**Interactive Whiteboard** 

RICOH Interactive Whiteboards with the Windows<sup>®</sup> 10based Controller D5520, D6510, D7500, and D8600



screens (55" – 86")



# Work smarter in groups

Empower your onsite and remote workers, clients or customers to become more engaged in real-time collaboration and meetings with our Interactive Whiteboards (IWBs) with Windows® 10-based Controllers. Our Windows® controller lets you use your preferred apps and cloud solutions including Office 365<sup>™</sup> and Skype® for Business. Select from four models of IWBs — also known as Interactive Flat Panel Displays or IFPDs — with screen resolutions and sizes of HD 55″ (D5520), HD 65″ (D6510), 4K 75″ (D7500), and 4K 86″ (D8600). Bundle the IFPDs with our visual communication hardware, apps, cloud services and business services for all-in-one solutions that can fully meet your business needs. Now, convert any area into a modern collaborative space where you can brainstorm ideas faster, conveniently manage complex projects and training and transform presentations into interactive experiences with touchscreen annotations, video communications and information sharing.

### Maximize engagement

Showcase important graphics or documents and convey your ideas clearly in crisp 1920 x 1080 HD resolution — or brilliant 3840 x 2160 4K resolution that includes 10-bit processing of more than one billion colors. This helps your participants notice precise details and see lifelike quality. The anti-glare touchscreen with LED backlighting and deep contrast help to ensure that participants can see what is on the screen in almost any lighting conditions. Use the IFPDs with their embedded controller to present, or use the IFPDs as displays only and connect via VGA, HDMI, DVI-D or DisplayPort. Patented ShadowSense<sup>TM</sup> optical position-sensing technology allows you to easily switch between tasks and make natural drawings and handwritten annotations, zoom in and zoom out and undo changes with incredible fingertip precision.

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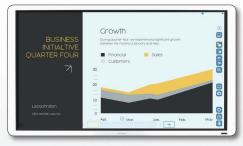
# **Collaborate across your network**

Whether your group is small or includes hundreds of participants, you can find the most effective and cost-efficient way to scale real-time collaboration on our IFPDs. If you choose to stay on your private network, you can add a collaborative license to our IWB Lt. software. This lets you connect with two-way collaboration with up to 19 additional IFPDs. Each licensed IFPD can connect to as many as 50 endpoints (laptops and mobile devices) with real-time, two-way collaboration. That means that you could distribute 20 licensed IFPDs on your network and interactively collaborate with up to 1,000 participants without adding an additional public cloud service fee. You can use the public cloud to collaborate and project manage via Skype® for Business, Google Hangouts®, Join.Me®, JIRA® and more solutions.



# Get started in a snap

Our IFPDs with Windows<sup>®</sup>-based controllers are ready, out-of-box solutions. There's no need to connect the IFPDs to a dedicated computer to operate the display, or use expensive proprietary software with recurring maintenance fees. And, with their highly intuitive user experience, you can conveniently deploy the IFPDs at locations with limited or no IT support. You can also connect the IFPDs to Ricoh digital projectors to present and interactively collaborate with large groups. Because it integrates seamlessly with Office 365<sup>™</sup>, participants can share control of the presentation, make simultaneous edits and collaborate instantly with ease. In addition, you can bundle the IFPDs with our mobile stand to easily move them about your workplace.



# Easy to use

# Interact face-to-face

You can better engage remote participants when you can see their facial expressions and body communication. That's why we offer optional videoconferencing hardware and software for our IFPDs to help you clearly communicate your ideas and get more work done faster. With our Windows®-based controller, you can decide whether to use the RICOH® UCS or UCS Advanced Service, or use Skype® for Business and other popular collaboration apps. Our optional UCS Service enables you to collaborate with large numbers of remote participants in many different locations. And because our UCS Service takes up no more than 2 MBps, you don't have to worry about interruptions due to limited bandwidth or slow network speeds. If you want to help ensure that you can start web or video conferences without delays, use the RICOH® UCS Service Advanced, an open WebRTC solution, to let your remote participants painlessly join presentations or collaborate with you from any online mobile device, laptop or legacy videoconferencing equipment.



