisy Chain, Picture Mode (including Low Blue Light mode), Backlight, Adaptive Contrast (Dimming Control), Brightness, Chroma, Phase, Sharpness, Color Temperature, Treble, Bass, Balance, Volume, Mute, Speaker, Audio Source, Picture-in-Picture, Picture-by-Picture, Aspect, Adjust Screen, Touch Feature, Language, Power Save, Control Setting, Touch Control Setting, Set Monitor ID, Advanced Features, Information	
Remote sharing function	Up to 20 interactive whiteboards and projector systems. Up to 20 browser viewers per interactive whiteboard (business controller only). Up to 50 remote devices (iOS®, Android® and Windows®)	
Remote PC operation	Yes	
Bluetooth	V2.1 and later	N/A
Business (Ricoh) Controller		
CPU	Intel® Core i5 4590T 2.1GHz	
Operating System	Windows® Embedded Standard 8 64bit	
SSD	64 GB	
RAM	8 GB	
Options		
Interactive whiteboard stands	Type 4	Type 4
More options	Pen Sensor Kit Type 3, Interactive Whiteboard Remote License Type 1	
Web/videoconferencing options	Built-in speakers: 12 W x 2 (Stereo) Optional video camera: Camera Unit Type 1	Built-in speakers: 12 W x 2 (Stereo) Optional video camera: Camera Unit Type 1

Item	Description	EDP Code
Remote license	RICOH® Interactive Whiteboard Remote License Type 1	431128
Business Controller	RICOH® Interactive Whiteboard Controller Type 1	432071
Pen sensor	RICOH® Interactive Whiteboard Pen Sensor Kit Type 3	432219
Camera unit	RICOH® Interactive Whiteboard Camera Unit Type 1	432221
Wireless Touch Keyboard	Logitech® Wireless Touch Keyboard and Touchpad	920-007119
75" IWB	RICOH Interactive Whiteboard D7500	432224
84" IWB	RICOH Interactive Whiteboard D8400	432098
Stand	Interactive Whiteboard Stand Type 4	432290

Disclaimer: 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.

**RICOH**  
imagine. change.

www.ricoh-usa.com

Ricoh USA, Inc., 70 Valley Stream Parkway, Malvern, PA 19355, 1-800-63-RICOH

©2017 Ricoh USA, Inc. All rights reserved. Ricoh® and the Ricoh logo are registered trademarks of Ricoh Company, Ltd. All other trademarks are the property of their respective owners. The content of this document, and the appearance, features and specifications of Ricoh products and services are subject to change from time to time without notice. Products are shown with optional features. While care has been taken to ensure the accuracy of this information, Ricoh makes no representation or warranties about the accuracy, completeness or adequacy of the information contained herein, and shall not be liable for any errors or omissions in these materials. Actual results will vary depending upon use of the products and services, and the conditions and factors affecting performance. The only warranties for Ricoh products and services are as set forth in the express warranty statements accompanying them.