

Portable Finger Touch Interactive Whiteboard

Finger Touch Interactive Whiteboard Introduction
255-Points Finger Touch Portable Whiteboard



Introduction

After years of innovative research and development, FT8 has become the main product of the new series of OWAY Group Limited. It is not only more stable but also easier to install and use. Currently, it uses the world's most advanced laser imaging technology. The level of automation and stability are far ahead of other products.



Feature:

Supports multiple people playing games at the same time (Windows 255 touch points, Android 16 points);

A single screen supports up to 5m*7m, and the screen can be expanded into an unlimited large screen to play games more immersively.

The interactive system is extremely precise and can be controlled within 1mm.

Precise calibration, response speed is less than 6ms,

It can be used to play interactive games by smashing balls, hand touch, soft bullet guns, and laser toy guns.

Calibration is simple and fast, automatic calibration can be completed in 10 seconds.

Supports diversified scene customization.

Light weight (the main components include laser emitter and sensor, the total weight does not exceed 500 grams)

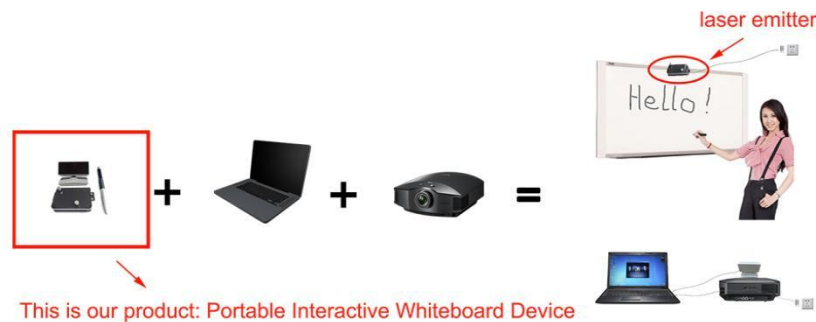
Competitive price

Minimum throw ratio: 0.16, you can freely adjust the required screen size, very flexible.

Installation:

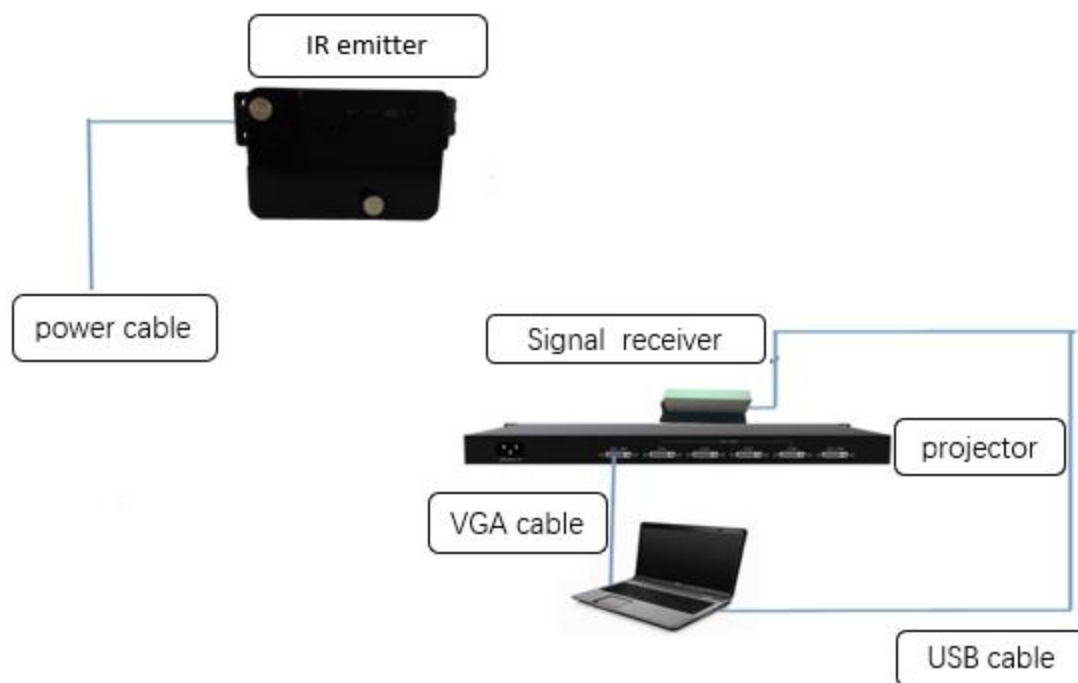
FT8 is small and easy to install. It doesn't require professional technology to install.

Just install the laser emitter in the middle area above the whiteboard (or flat surface) and put the sensor on the projector.

