DreamVision iBoard

As one of the leading brand in the interactive whiteboard market, **iBoard** brings the highest level of interactivity and creativity to the users around the world. **iBoard** is typically used in the leaning, training and meeting environment. By adopting the electromagnetic technology, it allows you to write or draw on the surface via the stylus, print the current image, save it to computer, or distribute it over a network. Therefore, **iBoard** can help teachers, trainers, presenters and meeting participants to deliver their lectures or presentation, explain their ideas or plans, and facilitate exchange of information in a more interactive and efficient way. Combined with your computer and projector, **iBoard** has the power to create a dynamic learning, training, and working environment for you.

How does it work?

Technology:

iBoard adopts the latest advanced and pragmatic electromagnetic technology. They are operated via an electronic pen. Through the electronic pen, the board can detect everything drawn on the whiteboard quickly and accurately through a small magnetic field from the wire grid embedded behind the surface of the board. Meanwhile, the hard surface of the whiteboard can afford strong impact and conflict. Therefore, **iBoard** is particularly suitable for the classroom teaching and training environment.

Working principle:

Basically, the whole system consists of four necessary components: **iBoard**, driver software for **iBoard**, desktop or laptop and projector. The software for **iBoard** is provided free if the board is purchased and it should be installed first before the operation of **iBoard**.

The computer is connected to the projector and whiteboard via the USB cable. The projector can display the computer screen image onto the board. Meanwhile, all operation on the surface of the **iBoard** will be accurately detected and be transferred to the computer simultaneously. With the electronic pen, the users can control the operation of any software which is loaded on the computer directly on the surface of the board.

Peripherals

Wireless Tablet

Wireless Tablet: Allows the users to move freely around the classroom, training center or lecture hall during their teaching course or presentation. The users can draw, annotate and control any software loaded in the computer on the surface of this tablet. All operation on this tablet will be simultaneously projected onto the **iBoard**. It helps users to communicate closely with the students, the meeting participants or audience, and therefore tremendously enhance the delivery outcome of their lectures and ideas.

Voting System

Voting System: Allows students or audience to answer test questions posted on the whiteboard or take part in polls and surveys. Therefore, it helps teachers or the presenters to know the immediate response and feedback of the students or the audience during their teaching or presentation and make some adjustment.

Visualizer

Visualizer: Allows the users to demonstrate some non-digital objects such as physical paper document, and physical object onto the **iBoard**. It can enlarge the image in a high resolution. It's particularly suitable for classroom teaching and demonstration in spacious lecture hall.

Printer

Printer: Allows copies of the notes on the whiteboard to be printed out. It helps users to boost their work efficiency and take record of the important note on the whiteboard immediately.

Application

Classroom Teaching

iBoard is particularly suitable in the classroom teaching for its several reasons. First, its writability can allow teachers and students to write, draw and annotate on the surface. Second, it allows the operation on board to be saved and printed out as a record for students and teachers. Third, it allows students and teachers to highlight some important or interesting points on the surface rather than using the mouse pointer which can be hard to see. Fourth, students can

collaborate effectively on the board due to its large size. Fifth, the email function can allow the teachers to send the notes or the demonstration on the board to the absent students immediately, which can help the absent students to know what have been taught in the class.

Business

iBoard is a perfect device used in the business presentation. In the traditional business presentation or business discussion, the presenters have to stay in front of the computer, which seriously confine the communication effect. But with the **iBoard**, the presenters can emphasize some key points in their demonstration by directly write, draw, annotate or edit on the board surface, which can make the presentation more actively and interactively. Meanwhile, the **iBoard**'s on-line conference function can allow the participants in different location to distribute their ideas in an interactive way, saving time and money for business.

Conference/Employee Training

iBoard has a super large model particularly designed for conference and employee training in large hall. This super large **iBoard** consists of 4 screens:

one writing screen and three display screens. Using this super large model, the lecturers or trainers can ensure every audiences or participant see clearly what is presented on the board, increasing the demonstration outcome.

Function

Main Functions：

- ✓ **Control Function:** The users can directly control the software or programme in the computer on the surface of the **iBoard** with the electronic pen.
- ✓ **Writing Function:** Brush pen, flat pen, Transparent Pen

1. Normal Pen: trim and smooth, suitable for alphabet and numerals handwriting

2. Flat Pen: Suitable for Sinkiang and Arabic characters

3. Transparent Pen: draw freely and change the transparence, suitable for annotation and highlight

4. Brush Pen: Based on the Chinese traditional handwriting features, much more suitable for Chinese characters handwriting