# Simplify your configuration

Our IFPDs with Windows<sup>®</sup>-based controllers are built from the ground up for modern collaboration, rather than assembled from multiple pieces, such as when a mini PC is simply mounted onto a touchscreen monitor. Mounted mini PCs are at increased risk of being stolen and may also interrupt consistent performance, since they require video cables for connectivity — rather than the more reliable bus connections that link our embedded Windows<sup>®</sup>-based controller directly to its touchscreen display. Our completely integrated solution also helps you scale seamlessly. Add more of our IFPDs to your network without worrying about incurring more fees for ongoing IT maintenance, including updating of third-party management software.

# Get the most from your investment

For more than 80 years, we have helped enterprises maximize the ROI of their IT investments. As you transform your workspace to accommodate today's faster, more collaborative work styles, we want to partner with you step by step. Benefit from our expertise and 24/7 global customer support. You can even connect with a live technical specialist with one tap on the IFPD screen\*. Let us focus on keeping your collaboration technology ahead of the trends and providing the services you need to help you thrive in the information economy. We believe that relationships matter: wherever you deploy our IFPDs, our extensive network and optional business services will be there to help you reach your goals.

\*Check with your Ricoh representative for availability





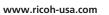
To view detailed features of our products online go to www.ricoh-usa.com/products

