Interactive Whiteboard
Multi-touch

Tsisun

Introduction

The Infrared Multi-touch Interactive Whiteboard is the revolution of classroom whiteboards in the 21st century, because of its stability and reliability. Due to the infrared positioning technology, any non-transparent objects such as fingers can touch the board to handle specific job performances. Different kinds of flat panel materials support the projection with soft color, a large viewing angle, and without light spots.

The Infrared Whiteboard can have access to a computer's USB port directly through a USB cable, and display output of the computer can project on the board through a Projector. After calibration, touch, and mobile information from the board will be transferred into a click pointer, and will have the ability to move just like a mouse. Through our software all click, mobile, and writing information will be transferred and displayed on the board at real time.
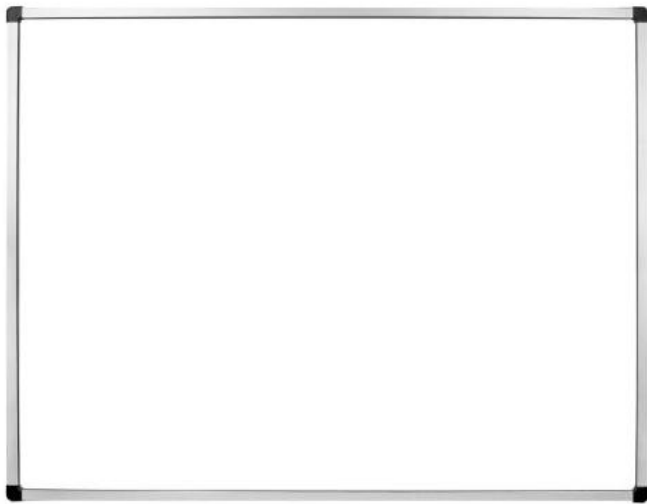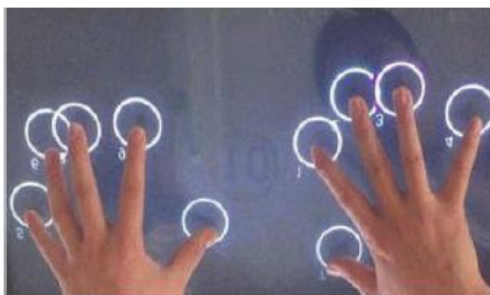
Infrared touch

Fashion design

Durable

Plug and play

Front side

Back side

Multi-touch

perfect craftsmanship

Whiteboard panel

Aluminum frame cross section
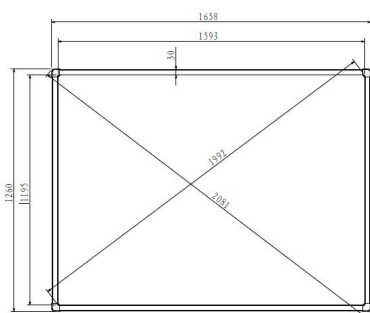
Hardware Key Features

- The surface has great adaptability on crash-proof, scratch-proof, EMI, lower reflection, anti-dust, anti-glare and waterproof.
- Touch Technology: infrared, touch by finger or any non-transparent objects, enhancing human-computer interaction experience.
- Drive free, Plug and Play.
- Resolution: ≥ 32767*32767.
- Touch accuracy: ≤ 1mm; response speed: ≤ 4ms
- The board uses integrated moduler design with four corners of the PVC button buckle with structural design, without any screws fixed. The core electronic components using pre-demolition of the way, there is no need to dissemble the whole board for maintenance.
- Coordinates output: ≥ 240 points per second.
- Induction object size ≤φ4.0mm, the top blind area ≤ 40mm.
- Support zoom in/out, rotating ect under Win7 and above.
- Interface: USB2.0 or USB 3.0, communication ≥7M.
- Power supply: USB.
- Calibration: providing 4 or 16 points one time calibration.
- Working temp: -15 °C to 55 °C; Storage temp: -30 °C to 75 °C.
- Working humidity: 10% to 90% RH; Storage humidity: 10%~95% RH.
- Product life is over 7 years.
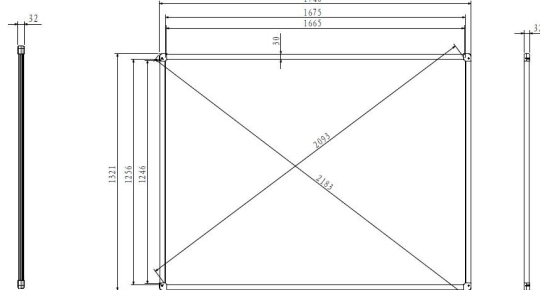- Qualified by ISO9001 and ISO4001, CE, FCC, RoHS.

Software Key Features

- Free upgrade for life time.
- Support Multi-touch input.
- Support Right / Left / Double click.
- Support writing line / curve / broken line, etc.
- Support page extending / browsing / zooming etc.
- Support PPT / Word / Excel / PDF files. It can instantly operate, edit, page scroll up or down, save, etc.
- Specific handwriting done by using any arrange pen, writing pen, track pen, paintbrush pen, crayon pen, etc.
- Support Multi-Media files that need to be displayed such as Pictures, Audio files, Video files, Flash files, etc.
- Auto-recognizes English words / geometric elements from handwriting into standard objects.
- Supports monochrome filling, pattern filling, sketch filling, etc.
- Supports object zooming, turning over, locking, grouping, infinite cloning, etc.
- Tools include: screen shade, magnifier, spotlight, screen recording, screen intercepting, teaching tools (square, protractor, ruler, compasses).
- The magic pen supports an intelligent identifying, starting magnifier, spotlight, etc.
- The enclosure management function.
- Abundant of resources such as a database for each grade of primary and junior high school, and each academics related to specifications.
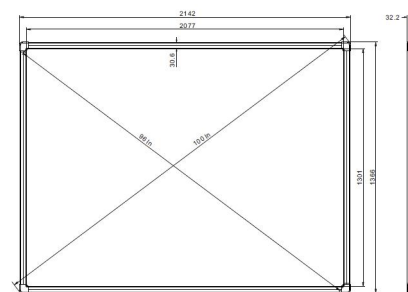
Specification

General		
	Touch Technology:	Infrared (10/20 points)
	Main size:	78"/80"/82"/86"/88"/92"/100"/120"… (customized)
	Input Method:	Touching & writing by finger or any non-transparent objects.
	Frame Material:	Aluminum.
	Board Material:	Comb Aluminum, surface with particular projection coating.
	Interface:	USB2.0, without external power supply
	Resolution:	≥32767*32767
	Touch Accuracy :	≤1mm
	Response Speed:	≤4ms
	Coordinates output:	≥180 points per second
	Operation System:	Win Vista/Win 7/8/10
	Installation Way:	Wall mounting & Mobile stand& sliding orbit.
Environmental	Temperature:	Working temperature： -15 °C to 55 °C Storage temperature： -30 °C to 75 °C
	Humidity:	Working humidity： 10% to 90% Storage humidity： 0~95%
	Illumination Test:	Incandescent lamp (220V,100W), test distance: 350mm
	Working Height ASL:	3,000m
	PC:	USB 2.0
	Lifetime:	Over 7 years
Electrical	Power Supply:	Power is obtained from the computer directly through the USB cables
	Voltage:	DC 4.6V- 5.0V
	Power Consumption:	<1W (200mA at 5V)
Packing list		Interactive whiteboard * 1 Normal Pen * 1 Pointer (optional) * 1 USB Cable (5M) * 1 Software CD * 1 Wall Mount Bracket * 1 set

RBS82

RBS86

RBW100