

INTELLIGENT & INTERACTIVE WHITEBOARD

Model: IIB-100 (Standard Type)

Our Intelligent & Interactive Whiteboard provides a more efficient solution than the traditional whiteboard or blackboard for classroom teaching, business meetings, training courses, presentations, etc.

The Standard Type of our Intelligent & Interactive Whiteboard requires working with a projector, a PC and an electronic pen. It is applicable to a fixed site for teaching, training or presentation.

The I&I Whiteboard let you directly control PC applications from a large touch-screen display: to draw pictures, write notes, manipulate any PC software, save/print/distribute your information. What's more, you can enhance the interactivity of your teaching with a lot of featured tools: highlight, spotlight, zoom, curtain, color spray, screen capture, record and replay...



FEATURES

- **Simplicity:**
 - Easy installation and usage without needs for special professional training;
 - All functions (including writing, erasing, drawing, saving, replaying, printing and sending e-mails) can be done simply with an electronic pen.
- **High Performance:**
 - Rapid response, accurate positioning, and scalable functions, with electromagnetic sensing technology and advanced DSP algorithm.
 - Smoother writing strokes, thanks to the curve fitting and anti-aliasing technologies.
- **Durability:**
 - Surface of PET material: eco-friendly, low reflection, good resistance against rubbing and solvent.
 - Stable hardware and software bring long life span to the whiteboard.

FUNCTIONS & PROFESSIONAL TOOLS

- Rich types of pen for writing & drawing: marker, highlighter, Chinese brush, flat brush (suitable for writing Arabic), texture brush, smart drawing pen (to draw shapes by freehand sketching), and customizable pen.
- Shapes (e.g. lines, circles, triangles, hexagons) drawing: all shapes can be edited on nodes, copied, deleted, rotated, mirrored, moved, locked, grouped, zoomed, etc.
- Built-in classified templates and image library: to facilitate teachers to insert desired images quickly at any time.
- Measuring tools: ruler, protractor and digital clock/timer.
- Handwriting recognition: to insert text by directly writing on the screen, no need for keyboard typing.
- On-screen keyboard: to type text, numbers or symbols from the virtual keyboard. 5 types of keyboard can be selected.
- Record and Replay: to automatically save and replay all the operation on the current screen page or specific pages. The replay speed can be controlled.
- Screen page control: user can insert, delete, copy, zoom in/out, or clear a screen page, or add a topic, an ID, grid view to a page, and can switch between pages or change the page order.
- Interesting tools:
 - Spotlight - to focus on a specific zone and darken the rest area on the screen. The size and shape of spotlight and transparency of darken area are adjustable.
 - Magnifier - to zoom in a specific screen area. The magnified area can be zoomed out/in by one or more times.
 - Curtain - to shade a specific screen area with a curtain-like layer. The curtain can be drawn from the top, bottom, left or right side of the screen.
 - Camera - to capture a specific screen area or an object (supporting screen capture of video file).
 - Scratch area - to conceal a specific screen area with a scratch-card-like image.
- File types supported by our WhiteBoard software:
 - File types can be opened: .btx (our proprietary file format), .doc, .xls, .ppt, and .pdf.
 - File types can be saved as: .btx, .doc, and .ppt.
 - File types can be emailed in ZIP file: .btx and .html.
 - File types can be exported: .resitem (our proprietary for format for resource library), .html, .bmp, .jpg, .png.
 - File types & objects can be inserted into a screen page: hyperlink (to webpage, screen page, file, or file attachment), FLASH, image (from image library, from file, or from scanner/camera), template, audio file (.wma, .wav, .mp3, .midi), and video file.
- Customization: the float toolbar, the screen background color, the pen type and text often used, the default image of curtain, image library and user login can all be customized as your favorite.

APPLICATION

- For Education

- Applicable to teaching in common classrooms and large multimedia classrooms, discussion and collaboration between teachers, and remote teaching.
- Excellent visual effect with rich colors and animations to draw more attention and greatly enhance students' understandings.
- Built-in teaching resources to inspire teachers to create more interactive lesson activities with less time.
- Recording and replaying of whole lesson to facilitate students' review of knowledge and teachers' research on teaching effect.
- Unlimited pages for annotation on whiteboard can be saved and loaded repeatedly to save time of cleaning traditional chalkboards.



