

Ricoh Interactive Whiteboard

A6500 Datasheet

✔ Interactive learning ✔ Remote collaboration ✔
Webinars ✔ Hybrid meetings



Everything you need to work together – without distance limitations

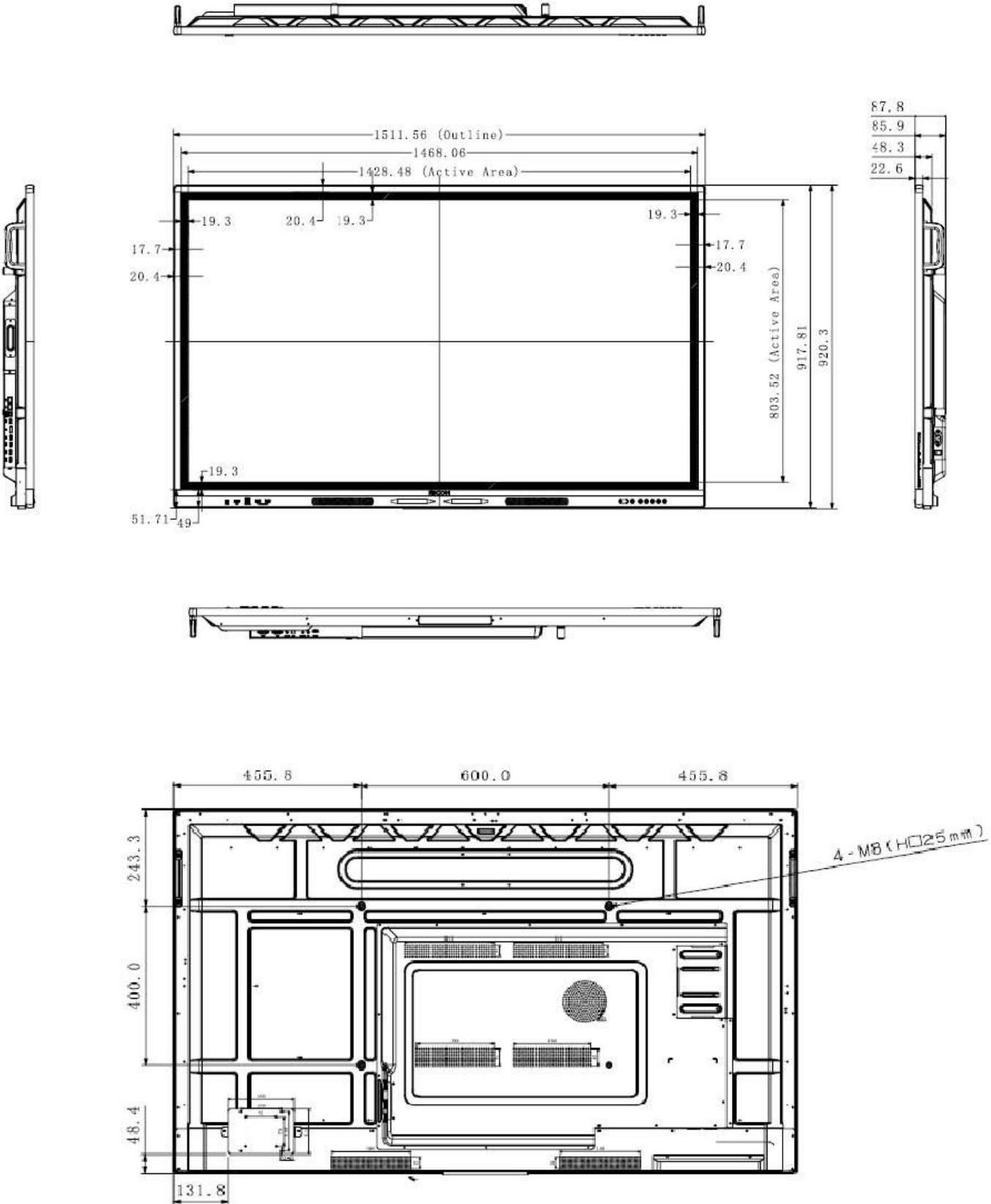
Hybrid working and learning has become a daily process for many people. Nowadays, people join meetings and training from multiple locations as standard and the need to collaborate remotely has never been greater. Make meetings and classes collaborative wherever they are, with the new Ricoh Interactive Whiteboards. The new A6500 is designed to make collaboration work for you.