## RICOH D5520/ D6510/ D7500/ D8600

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Model Panel size	D5520 55" (48.5" horizontal x 27.9"vertical) 6	D6510	75" (65.0"	D7500	D8600 86" (75.68" horizontal x 43	2 02" vortical
Display type/ Backlight	55 (48.5 HOHZOHTALX 27.9 VELTICAL) 6	Liquid Crystal Dis			60 (75.06 HUHZUHTal X 4.	5.05 Vertical
Resolution	1,920 x 1,080 dpi	1,920 x 1,080 dpi		840 x 2,160 dpi (4K)	3,840 x 2,160 d	ni
Color	16.7 million (8 bit color processing)	1,920 x 1,080 dpi		ion (10 bit color processing)	5,840 X 2,100 0	ihi
Brightness	450 cd/m2	350 cd/m2	1.07 0111	410 cd/m2	410 cd/m <sup>2</sup>	
Aspect ratio	430 Cu/m2		16:9	410 (0/112	410 cu/m	
Contrast ratio	1,100:1	4,000:1	10.5	1,200:1	1,200:1	
Pixel pitch	0.630 x 0.630 mm	0.744 x 0.744 mm		0.429 x 0429 mm	0.4935 x 0.4935	mm
Response speed	12 milliseconds		iseconds	0.425 x 0425 mm	8-12 millisecon	
Viewing angle (H/V)		Left and Right: 178		Jown: 178°	0 12 1111150001	45
Display glass		3 mm thick anti-glare glass			4 mm thick anti-gla	re alass
Touch sensor	1	5 min there and glate glass			4 min thick untrigit	ie glass
Technology		Shadow Sense			Shadow Sense G	en 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 d	ni
Touch screen interface	1,520 x 1,000 ap.	1,520 x 1,000 0	.p.			
Touch accuracy		USB 2.0 (Type B) located on sid +/- 6.5 mm (over 90% area)	e punci, b/ a		+/- 2 mm (over 90%	area)
Operating system support	Multi	-touch (up to 10): Windows <sup>®</sup> 7, 8, 8.1,	10 Single	Touch: Windows <sup>®</sup> 7 Mac <sup>®</sup> OS		, area,
General			i o singic		10.01	
Video input	Min	i D-Sub 15-pin (VGA) x 1, HDMI x 1 (F blayPort x 1 (HDCP compliant), USB 2.	IDCP complia	ant), DVI-D x 1 (HDCP complia	ant),	
Video output				i video device power supply (	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
· · ·	DisplayPort x 1					
Audio input / output Touch screen control	In: 3.5 mm Line in Jack x 1 (For VGA, DVI) Out: +/- Speaker Terminals x 1 pair					
Display control	USB 2.0 Type B x 1 RS-232c x 1 (Input), RS-232c x 1 (Output)					
Display control	52 Q" x / 7" x 20 2"	60.9" x 6.0" x 34.9"			78 07" x / 06" x /	7 24"
Dimensions (W x D x H)	52.9" x 4.7" x 30.3" (1,345 x 119 x 770 mm)	(1,546 x 154 x 888 mm)	(1,7	70.2" x 7.8" x 41.5" '83 x 198 x 1,055 mm)	78.97″ x 4.96″ x 4 (2,009 x 126 x 1,20	
Weight	101.4 lbs. (46 Kg)	132.3 lbs. (60 Kg)		205.0 lbs. (93 Kg)	268.4 lbs. (122 l	kg)
Power source		AC 100 – 24	40 V / 50 – 60	) Hz		
Power consumption operating / standby	< 255 W / < 0.5 W	< 350 W / < 0.5 W			- F10 W/ / - 0 F	۱۸/
operating / standby	< 255 W / < 0.5 W	< 330 W / < 0.3 W		< 420 W / 0.5 W	< 510 W / < 0.5	
Advanced display features	R5232 Control Daisy Chain, Picture M Sharpness, Color Temperature, Treble, B Feature, Language, Power Save	lode (including Low Blue Light mode lass, Balance, Volume, Mute, Speaker, e, Quick Start Mode*, Control Setting *D8	Audio Soure , Touch Cont 600 only	Adaptive Contrast (Dimming ce, Picture-in-Picture, Picture- trol Setting, Set Monitor ID, A	Control), Brightness, Chron by-Picture, Aspect, Adjust S Advanced Features, Informa	na, Phase, creen, Toucl tion
Advanced display features	RS232 Control Daisy Chain, Picture M	lode (including Low Blue Light mode lass, Balance, Volume, Mute, Speaker, e, Quick Start Mode*, Control Setting *D8	Audio Šouro , Touch Cont 600 only viewers per	Adaptive Contrast (Dimming ce, Picture-in-Picture, Picture- trol Setting, Set Monitor ID, A interactive whiteboard (busin	Control), Brightness, Chron by-Picture, Aspect, Adjust S Advanced Features, Informa	na, Phase, creen, Touc tion
Advanced display features Remote sharing function	R5232 Control Daisy Chain, Picture M Sharpness, Color Temperature, Treble, B Feature, Language, Power Save	Node (including Low Blue Light mode lass, Balance, Volume, Mute, Speaker, e, Quick Start Mode*, Control Setting *D2 I projector systems. Up to 20 browser	Audio Šouro , Touch Cont 600 only viewers per	Adaptive Contrast (Dimming ce, Picture-in-Picture, Picture- trol Setting, Set Monitor ID, A interactive whiteboard (busin	Control), Brightness, Chron by-Picture, Aspect, Adjust S Advanced Features, Informa	na, Phase, creen, Touc tion