The Pen Width, line style, Line Color can be adjusted according those 4 pens

- ✓ **Edit Function**: Edit different files, Copy, Paste, Delete, Group, lock, Layer adjusting, Pan, Scale and Rotate
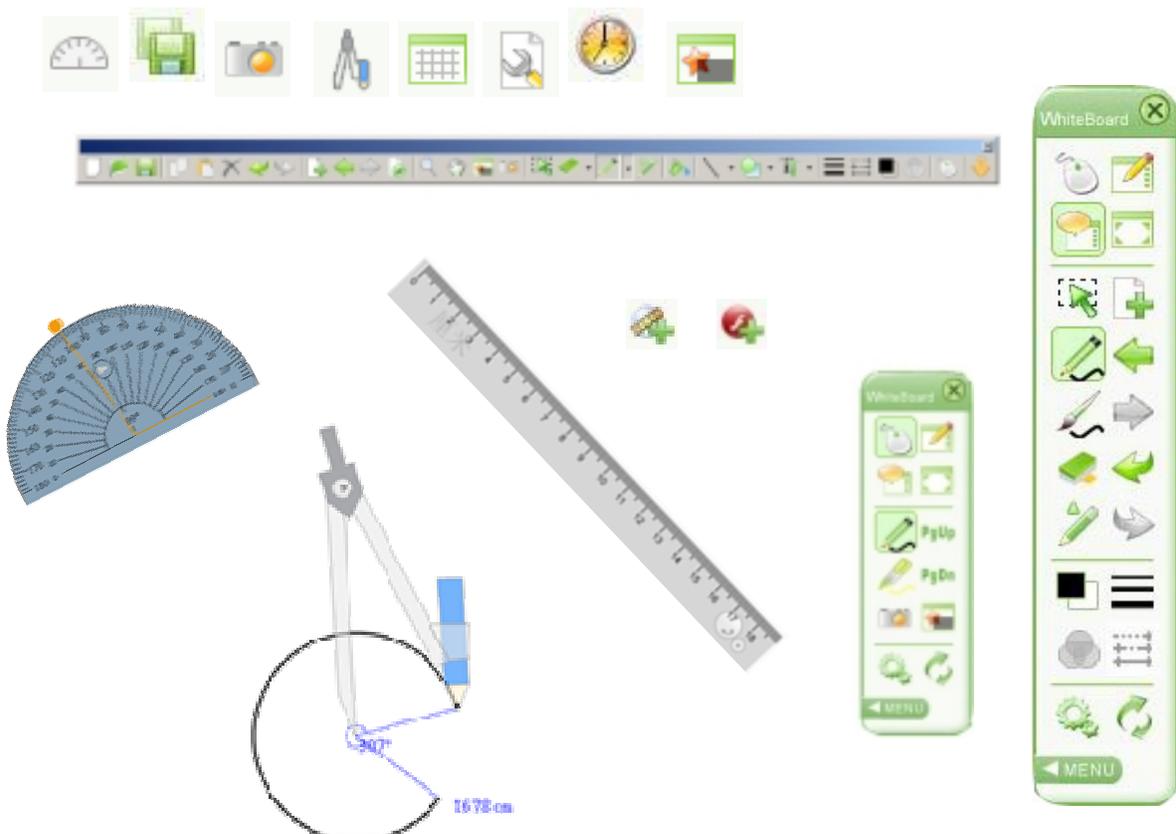
Special Function

- ✓ Screen Shade
- ✓ Camera Function: screen camera
- ✓ support text insert and link function
- ✓ Various image resources

Easy to use the image gallery template, and can be added according the real using situation

- ✓ Providing various writing interfaces (blackboard, whiteboard) for users to choose
- ✓ Support the function of magnifier, searchlight. Magnify some areas checked on the page and highlight the important areas
- ✓ Powerful drawing function, capable to add various Geometric Graphics drawing and color filling functions.
- ✓ Support replay function
- ✓ Customized Setting: Float toolbar button, normal drawing pen, normal insert type font of the text, default image of the screen Shade and so on
- ✓ Outer software port: users can load the normal software(handwriting recognition text, voice and video record, screen record and so on) into the menu option, it is convenient to transfer software
- ✓ Support edit function of background page
- ✓ Capable for users to export the web page
- ✓ Add, edit, delete users
- ✓ support saving file format:: *.wmf，*.jpg，*.png，*.html and*.btx

Technical Specification

Operation System	Win98/NT/ME/2000/XP/VISTA
Transmission Interface	RS232-USB
Precision	±0.05mm
Resolution	8192*8192
Data-signaling Rate	19200 Baud rate
Operating Principle	Electromagnetic induction
USB Power Supply	DC 5V 100mA
Battery for Electronic Pen	1pc AAA alkaline battery
Working Temperature	-20 °C ~ +55°C
Power Capacity	< 2W
Warranty	5 Years Limited

Standard Accessory come along with iBorad

✓ Electronic Pen (ith AAA battery)2

✓ RS-322/USB Cable(10Metres)*1

✓ Software CD(Multi-Language)*1

✓ Users Manual*1

✓ Wall Mount Kit*1

Optional Accessory

✓ Mobile Stand

The reasons to choose iBoard

1. **iBoard** can provide an effective interactive platform, unleashing your creative potential.

2. **iBoard** can promote environmentally friendly operation

   A Paperless platform

   B Pollutant free (no chalk dust as in traditional blackboard teaching)

3. **iBoard** can provide digital teaching with hand writing function.

4. **iBoard** can add digital education functionality while maintaining the teachers' traditional teaching qualities.

5. **iBoard** can increase enjoyment of lessons for both students and teachers through more varied and dynamic use of web-based resources.

6. Hand written notes added during discussion can be immediately saved and can be called up in later discussion by clicking the relative tool key.

7. **iBoard** can provide the functionality to realize the online conference, online interactive discussion or long distance education on both LAN or on the internet.

8. **iBoard** is compatible with Microsoft applications and handwriting recognition software.