In education remote learning and collaboration are the new normal, where hybrid classrooms must allow real-time participation and information sharing with in-person and remote attendees allowing external sources into the classroom. Our interactive whiteboards are affordable, intuitive and customizable. Teachers can now simply plug in a laptop to start lessons.

Businesses reap benefits from the easy-to-use interface and built-in Apps, that offer seamless communication and collaboration. Ideal for hybrid working, allowing multiple people to write on the same screen. Save time taking minutes and notes, you can capture annotations in real-time. Cast multiple screens wirelessly at any time and maximise collaboration.

- 65 inch : for small conference rooms and classrooms
- Easy-to-use interface and built-in Apps
- Effective split-screen presentation
- 4K UHD display embedded canvas
- Advanced connectivity

Dimensional drawings



A6500

MAIN SPECIFICATIONS

GENERAL

| | |
|--|---|
| Rear interface | HDMI IN x2: Version: HDMI2.0, Up to 3840x2160@60HzHDMI1 support ARC function, HDCP 1.4/2.0/2.2 compliant DP IN x1: Version: DP1.2a, Up to 3840x2160@60Hz, HDCP 1.4/2.2 compliant VGA IN x1: Interface: DB15, Up to 1920x1080@60Hz Audio IN x1: Interface: Φ 3.5mm mini interface, input level(L/R): 0.2-2Vrms LAN x2: 10M/100Mbps Base-T, 100Mbps Base-TX, Support internet switch, To OPS(10M/100M/1000M), To Android(10M/100M), Interface: RJ-45 USB2.0 x1: Support images, music, video file playback, only can use this USB port to upgrade, Interface: USB2.0 Type-A USB3.0 x2: Support images, music, video file playback. Upgrade are not supported, Interface: USB3.0 Type-A Touch-USB x1: Touch interface for HDMI1/HDMI2/DP/VGA, Interface: USB3.0 Type-B MIC IN x1: Can Mix the MIC input and other input source to SPK OUT, Interface: Φ 3.5mm mini interface SPDIF x1: Max speed: 16Mbps, Interface: Optical RS232-IN x1: RS232 Input, Interface: DB9 HDMI-OUT x1: Max. resolution: 3840x2160@60Hz, Version: HDMI2.0, All signals can be Loop-outed by HDMI-OUT Audio OUT x1: Output level(L/R): 10mVrms±40mVrms (@500mVrms 1KHz, load 32 Ω), Interface: Φ 3.5mm mini interface (Headphone-out) |
| Front interface | Type-C x1: Power output: 20V/3A, Up to 3840x2160@60Hz, Interface: Type-C Public USB x2: Version: USB3.0, Interface: Type-A Touch-USB x1: Touch interface for HDMI, Interface: USB3.0 Type-B HDMI IN x1: Version: HDMI2.0, Up to 3840x2160@60Hz, HDCP 1.4/2.0/2.2 compliant |
| RAM | 4 GB |
| ROM (storage) | 32 GB |
| Dimensions: W x D x H (mm) | 1,511.6 x 87.8 x 920.3 |
| Package size: W x D x H (mm) | 1,660 x 220 x 1,010 |
| Weight (kg) | 39 |
| Package weight (kg) | 54 |
| Housing material (face frame/back shell) | Aluminium/metal plate |
| Housing colour (face frame/back shell) | Black/black |
| VESA | 4-M8 screw hole 600 x 400 mm |

