ITATOUCH®

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SHENZHEN ITA TOUCH TECHNOLOGY CO., LTD

The Catalogue
--- Interactive Whiteboard

ITA TOUCH
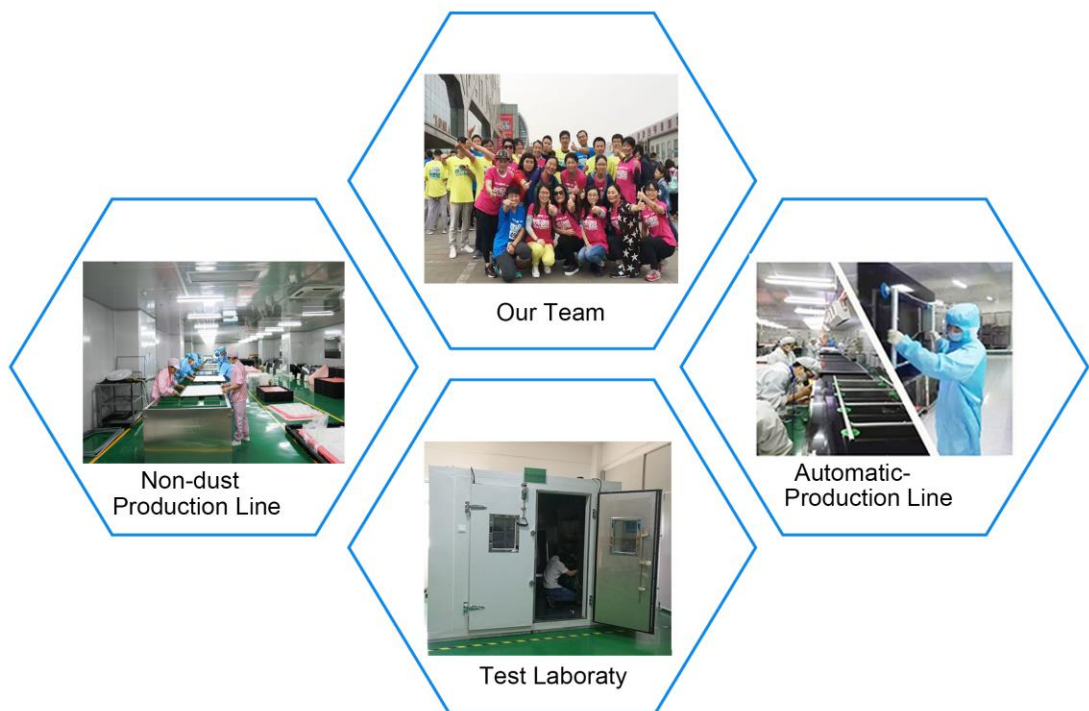--- Interactive Touch Screen

► Company Profile

Shenzhen ITA Touch Technology Co., Ltd. was established in Oct, 2013, focusing on the interactive high-tech products, specializing in the development of LCD touch screen monitor, interactive whiteboard, interactive learning software, infrared touch screen frame, interactive tablet ⋯ etc. With the setting up of the scientific management system in production, sales, technical supporting, and service organization, ITATOUCH's products passed the CE, FCC, ROHS certification, and have been appreciated from over 30 countries and regions in the world.

"Truth-seeking, Innovation, Development" is the belief of HITATOUCH, and consistently stick on the principle of faith, conscientious service and people-oriented, ITATOUCH strive to become one of the top suppliers in field of interactive products. ITA-Touch has done it, and kept doing better and better⋯

ITATOUCH is located in Shenzhen, its headquarters also, own a R&D team which over dozen employees with undergraduate or higher, two joint and large-scale plants with automatically production lines, which assures you the supply of customized products and OEM service with good quality as well as the mass production.

ITATOUCH people are full of confidence and earnestly hope to have your joint to enlarge our business, establish the heath and long business relationship in the near feature. Please feel free contact us for any order discussion!

Our Team

Non-dust Production Line

Test Laboraty

Automatic-Production Line

▶ ITATOUCH Strengths

TECHNOLOGY: Working with a professional R&D team, basing on the practice of interactive touch teaching, make us to be top one.

IR Touch Frame

Baking Room

TEAMS: Offer the quality service and flexible handling. Clients satisfaction is above all

LCD Interactive Touch

PRODUCTIONS: Perfect design and good finish from the automatically production lines and performance workers, which will make you a big surprise.

