

Interactive Whiteboard

RICOH Interactive Whiteboards with the Business Controller

D5520, D6510, D7500, and D8600

RICOH
imagine. change.



Collaborate only on your private network

No external computer required

Brilliant HD and 4K multi-touch screens (55" – 86")

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 four models of IWBs — also known as Interactive Flat Panel Displays (IFPDs) — with screen sizes of 55" (D5520), 65" (D6510), 75" (D7500) and 86" (D8600). All four 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. 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 IFPDs with their embedded controllers to present, or as displays only, and connect via VGA, HDMI, DVI-D or DisplayPort. The multi-point touchscreen incorporates patented ShadowSense™ optical position-sensing technology so you can seamlessly switch between tasks, add drawings, make handwritten annotations, zoom in and zoom out and undo changes with unmatched precision with either your fingertips or the optional touch pen.



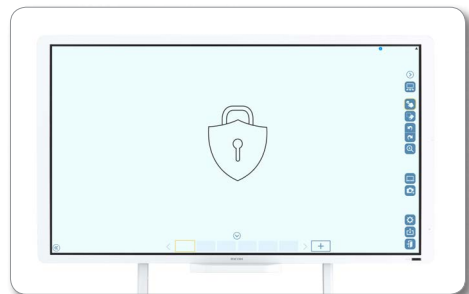
Defend against viruses and malware

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.



Ward off 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 IFPD 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 — and collaborate bidirectionally with up to 19 additional IFPDs. Each licensed IFPD 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 IFPDs at locations with limited or no IT support. Because our IFPDs 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 IFPDs with a Ricoh mobile stand to easily move them about your workplace.



Improve teamwork

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, our expertise in workplace productivity has evolved to include workstyle innovation with a special focus on business collaboration and visual communication technology, services and consulting. 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. Bundle our IFPDs with enterprise-grade products from our complete portfolio of audio and video conferencing equipment, enterprise apps and cloud services. We offer implementation services, huddle and meeting room planning and business technology consulting for more secured and effective business collaboration. Take advantage of 24/7 global support — including real-time communication with Ricoh technicians with a single tap on the IFPD screen*.



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

* Check with your Ricoh representative for availability.

