

Communication Services

# RICOH Interactive Whiteboard D6500

**RICOH**  
imagine. change.



High resolution  
HD1080p  
display

LED  
backlight  
touch screen

Real time  
remote  
image  
sharing

Handwriting  
recognition  
OCR

Fully  
customisable  
OS

Interactive  
software &  
applications

# The complete solution for interactive presentations

Developing and communicating concepts quickly and effectively is critical in commerce and education today. In the modern office space, collaborative working is also essential, utilising new ways of working to develop ideas easily. Ricoh's Interactive Whiteboard D6500 facilitates efficient training and collaborative working, allowing you to develop content that will engage and enlighten user groups. And with a choice of models with and without a controller, there is a solution to exactly meet your needs.

- High resolution full HD 1080p LCD display incorporating LED backlight provides outstanding visual clarity
- Ricoh controller allows remote information sharing for up to 20 D6500 devices and 20 PC or 10 tablet users
- Intuitive operation with Ricoh controller provides simple management utilising friendly iconography
- Easy interaction of displayed information using handwriting or electronic pen with Ricoh controller
- Flexible Operating System options allows use of customisable interactive software and applications





### **Flexible choice of OS and software options**

You can select the Ricoh D6500 configuration that best meets your needs and budget. When supplied without controller you can use your own computer OS for your own applications, providing an economical display solution. Alternatively you can choose the Ricoh genuine OPS Controller with Windows™ 8 OS. This allows you to utilise Ricoh's suite of interactive white board software applications. Finally there is the Ricoh OS Free Controller option which allows you to use the D6500 with your own preferred Windows Operating System. This means you can add your own choice of software applications and configure your own network and security settings.

### **Controller operation – the choice is yours**

By using the D6500 supplied with Ricoh genuine OPS Controller you benefit from Ricoh's interactive white board applications giving you all-in-one solution ready to use the moment you switch it on. Display data from your PC, iPad, tablet or smartphone to the whiteboard to start interactive work on digital projections. If you already have applications that you want to use with the D6500, then the Ricoh OS Free Controller allows you to utilise them, leveraging your investment in software solutions. You can also set up your own Windows network and security settings, conforming to corporate protocols.

# Interactive learning for junior and secondary school students

Young minds learn best through interaction and discussion. The D6500 facilitates this by making lessons and lectures lively and stimulating. It allows a whole host of graphics, images, diagrams and videos not only to be displayed but annotated and revised. Great ideas and useful lesson graphics don't need to be lost when the class ends because you can save and share information in PDF format.

## Bring your own applications alive for students

Supplied without a controller, the D6500 gives you the flexibility of using your own educational applications for sharing with students and you can use the D6500 to display and even annotate program graphics and diagrams. The D6500 also supports full 1080p high definition screening of HD content from Blue-ray players and other HD devices allowing you to screen high-resolution video content to your class.



## Make learning absorbing and entertaining

Lesson plans can now include interactive sessions so in an art class you can engage students in a study of impressionist painting. Workgroups can use the D6500 to discover the structure of stars in science projects. History lessons can benefit from examination of historical document facsimiles and you can annotate documents on screen to emphasise key points in the text. Lesson work can be saved for later sharing with students.



## Spontaneous notes can be saved and shared

When you write on the D6500 screen, you can also use the OCR function to convert hand written letters to text. OCR text is saved as searchable content, useful for later review and revision of scribbled notes. Because the flexible D6500 supports simultaneous drawing, your students can give free rein to their imaginations. Depending on the software you use, you can also move, edit and resize graphics on screen.

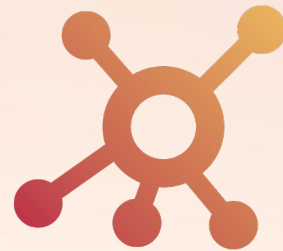


# Empowering your business with shared knowledge and creativity

How can you harness and share all the valuable creativity in your workgroups? You need a device that allows everyone to collaborate and cooperate in brainstorming sessions. And you may need to get valuable input from colleagues in other locations. The D6500 is the answer, providing an interactive platform where you can all share and develop ideas. And when you're done, you can save your work to folder or to email for sharing and future reference.

## Remote communication in real-time

You can share content with up to 20 D6500 units via an intranet connection without separate server or software installations. Each whiteboard offers interactive controls to participants in multiple locations simultaneously. Up to an additional 20 computer or 10 tablet users can log-in to view the session via a web browser facility. An app for iPad users to view and draw interactively on iPad is also available\*.



## Secure business presentations

The D6500 allows secure sharing of confidential business projects as remote participants use a PIN code to gain access. Once you shut down the D6500 or it goes into auto-standby, all data is automatically erased. For your complete peace of mind the D6500 is supplied with McAfee™ whitelist anti-virus software preinstalled, protecting your confidential data.



## Training and information sharing made simple

With the optional electronic pen you write, draw, edit, resize and move information on diagrams, graphics and images. Graphs and charts can be enriched with embedded shapes and drawings. Useful ideas and suggestions from all participants can be added to the presentation in real-time. And all additional information can be saved including text, using the OCR function to save content as searchable PDF files for future reference.