Digital Signage

Interactive Whiteboard

Manufacturer- Products: LCD Interactive Touch Screen, Interactive Whiteboard, IR Touch Frame, LCD Digital Signage, LCD Touch Table / Kiosk, Monitor

Honored: CE, FCC, RoHS, ISO9001, ISO14000

Website: www.itatouch.com   Email: info@itatouch.com

▶ Contents

► Interactive Whiteboard

Application Example of Interactive Whiteboard

1.1 Summary

Interactive Whiteboard is more and more popular for school teaching and conference, because of its convenient and multi functions which brings an interactive vivid teaching and studying environment.
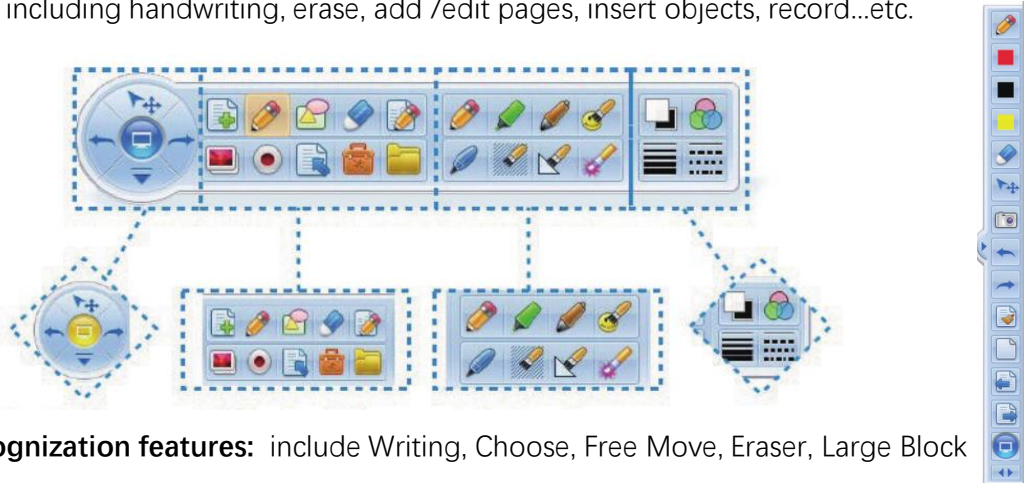
Whiteboard include IR multi touch and optical touch technology, the package with whiteboard software, and offer the different styles for customer, please see the following details.
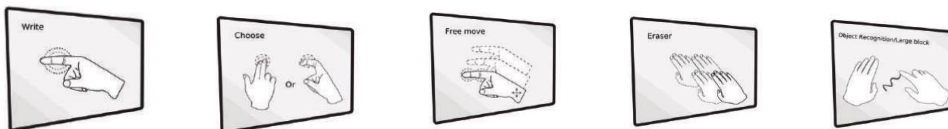
► **Interactive Whiteboard**

1.2 Whiteboard Software

The Draw View software, processing in whiteboard, is a powerful interactive tool, ideally for education and business applications. With it the whiteboard can fulfill functions including handwriting, erase, add /edit pages, insert objects, record…etc.
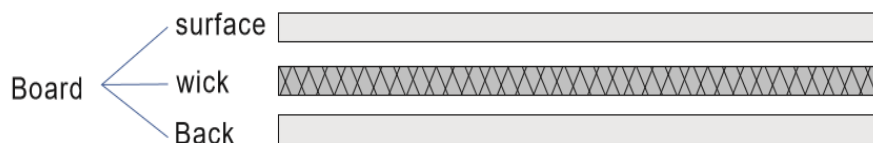

- **Gesture cognization features:** include Writing, Choose, Free Move, Eraser, Large Block

- **Multi-languages:** include English, Arabic, Spanish, Russian, Serbian, French, Turkish, German, Persian, Japanese, Korean, Vitamin, Thailand, Indianan, Malaysia **… Etc.**

1.3   Whiteboard Materials

The board materials will be constructed by three parts: Surface, Wick and Back as below picture.,

Customer can choose the board materials per below,

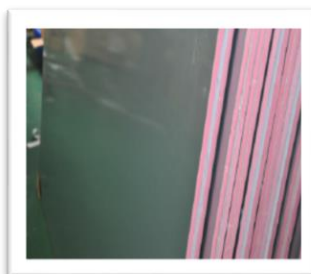**Surface Material:**
Option A: Cold rolled steel surface, anti-damage, Nano surface.
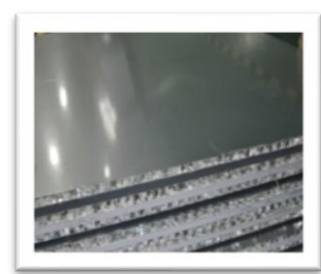Option B: Cold rolled steel surface, anti-damage, ceramic surface, hardness 7H. Dry-Ease, support marker pen.

