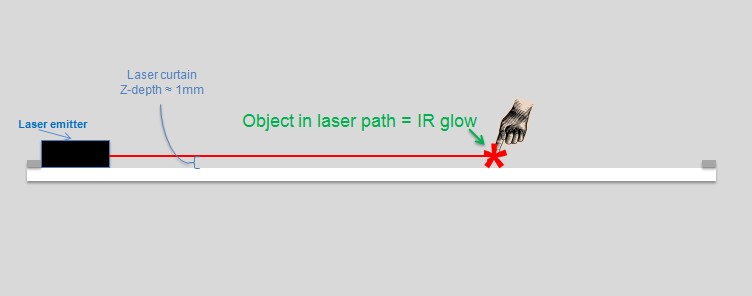
**Finger Touch Portable Interactive Whiteboard**

**(WB2900)**



Laser Image Calibration Technology

Oway Finger touch portable interactive whiteboards includes with two parts: emitter and signal receiver. Emitter is fixed on flat surface. It emits infrared laser curtain on the surface which is about 1mm thick invisible light and parallel with the projection screen surface, 1-2mm above the screen surface. When the fingers or any non-transparent objects touch this virtual surface, the light will be reflected and detected by the signal receiver. Computer will figure out the position of the mouse by accurate calculating the reflected light position.



Installation



USB Cable

**Power**

Emitter

Sensor Computer

Function and features introduction

1. High stability: Use the advanced algorithm to avoid the affect of the light.
2. Requirement for the board: The only requirement for the board or wall is flat and evenness. The board can be with the frame. The projection screen can closer to the frame, even in the edges of the frame, the finger touch product can work well.
3. Support plenty of gesture recognition: write with single finger; move with two fingers; eraser with palm; two fingers for zoom in& zoom out; two fingers work as scroll bar and so on.
4. **auto calibration**. Infrared technology and Optical technology only support manual calibration. Our auto calibration is much more accuracy and easier to operate.
5. Support 10 points finger touch (10 people can write together)
6. Support Larger active size: support 40-100” for the room with sunlight (if the room without sunlight, it can support the active size of 40-120”.
7. Portable, high integration and easy to install: Total weight is only around 500g. The installation is very easy, just need to put the emitter part on the upper of projection Screen, and the sensor mounted to projector or ceiling, No skill needed.
8. Sensor with the flash chips: don’t need to calibration if you change the computer with the same resolution ratio. It save time, and make the use easier.
9. The product is smaller. Emitter part size is 3.5cm x 17cm x 2.4cm; it can put on the board directly.
10. remote control: remote control the emitter on/off.
11. Sensor’s filter with Auto push-pull device: When do auto calibration, the filter will be open; after calibration, the filter will be closed automatically. Such action makes the product more stable to defense the interference light, and the auto calibration success easier.
12. Turn common board or wall to touch board. It can turn any flat surface (whiteboard, wall and so on) into finger touchable.
13. Any non-transparent object can be used as pen, like a rolled paper. In any active area, any non-transparent object can work instead of the pen and the mouse.

**Technical Parameter:**

|  |  |
| --- | --- |
| **Finger Touch Portable Interactive Whiteboard – WB2900** | |
| **Calibration** | Automatic / Manual (4/15 points) |
| **Multi-touch** | Ten points touch |
| **Latency** | <20ms |
| **Filter** | Software auto-control, enhance stability. |
| **Minimum Active Size** | 40 inch |
| **Max Active Size** | 120inch( no sunshine room);100inch( sunshine room) |
| **Technology** | Laser Image Calibration Technology |
| **Positional Accuracy** | ±1 Pixel (Resolution: 4096\*4096) |
| **Aspect Ratio** | 4:3；16:9；16:10 |
| **Projector ratio** | Long throw：3.0, installation distance:2.15~3.2M. |
| **Laser Beam** | Short throw/ Long throw: 3units; Ultra short throw: 3units. |
| [**Laser safety**](http://en.wikipedia.org/wiki/Laser_safety) | CLASS I (safety laser) |
| **Wave of the laser** | 808nm |
| **Power** | 5w |
| **Power of Laser Beam** | 150mW/unit \*3 |
| **Power requirements** | 5V/1.5A |
| **Signal refresh rate** | Real 60fps. |
| **Connect** | The sensor and computer are connected by USB Cable; Emitter and  Sensor are wireless; Emitter just need power. |
| **Weight** | 0.5kg |
| **OS Requirement** | Windows XP, Vista, Windows 7, Windows 8, Windows10 |
| **Software** | OwaySIWB |
| **Certification** | CE, FCC |
| **Warranty** | 2-year |
| **Package** | 1. Sensor 2.Emitter 3.Remote 4.USB cable (10m) 5.Pionter 6.Power Adaptor 7. Manual |