RICOH D5520/ D6510/ D7500/ D8600

SYSTEM SPECIFICATIONS

| Model | D5520 | D6510 | D7500 | D8600 |
|---------------------------------------|--|---|--|--|
| Panel size | 55" (48.5" horizontal x 27.9" vertical) | 65" (56.2" horizontal x 31.6" vertical) | 75" (65.9" horizontal x 37.5" vertical) | 86" (75.68" horizontal x 43.03" vertical) |
| Display type/ Backlight | Liquid Crystal Display (LCD)/ LED system | | | |
| Resolution | 1,920 x 1,080 dpi | 1,920 x 1,080 dpi | 3,840 x 2,160 dpi (4K) | 3,840 x 2,160 dpi |
| Color | 16.7 million (8 bit color processing) | | 1.07 billion (10 bit color processing) | |
| Brightness | 450 cd/m ² | 350 cd/m ² | 410 cd/m ² | 410 cd/m ² |
| Aspect ratio | 16:9 | | | |
| Contrast ratio | 1,100:1 | 4,000:1 | 1,200:1 | 1,200:1 |
| Pixel pitch | 0.630 x 0.630 mm | 0.744 x 0.744 mm | 0.429 x 0.429 mm | 0.4935 x 0.4935 mm |
| Response speed | 12 milliseconds | 8 milliseconds | | 8-12 milliseconds |
| Viewing angle (H/V) | Left and Right: 178° / Up and Down: 178° | | | |
| Display glass | 3 mm thick anti-glare glass | | | 4 mm thick anti-glare glass |
| Touch sensor | Shadow Sense | | | |
| Technology | Shadow Sense | | | Shadow Sense Gen 2 |
| Maximum touch points | 10 [When IWB software is active, max number of touch points is 4] | | | |
| Touch resolution | 1,920 x 1,080 dpi | 1,920 x 1,080 dpi | 12bit X, 12 bit Y (Sun pixel on FHD) | 1,920 x 1,080 dpi |
| Touch screen interface | USB 2.0 (Type B) located on side panel; D7500: located on bottom | | | |
| Touch accuracy | +/- 6.5 mm (over 90% area) | | | +/- 2 mm (over 90% area) |
| Operating system support | Multi-touch (up to 10): Windows® 7, 8, 8.1, 10 Single Touch: Windows® 7, Mac® OS 10.8+ | | | |
| General | | | | |
| Video input | Mini D-Sub 15-pin (VGA) x 1, HDMI x 1 (HDCP compliant), DVI-D x 1 (HDCP compliant), DisplayPort x 1 (HDCP compliant), USB 2.0 Type A (for video device power supply only) | | | |
| Video output | DisplayPort x 1 | | | |
| 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 | RS-232c x 1 (Input), RS-232c x 1 (Output) | | | |
| Dimensions (W x D x H) | 52.9" x 4.7" x 30.3" (1,345 x 119 x 770 mm) | 60.9" x 6.0" x 34.9" (1,546 x 154 x 888 mm) | 70.2" x 7.8" x 41.5" (1,783 x 198 x 1,055 mm) | 78.97" x 4.96" x 47.24" (2,009 x 126 x 1,200 mm) |
| Weight | 101.4 lbs. (46 Kg) | 132.3 lbs. (60 Kg) | 205.0 lbs. (93 Kg) | 268.4 lbs. (122 kg) |
| Power source | AC 100 – 240 V / 50 – 60 Hz | | | |
| Power consumption operating / standby | < 255 W / < 0.5 W | < 350 W / < 0.5 W | < 420 W / 0.5 W | < 510 W / < 0.5W |
| 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, Quick Start Mode*, Control Setting, Touch Control Setting, Set Monitor ID, Advanced Features, Information *D8600 only | | | |
| 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®) per interactive whiteboard | | | |
| Remote PC operation | Yes | | | |
| Bluetooth | Supported, v2.1+EDR V3.0/V4.0 | Supported, v2.1+EDR V3.0/V4.0 | V2.1 + EDR v3.0/v4.0 | V2.1 + EDR v3.0/v4.0 |
| Business (Ricoh) Controller | | | | |
| CPU | Intel® Core i5 4590T 2.1 GHz | | | |
| Operating System | Windows® Embedded Standard 8 64bit | | | |
| SSD | 64 GB | | | |
| RAM | 8 GB | | | |
| Options | | | | |
| Interactive whiteboard stands | Type 2 | Type 3 | Type 4 | Type 4 |
| More options | Pen Sensor Kit Type 3, Interactive Whiteboard Remote License Type 1, Interactive Whiteboard Eraser Type 1 for D8600, Connection Box Type 1 | | | |
| Web/videoconferencing options | Built-in speakers: 12 W x 2 (Stereo) Built-in microphone: 58 dB S/N Ratio Optional video camera: Camera Unit Type 1 | Built-in speakers: 12 W x 2 (Stereo) Built-in microphone: 58 dB S/N Ratio Optional video camera: Camera Unit Type 1 | 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 | Item | Description | EDP Code |
|---------|-------------------------------------|----------|---------------------|---|----------|
| 55" IWB | RICOH Interactive Whiteboard D5520 | 432206 | Remote license | RICOH® Interactive Whiteboard Remote License Type 1 | 431128 |
| 65" IWB | RICOH Interactive Whiteboard D6510 | 432212 | Business controller | RICOH® Interactive Whiteboard Controller Type 2 | 432436 |
| 75" IWB | RICOH Interactive Whiteboard D7500 | 432224 | Pen sensor | RICOH® Interactive Whiteboard Pen Sensor Kit Type 3 | 432219 |
| 86" IWB | RICOH Interactive Whiteboard D8600 | 432329 | Camera unit | RICOH® Interactive Whiteboard Camera Unit Type 1 | 432221 |
| Stand | Interactive Whiteboard Stand Type 2 | 431196 | Connection box | Card Reader Storage Box | 432400 |
| Stand | Interactive Whiteboard Stand Type 3 | 432135 | | | |
| 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.



www.ricoh-usa.com

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