	R5232 Control Daisy Chain, Picture M Sharpness, Color Temperature, Treble, B Feature, Language, Power Save	Node (including Low Blue Light mode lass, Balance, Volume, Mute, Speaker, e, Quick Start Mode*, Control Setting *D2 I projector systems. Up to 20 browser	Audio Sourd , Touch Cont 600 only viewers per ndows®) per Yes	Adaptive Contrast (Dimming ce, Picture-in-Picture, Picture- trol Setting, Set Monitor ID, A interactive whiteboard (busin	Control), Brightness, Chron by-Picture, Aspect, Adjust S Advanced Features, Informa	na, Phase, creen, Touc tion 50 remote
Advanced display features Remote sharing function Remote PC operation Bluetooth	R5232 Control Daisy Chain, Picture M Sharpness, Color Temperature, Treble, B Feature, Language, Power Save Up to 20 interactive whiteboards and	lode (including Low Blue Light mode lass, Balance, Volume, Mute, Speaker, e, Quick Start Mode*, Control Setting *Di I projector systems. Up to 20 browser devices (iOS®, Android® and Wi	Audio Sourd , Touch Cont 600 only viewers per ndows®) per Yes	Adaptive Contrast (Dimming ce, Picture-in-Picture, Picture- trol Setting, Set Monitor ID, A interactive whiteboard (busin interactive whiteboard	Control), Brightness, Chrom by-Picture, Aspect, Adjust S Idvanced Features, Informa ness controller only). Up to	na, Phase, creen, Touc tion 50 remote
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Advanced display features Remote sharing function Remote PC operation Bluetooth	R5232 Control Daisy Chain, Picture M Sharpness, Color Temperature, Treble, B Feature, Language, Power Save Up to 20 interactive whiteboards and	Node (including Low Blue Light mode lass, Balance, Volume, Mute, Speaker, e, Quick Start Mode*, Control Setting *Di I projector systems. Up to 20 browser devices (iOS <sup>®</sup> , Android <sup>®</sup> and Wi Supported, v2.1+EDR V3.0/V4.0 Intel <sup>®</sup> iCore Win	Audio Šoura , Touch Cont 6600 only viewers per ndows®) per Yes Ves 6500TE 2.3	Adaptive Contrast (Dimming ce, Picture-in-Picture, Picture- trol Setting, Set Monitor ID, A interactive whiteboard (busin interactive whiteboard ////////////////////////////////////	Control), Brightness, Chrom by-Picture, Aspect, Adjust S Idvanced Features, Informa ness controller only). Up to	na, Phase, creen, Touc tion 50 remote
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Advanced display features          Remote sharing function         Remote PC operation         Bluetooth         Windows® 10 Controller         CPU         Operating System         HDD         RAM         Business (Ricoh) Controller         CPU         Operating System         SSD         RAM         Options         Interactive whiteboard stands         More options         Web/videoconferencing options         Item         55" IWB         65" IWB         75" IWB         86" IWB	RS232 Control Daisy Chain, Picture M Sharpness, Color Temperature, Treble, B Feature, Language, Power Save Up to 20 interactive whiteboards and Supported, v2.1+EDR V3.0/V4.0	Alode (including Low Blue Light mode lass, Balance, Volume, Mute, Speaker, e, Quick Start Mode*, Control Setting "b2" I projector systems. Up to 20 browser devices (iOS <sup>®</sup> , Android <sup>®</sup> and Wi Supported, v2.1+EDR V3.0/V4.0 Intel <sup>®</sup> iCore Windows <sup>®</sup> Embed Intel <sup>®</sup> Core Windows <sup>®</sup> Embed Embed States (Stereo)Built-in microphone: 58 dB S/N Ratio Optional video camera: Camera Unit Type 1 EDP Code 432206 432212 432224	Audio Sourre , Touch Cont (600 only viewers per ndows®) per Yes V 5 6500TE 2.3 dows 10 <sup>®</sup> 00 GB 6 GB 16 GB 16 GB 16 4590T 2.11 dded Standar 64 GB 8 GB 10 License Type Built-in s Op C	Adaptive Contrast (Dimming ce, Picture-in-Picture, Picture- trol Setting, Set Monitor ID, A interactive whiteboard (busin interactive whiteboard (2.1 + EDR v3.0/v4.0) GHz GHz GHz rd 8 64bit Type 4 1, Connection Box Type 1 speakers: 12 W x 2 (Stereo) tional video camera: Camera Unit Type 1 Descrip RICOH <sup>®</sup> Interactive Whitebo Controller with RICOH <sup>®</sup> Interactive White	Control), Brightness, Chrom by-Picture, Aspect, Adjust S Advanced Features, Informar ness controller only). Up to V2.1 + EDR v3.0/ V2.1 + EDR v3.0/ Built-in speakers: 12 W Optional video ca Camera Unit Typ stion ard Remote License Type 1 Windows <sup>®</sup> 10 board Controller Type 2 bard Pen Sensor Kit Type 3	ka, Phase, creen, Touction 50 remote 50 remote v4.0 x 2 (Stereo) mera: be 1 EDP Cod 431128 432436 432219
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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.





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