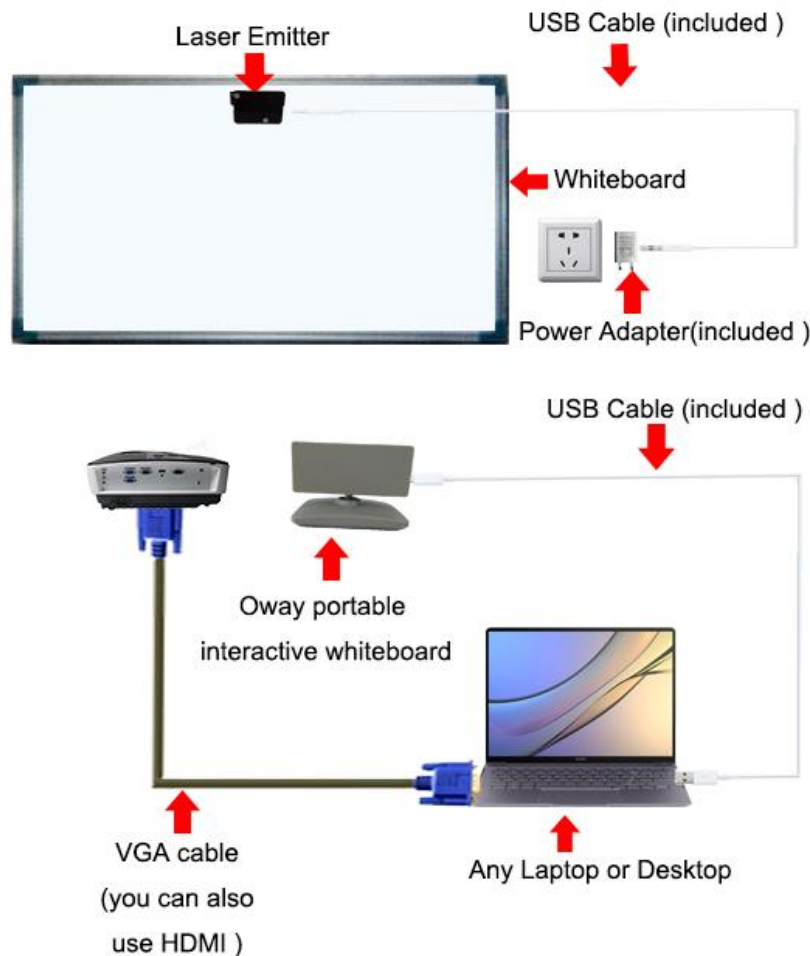




Laser Emitter Installation



FT8 installation diagram (1)



FT8 installation diagram (2)

Advantages:

High cost performance: 1. Compared with LCD electronic whiteboards, FT8 is more cost-effective in the installation and maintenance. And the user can enlarge or reduce the projection screen according to the demand. The LCD Whiteboard does not have this feature.

Stable performance, not easy to damage: FT8 interactive whiteboard external circuit only has power supply wire and USB interface circuit, eliminating the data exchange circuit of the LCD panel, and reducing the information processing lines used for the display screen. It uses the PCB board to concentrate the circuit on the circuit board, reduces failure while reducing power consumption.

Good compatibility: FT8 whiteboard is compatible with various software.

High stability: Through a variety of anti-abnormal spot interference algorithms and filter push-pull devices, the system is not easily affected by the external environment like light and temperature, even if there are small bugs or dust stuck on the board ,products can also operate normally.

Full-screen touch: The projection screen can realize full-screen touch. Five seconds to complete automatic calibration. Infrared and optics can only be manually calibrated. FT8 auto-calibration is more precise and the operation is easier.

Supports 255-point finger touch (255 people write at the same time and support Windows drawing software 255 points).

The projection area works as a touch panel for windows touch.

Max projection Screen: Support 40 - 150inch for finger touch,300inch for palm touch (Non-sunlight room)

Portable and Movable: The total weight of whole set is only 500 grams. The installation is simple and convenient. Simply fix the laser emitter with screws or suction onto the above projection screen, and fix the sensor to the projector or other object with double-sided tape or a fixed bracket. The entire process does not require expertise , anyone can install it.

Easy installation and debugging: Through two well-designed buttons to complete laser screen adjustment.

Small size: Small laser emitter (size: 16.5cm*2.5cm* 3.6cm), can be directly adsorbed on the surface of the white board because it is magnetic.