DISPLAY PANEL

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|--|-------------------|
| Panel size: diagonal (" wide) | 65 |
| Effective area: W x H (mm) | 803.52 x 1,428.48 |
| Resolution: maximum (Full HD) | 3,840 x 2,160 |
| Colours: maximum | 1,070,000,000 |
| Brightness: maximum (cd/m ²) | 350 |
| Contrast ratio | 1,200 : 1 |
| Pixel pitch (mm) | 0.372 x 0.372 |
| Response: grey to grey (ms) | 8 |
| Refreshing frequency | 60 Hz |
| Viewing angle: H/V (°) | 178/178 |
| LED lifetime | 50,000 hours |
| Colour gamut | 72% |

TOUCH SYSTEM

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|-------------------------------------|--------------------------|
| Sensing type | Infrared touch frame |
| Surface protection | 3.2 mm toughened glass |
| Infrared touch | Up to 20 points |
| Interpolation resolution | 32,768 x 32,768 |
| Theory clicks | Unlimited |
| Connect type | USB2.0 Full Speed |
| Voltage | DC+5V +/- 5 % |
| Windows 10/8/7, Android | Multiple touch supported |
| Windows XP, Linux, Mac OS X, Chrome | Single touch supported |

ELECTRICAL

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| Power requirements | AC 100V - 240V, 50/60Hz |
| Power consumption without OPS | Maximum brightness: 300 W 50% brightness: 180 W |
| Standby condition without OPS | < 0.5 W |
| Audio output power | 2x15 W/8 Ω |
| OPS power | DC 18V/5A |

SOFTWARE

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|-------------------|---|
| OS | Android 9.0 |
| Pre-installed app | Whiteboard, Browser, File manager, Screen share, Office document view (incl. PDF), Media Player, Cloud storage, Android app store |
| Default functions | Welcome screen (Launcher), Setting, Source setting, Annotation tool, Stopwatch, Clock, Calculator, Eye-protection, Spotlight, Screen capture, Calendar, Vote, Screen Recorder, Split Screen, Picture in Picture |

A6500

MAIN SPECIFICATIONS

WIFI

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|---------------------|------------------|
| Operating frequency | 2.4 GHz/5 GHz |
| Wi-Fi standard | 802.11a/b/g/h/ac |

OPS SPECIFICATIONS

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|------------------------------|---|
| Main spec (OPS) | Chipset: SOC LAN interface (Wired): 10BASE-T/100BASE-TX/1000BASE-T LAN interface (Wireless): 802.11 a/b/g/h/ax Network authentication (Wireless LAN): According to setting on system OS Encryption (Wireless LAN): According to setting on system OS Interface (Output): HDMI Interface (others): USB 3.0 Type A x 2, USB 2.0 Type A x 2, USB Type C x 1, 3.5 mm microphone jack, 3.5 mm headphone jack Bluetooth: embedded Power Source: DC +12 to 19V |
| Capture box | Not included |
| Installation | Insert into OPS slot |
| Product size: W x D x H (mm) | 200 x 119 x 30 |
| Product weight (kg) | 1 |
| Environmental condition | Operating temperature limits: -10 - 50°C Operating humidity limits: 20 - 80% Storage temperature limits: -10 - 50°C Storage humidity limits: 15 - 80% |


ECOLOGY


| | |
|---|---|
| Operating temperature (°C) | 0 - 32 |
| Operating humidity (%) | 20 - 80 |
| Altitude limitation: sea level (m) | Lower than 3,500 |
| Maximum daily operation hours (exclude stand-by time) | 18 hours/day (24 hours) Maximum daily operating hours are 18hrs/day. Do not use the machine continuously/intermittently for more than 18 hours per day. Failure to do so could result in malfunction. |
| Storage temperature | -10°C ~ +50°C |
| Storage humidity | 15% ~ 80% RH Non-Condensing |
| Shelf life | 14 months after production |

ACCESSORIES

Touch pen x2
Read this first sheet
Quick guide sheet
Batteries AAAx2
Remote control
Power cord
USB type C cable (2m)
HDMI 2.0 cable (3m)
Plastic clamp (2pcs)

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