Wick Material:
Option A: High density polyfoam
Option B: Honeycomb Aluminum

Back: Galvanized Steel Sheet
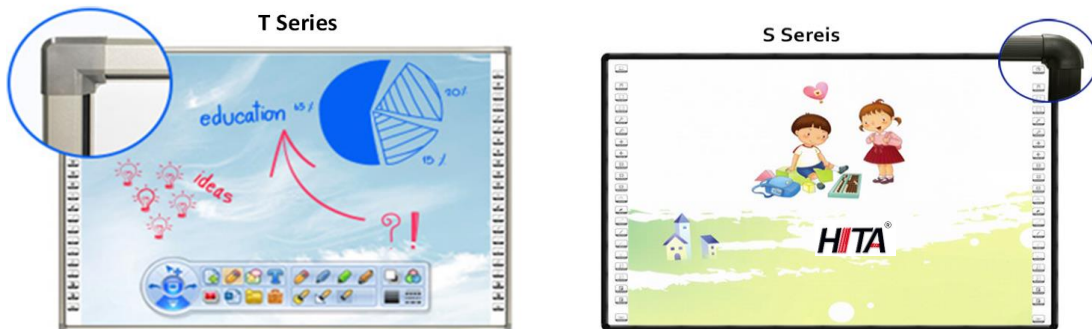

High Density Polyfoam Board

Honeycomb Aluminum Board

Interactive Whiteboard
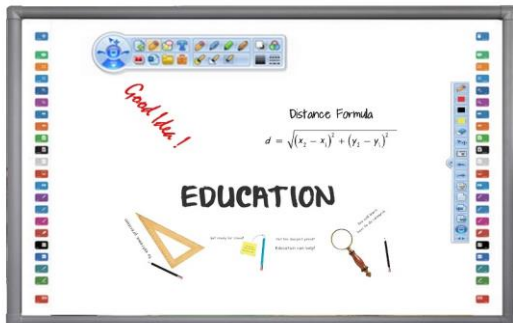
1.4 Infrared Whiteboard

We offer three kinds of styles for customers, include S series, Z series, and T series; All in one Interactive Whiteboard., also is IR multi technology.

T Series

S Sereis

Dimension for S Series & T Series

Diagonal Size	Aspect Ratio	Projection Size (mm)		Active Size (mm)		Total Area Size (mm)	
		Length	Width	Length	Width	Length	Width
82"	4:3	1501	1126	1636	1126	1705	1195
85"	4:3	1565	1174	1682	1174	1747	1174
90"	16:9	1847	1039	1946	1039	2011	1103
97"	16:9	1996	1123	2086	1126	2151	1190
100"	16:10	1950	1219	2117	1219	2182	1283

Z Series

Dimension for Z Series

Size	Ratio	Projection Size (mm)		Active Size (mm)		Total Area Size (mm)	
		L	W	L	W	L	W
85"	4:3	1530	1145	1638	1145	1755	1262
91"	16:9	1798	1011	1888	1021	2005	1138
96"	16:10	1837	1148	1969	1149	2082	1262
102"	16:9	2035	1145	2128	1145	2245	1262

Technical Specification:

Hardware Special Features	Gesture recognition
Technology	Infrared
Touch Point	4 touch/ 6 touch/10 touch
Cursor Speed	180 dot/s
Display ratio	4:3 16:9 16:10
Resolution	32768 x 32768
Positioning Accuracy	<2mm
Connecting Port	USB 2.0 USB 1.1 USB 3.0
View Angle	Horizontal 170°, vertical 160°
Operating System	Windows 2000, Windows XP, Windows Vista, Windows 7, Windows 8.1,Windows 10, Linux, Mac, Android
Power Supply	USB power supply DC 4.6V- 5.0V <1W (100mA at 5V)
Working Condition	Indoor or Outdoor
Storage	Temperature: -30°C~60°C Humidity: 0%~95%
Operation	Temperature: -10°C~45°C Humidity: 10%~90%
Installation	Wall mounted, cabinets, mobile stand (optional)

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Interactive Whiteboard

1.5 Optical Whiteboard

Optical technology includes 2 cameras (2points touch) and 4carmeras (10point touch).