- For Business

- Applicable to corporate meetings, brainstorming, multi-site conferencing, training, presentations and exhibitions.
- Easier to add colorful annotations or highlight the points on documents, videos, graphs, and spreadsheets.
- Automatic recording of the whole meeting to facilitate electronic distribution of notes to attendants.



- Other Applications

- **Medical:** remote medical consultation meetings, analysis platform for endoscopies, direct research on cells via connection with microscope system.
- **Military:** remote battle command-and-control system, simulation exercises on sand tables and maps, military training and meetings.
- **Athletic:** direct presentation and comparison of tactic/technique analysis per step for various games: basketball, soccer, hockey, shooting, swimming, etc.



ACCESSORIES

- Accessories Included



Electronic Pen (with batteries installed)

When the tip is pressed onto the whiteboard, the pen acts as the left button of a mouse. And the white button on the pen near the tip offers the same function as the right mouse button. 2 more spares are offered in the package.



USB-to-RS232 Cable (10-meter)

The cable is used to connect the computer (via USB port) and the whiteboard (via serial port RS232) for data transmission and power supply to the whiteboard.



Installation CD of Whiteboard Driver & Software

Use the CD to install the whiteboard driver, the whiteboard software, and/or the USB driver onto your computer.



Whiteboard User Manual

The user manual gives you a complete guide for the installation, operation and troubleshooting of the whiteboard and its software.



Mounting Brackets

Use the brackets to mount the whiteboard onto a wall and fix the mini PC onto the back of the whiteboard. You can also choose to install the whiteboard within a mobile floor stand.

- Optional Accessories



Mobile Floor Stand

The mobile floor stand can make the whiteboard easily move to anywhere, featuring lockable casters and adjustable height.



AC/DC Adaptor

Use the AC/DC adaptor to give a more stable power supply to the whiteboard when the USB power supply is not available.

TECHNICAL SPECIFICATIONS

- Physical

	IIB100-77"	IIB100-85"	IIB100-101"
Active Screen Area* (W * H / mm, $\pm 0.2\%$)	1456 * 1091 (4:3)	1600 * 1190 (4:3)	2103 * 1183 (16:9)
Size (W * H * D / cm, $\pm 0.5\%$)	154.8 * 121 * 3	175 * 128 * 3	224.2 * 128 * 3
Shipping Size (W * H * D / cm)	166 * 132 * 12	185.9 * 138.9 * 12	236 * 140 * 12
Net Weight / Shipping Weight (kg)	16 / 24.5	16.5 / 28.5	23.2 / 31.6
Mobile Floor Stand - Shipping Size (W * H * D / cm)	185.5 * 77.6 * 10.8		
Mobile Floor Stand - Weight (kg)	Net weight: 15.9 / Shipping Weight: 24		
Color of Frame	White or Black (optional)		
Screen Surface	PET material		
Operation Environment	-20°C to +55°C, up to 95% humidity non-condensing		
Mounting Method	Wall-mount or mount within a mobile floor stand (optional)		

*NOTE: The active screen area is the applicable area of the screen for the electronic pen.

- Performance

Positioning Technology	Electromagnetic sensing
Positioning Precision	0.05 mm
Resolution	8192 * 8192
Computer Connection	10m USB-to-RS232 cable (USB 2.0)
Data Transmission Speed	Baud rate of 19200
Power Supply Requirement	USB power supply: 5V 100mA / Adaptor power supply: AC220V, 50/60Hz
Power Consumption	< 2W
Battery for Electronic Pen	1 AAA alkaline battery required
Warranty	5-year limited warranty
Certificate	CE & EMC

- Computer Requirement for PC Software

	Minimum Requirement	Recommended Requirement
Operating System	Microsoft® Windows 2000 / XP / Vista	Microsoft® Windows 2000 / XP / Vista
Internet Explorer	Microsoft® Internet Explorer® 6.0	Microsoft® Internet Explorer® 6.0 or later
Office	Microsoft® Office 2000	Microsoft® Office 2000, XP or later
CPU	1GHz	1.7GHz or higher
Memory	256MB	512MB or larger
Free Harddisk Space	140MB	200MB or larger

- Requirement for Digital Projector

Projection Mode	Support front projection
Resolution	Support the resolution of the PC connected
Brightness	Minimum 500 lumens (subject to the room size)

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