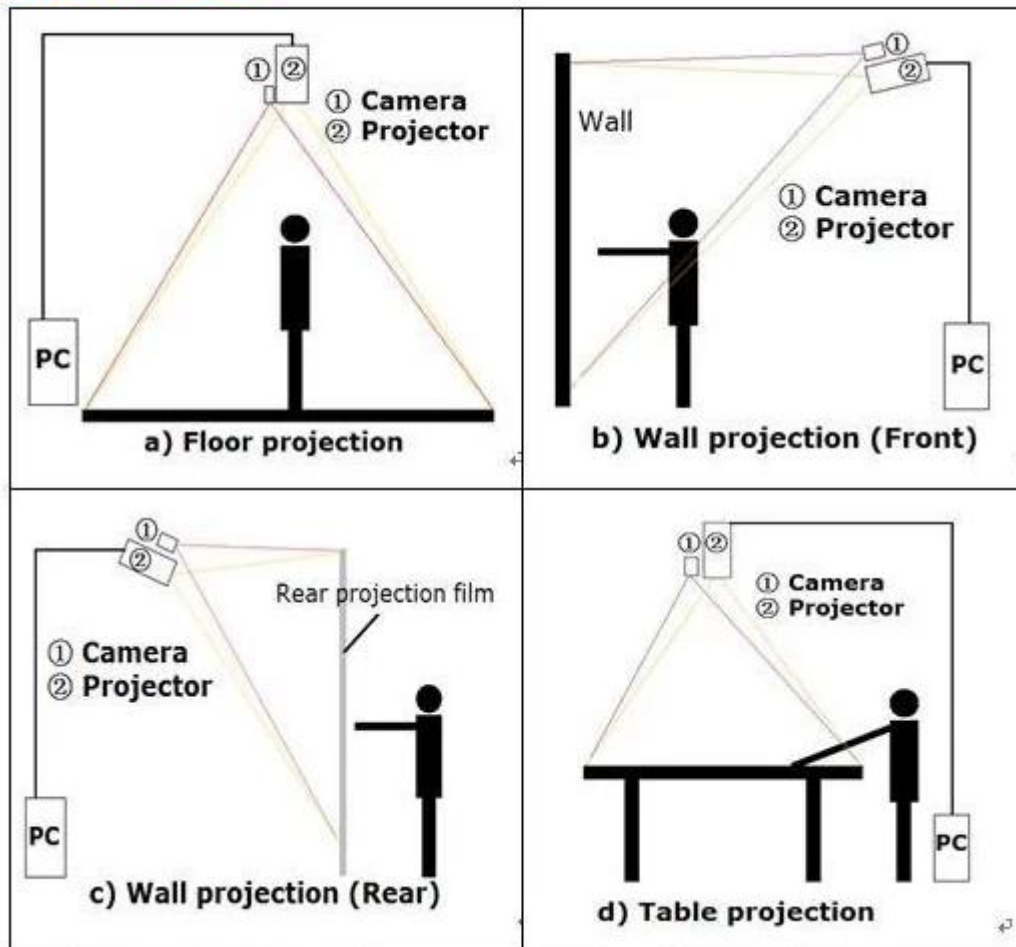
Wireless connection: Wireless data transmission between sensor and laser emitter. The camera automatically controls the on and off of the laser emitter through wireless signals, which greatly increases the lifetime of the laser emitter.

Transform normal whiteboard and wall into finger touch screen: FT8 can transform any whiteboard or wall into a finger touch screen.

Any opaque object can be used as a stylus in the interactive area.

Support dual screen splicing (Support extended screen splicing, fusion splicing, hard splicing) :The fusion process is performed at the screen splicing, and writing with the finger at the splicing area is still very smooth.

Structure:



Specifications:

FT8 Finger Touch Interactive Whiteboard Specifications		
Calibration	Automatic(5 seconds) / Manual (4/15 points)	
Multi-touch	255 points touch, writing and erasing can be performed simultaneously	
Latency time	<6ms	
Minimum Active Size	40 inch	
Max Active Size	Pen touch:220inches、Finger touch:150inches、Throwball game:300inches(no sunshine room)	
Technology	Laser Image Calibration Technology	
Calibration Accuracy	±1 Pixel (Resolution: 4096*4096)	
Aspect Ratio	4:3; 16:9; 16:10	
Projector ratio	Ultra short throw: 0.28/0.16	installation distance: 0.4-1m
	Short throw: 0.83 /0.57/0.38	installation distance: 1-3m
	Long throw: 0.97 /1.28	installation distance:3-5m.
Number of lasers	2pcs	
Sensor Power	5W	
Laser Emitter Power	280mw*2	
Sensor Voltage/Current	5V/500MA	
Laser Emitter Voltage/Current	3.3V/2A	
Signal refresh rate	60/120/240fps	
Connect	The sensor and computer are connected by USB Cable; Laser Emitter and Sensor are wireless; laser emitter just needs connect with power	
Laser Emitter Weight	146g	
Sensor Weight	67g	