# Flexible operation

With instant switch on the D6500 Whiteboard is ready to work. Admin settings for the D6500 can be controlled remotely and the system is protected by McAfee whitelist anti-virus software. Optional wireless connectivity removes the need for LAN cable connection. Remote access is PIN code protected so that only authorised users have administrative privileges. As correspondence with LDAP is supported the workload of registering e-mail addresses is reduced.

## Outstanding visual clarity

Central to the success of the D6500 is its advanced 65" full HD 1080p LCD display incorporating an LED backlight and reflection prevention. The screen provides an infra-red, multi-touch interface so that several users can draw and write on the screen simultaneously. A maximum 10 point touch is allowed on the display with the number of touch points and simultaneous drawings dependent on the OS and software used.

## Electronic pen allows precision notes

Using the optional interactive electronic pen allows annotations on screen to be more exact and precise as it can be used in any one of four line thicknesses and includes an eraser. This makes it very easy and natural to write with. The electronic pen also draws or writes in one of 20 colours, for visual impact on remarks and notes. The electronic pen, and its signal receive sensor connect with the OPS controller by USB cable.

## Simple intuitive and instant operation

You don't want to spend valuable time setting up and configuring an interactive whiteboard. That is why the D6500 is ready to work with you the moment you switch it on, without the need to calibrate settings or configure software. Operation is intuitive using the remote control. Once your session is over you can save your work as searchable PDF text that you can search using convenient keywords and share via email at any time.

## Flexible display and audio options

The D6500 fits easily onto an optional stand allowing the D6500 to be wheeled easily between locations where needed. If required the D6500 can be wall mounted using an industry standard 400 x 400mm VESA kit. Dual integral 12W speakers means no external sound system is needed when using input source media with audio content. Audio output ports are also provided should connection to an amplified external sound system be required.



# The interactive presentation solution for business and education

- 1** Exceptional visual clarity thanks to advanced 65" full HD 1080p LCD display incorporating an LED backlight and reflection prevention.
- 2** Switch on and ready to use without any need to calibrate display or configure software, saving time and improving presentation experience.
- 3** Touch-screen allows you to write, draw, edit, erase, move, resize and save work. Highlight areas, flip through pages and zoom in and out.
- 4** Simple user interface makes it easy to share, edit and save collaborative work with colleagues and students.
- 5** Easy integration into existing corporate IT infrastructure with support for remote operation including on-off input selection.
- 6** Wireless network option allows operation without the need for LAN cable connection.
- 7** Network access is secured by authorised PIN code. Auto-erase of content follows shut down or auto-standby.
- 8** Link up to 20 D6500 whiteboards and configure settings centrally. Allow up to 20 more remote users to view presentations.

# RICOH Interactive Whiteboard D6500

## MAIN SPECIFICATIONS

### DISPLAY PANEL

Panel size:	Diagonal: 65" wide (1,651 mm)
Display type:	Liquid crystal display
Backlight:	LED system
Effective display area (W x H):	1,428.5 x 803.5 mm
Resolution:	Maximum: 1,920 x 1,080 (Full HD)
Colour:	Maximum: Over 1,060,000,000 colours
Brightness:	Maximum: 360 cd/m <sup>2</sup>
Aspect ratio:	16 : 9
Contrast ratio:	4,000 : 1
Pixel pitch:	0.744 x 0.744 mm
Response speed:	8 ms (Grey to Grey, Ave.)
Viewing angle (H/V):	178°/178° (Contrast ratio >= 12)

Remote License, Stand, Pen sensor kit including digital pen, Ricoh IWB controller type 1, Ricoh IWB OS-free controller type 1

Remote networking including the iPad app requires a license.

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

### TOUCH SYSTEM

Touch technology:	Infrared touch
Touch point:	10 point (display only) 2 point (with Ricoh controller option)
Touch resolution:	32,767 x 32,767
Accuracy:	+/- 10 mm in touchable area
Touch output:	USB 2.0 (type B)
Detection system electronic pen:	Light interception method (optional pen sensor kit and controller required)
Protection Glass Thickness:	Approx. 4 mm (including AR coating)

### GENERAL

Interface (input):	Video (VGA, HDMI x2, DVI-D, Display port, Composite, Component, S-video), Audio (L/R RCA, Line 3.5 mm)
Interface (output):	Video (VGA, DVI, Composite), Audio (L/R RCA, Speaker-out)
Interface (others):	RJ45 (Wired LAN) USB2.0 (type B) x1 RS-232C
Dimensions (W x D x H):	1,531 x 126 x 885 mm
Weight:	74 kg
Power source:	100 - 240 V, 50/60 Hz

### ECOLOGY

Sound power level (full system):	40 dB
Power consumption:	Maximum: 300 W Stand-by mode: 0.5 W
Recovery time from stand-by mode:	5 sec.
Operating temperature:	0°C - 32°C
Operating humidity:	10% - 80%

### ACCESSORIES

Set-up guide & safety instructions  
RGB cable  
Power cable  
Remote control with batteries  
USB cable  
Felt-tipped pen

### OPTIONS

ISO9001 certified, ISO14001 certified, ISO27001 certified

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