OS Requirement	Windows XP, Windows 7, Windows 8, Windows10;Windows11;Android 9-12
Software	OwayIWB; multi-board
Certification	CE, FCC ,RoHS
Warranty	Sensor(3 years)、Laser emitter(1 year)、IR pen(1 year)
Package	1. Sensor 2. Laser Emitter 3. IR pen 4.USB cable (10m) 5. Remote control 6.Power Adaptor 7. CD with software

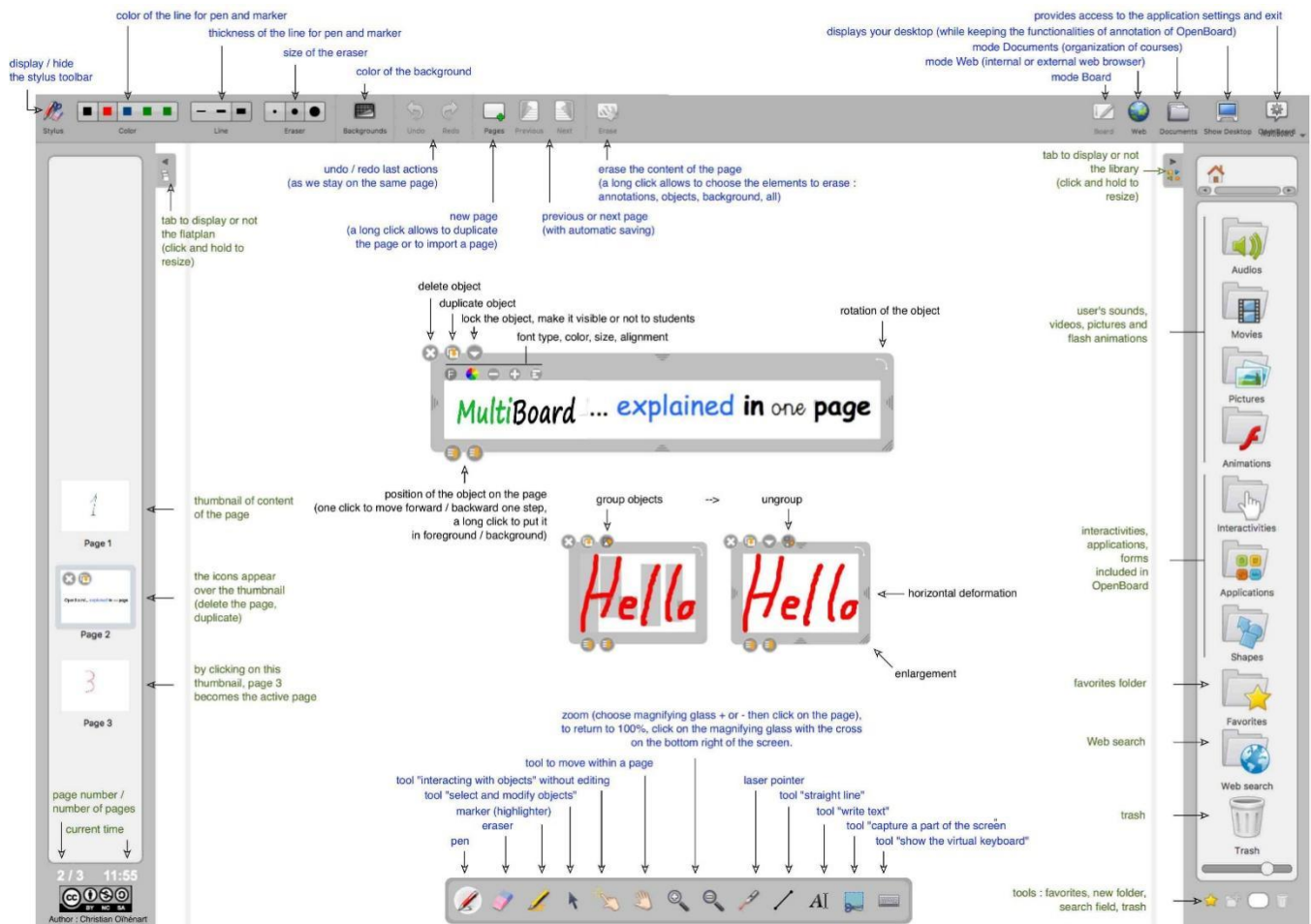
Laser Emitter Data:

Related parameters	
Input power	5V/1A
Input current frequency	50~60hz
Infrared wavelength	850nm
Infrared coverage area	5*7m
Dimension	L: 10cm、W: 5.5cm、T: 3cm

Multi-board Introduction

Multi-board Teaching software:

1. Compatible with various teaching materials (ppt, word, etc.)
2. Has a full range of tools, (straightedge, protractor, axes, etc.)
3. Can record and save
4. Podcast function.



multi-board Teaching software