* 2 cameras

Size	Ratio	Projection (mm)		Active (mm)		Total Area (mm)	
		L	W	L	W	L	W
85"	4:3	1592	1195	1697	1195	1754	1289

* 4 cameras

Size	Ratio	Projection (mm)		Active (mm)		Total Area (mm)	
		L	W	L	W	L	W
85"	4:3	1592	1195	1697	1202	1754	1259
91.9"	16:9	1184	1060	1989	1067	2046	1124

Technical Specification:

Input Method	Finger or any other opaque object
Transmittance	100% without glass (or board panel)
Touch Durability	Unlimited
Touch Object Diameter	≥10mm
Touch Activation Force	No pressure required
USB reported Resolution	32768*32768
Interface Type	USB2.0 (Full Speed)
Plug and Play	Supported
HID	Supported
Power Supply	Powered by USB
Power Requirements	DC5V±5% @500mA
Power Consumption	5VAverage power consumption<2.5W,@5V
Operating Temperature	0℃ ~ 55℃
Storage Temperature	-25℃ ~ 75℃
Operating Humidity	10% to 90% RH, non-condensing
Storage Humidity	10% to 90% RH, non-condensing
Drift	No drift in operating temperature range
ESD	Per EN 61000-4-2: Level 4, contact discharge 6KV, air discharge 8KV
Mounting Flatness	±2.5 mm

1.6 Mobile Stand
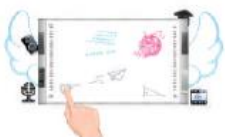
► All In One Interactive Whiteboard

The device embedded in the Computer, Amplifier, Control System, Visualizer, Microphone and Interactive Whiteboard, so called "All In One", User just have one piece of this board + Projector, then it could present a high-quality conference / teaching …. Etc.

The All In One Interactive Whiteboard offer a high-effective solutions, people do not worry the connections again, it is getting so simple to finish the speech / teaching, also save the room, to bring a comfortable and convenient environment.

Technical Specification:

Product Size	79"	86"
Touch Technology	Infrared Touch	Infrared Touch
Projection Size	1126*1501MM (73.9"	1220*1627MM(80.1")
Active Size	1140*1643MM(78.8")	1234*1797MM(85.9")
Inner Size	1140*1651MM(79.0")	1234*1805MM(86.1")
Total Area Size	1186*1884*60MM(87.6")	1280*2038*60MM(94.7")
Input Ports	HDMI*2, VGA*2, Audio*2, MIC*1, USB*1, Touch USB*1, AV*1, OPS Slot*1	
Output Ports	HDMI*1, VGA*1, RS232*1, AV*1	
Others	RFID Card x1, Speaker Volume Control Knob x1	
	Microphone Volume Control Knob x1	
	Press-Button and Indicator Light x9, Buzzer x1	
	Speaker 10W x2	Speaker 15W x2
	Power Amplifier 20W	Power Amplifier 30W
Visualizer	5 million pixels / 8 million pixels option	
OPS Mini Computer	Intel I3/I5, 4G RAM, 500G HDD, WIFI	
Input Voltage	AC(90 ~ 240)V-50/60HZ	
Power Supply	Standby Power：<1W, Rated Power：<190W	
Working Temperature	0°C ~ 40°C	
Touch Input	4,6, 10 or more option	
Responding Time	<15ms, continuous <8ms; Cursor Speed: 108 dot/second; object Size: ≥Φ8mm	
Touch Port	USB 2.0 / USB 3.0	
Touch Lifetime	600 minions at same position	
Accessories	1.8M Power Cable x1, 1.8M VGA Cable x1, 5M USB Cable x1, Touch Pens x3,	
	Pointer x1, Software CD x1 Wall mounted Accessories x 1 set	

| Interactive whiteboard | Visualizer | OPS PC | Central control | Audio | Microphones | All In One |

▶ Projector for Whiteboard

3.1 Short Throw Projector

Brief Technical Spec for HT-267:

1. Resolution: 0.65" @XGA, 1024X768 DDP4421
2. Brightness: 4000LM
3. Contrast Ratio: 13000:1
4. Throw Ratio: 0.62   82"@1m
5. Throw Distance: 0.35~4m(30"~300")
6. Aspect Ratio: 16：10/16：9/4：3
7. 3D Functions: 120Hz Standard Shutter 3D Function
8. Lamp life: (Normal)6000H/(Eco)10000H
9. D-Sub 15-pin x 2, S-Video x 1, Video x 1, Audio signal input (3.5mm stereo mini jack) x 1, HDMI x 1, MIC IN (OSD switch with Audio IN "2")
10. D-Sub 15 pin x 1, Audio signal output (3.5 mm stereo mini jack) x 1
11. RS-232 x 1, Mini USB type x1 (supports firmware upgrade）

3.2 Laser Projector *****

Brief Features:

✓ Smart eye care
✓ Smart temperature control
✓ Instant boot and 0-second shutdown
✓ Non-mercury light Source, safe and environment friendly
✓ WXGA image quality of 1280*800 for ILP-UA model;
✓ Full HD image quality of 1920*1080 for ILP-UB model.
✓ Ultra long lifespan of 20000 hours

▶ Document Visualizer

1, Shot: 1/2.5inch professional CMOS camera
2, Pixels: 500 million pixels
3, Resolution: 2592 × 1944
4. Shooting size: A4 page
5, Compatibility: Supports Windows
7.Windows VISTA, Windows XP, Windows 2000
6. Device dimension: Working, 385mm * 365mm * 330mm. Folded, 350mm * 70mm * 330mm

Draw View Pad

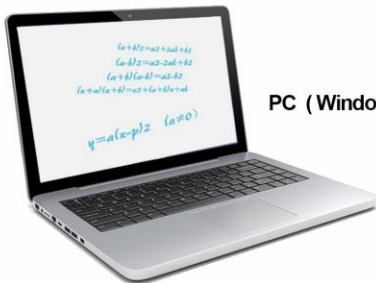## Draw View Pad

Size: 42", 84"

Draw View Pad is a Digital Flip Chat for Conference & Classroom.

- Write with dry-erase pens and transmit, share and save the content in real-time with PC, Smartphones, or Tablet.
- Compatiable with Windows, IOS, Android OS.
- Support 32 terminals, wireless transmit, WIFI connecting.
- Compact Modern Design: Tempered glass / Ceramic Surface with standard USB cable.

$$(a+b)2 = a2 + 2ab + b2$$
$$(a-b)2 = a2 - 2ab + b2$$
$$(a+b)(a-b) = a2 - b2$$
$$(x+a)(x+b) = x2 + (a+b)x + ab$$

$$y = a(x-p)2 \quad (a \neq 0)$$

Tablet
(Android, IOS, WIN OS)

Smart Phone (Android, IOS)

PC (Windows OS)

Mobile Stand

Specification:

Size	42" / 84"
Technology	Infrared
Active Area	950*600mm / 1072*1855mm
Response object	Dry-erase pen
Points input	1
Display Ratio	16:9 / 9:16
Material for writing	tempered glass / ceramic
Compatiable System	IOS, Android and Winos OS, can be download from " appstore"
Data transfer way	WiFi
Data format	.jpg, support USB store
Devices support	32pcs(depend on internet speed)
Power supply	DC 5V, 380ma, Working: 1.9W, Standby: 0.75w
Accessories:	Dry-erase pen x 3, Eraser x 1, Power adapter x 1, USB cable x 1
Mobile stand	42 Inch only
Product Dimension	Package Size 1210*840*160 mm / 1320*2030*150mm /±2mm
Weight Net	approx. 9 kg / approx. 20-25 kg
Weight Gross	approx. 14,5 kg / approx. 35-40 kg

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Infrared Touch Screen Frame

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OEM & Customized Service

- Customizing products including the width of frame, touch points quantity, product dimensions is welcomed for the IR touch frame.

- Normal size include 32", 42", 46"/ 50", 55", 65", 70", 75", 84" , others customized.
- Touch Points: 4points, 6points, 10points, 16points, 32points …

- **Technical Parameter:**

Touch Technology:	Infrared
Installation Style:	Built-in or Overlay
Touch Points:	Support 10 ~32Points (Optional)
Touch Style:	Finger, Pen, Pointer or Any Other Non-Transparent Object
Positioning Resolution:	4096*4096/16384*16384/32767*32767
Writing Respond Time:	<6 ms
Cursor Speed:	>180 dots/Second
Position Accuracy:	<0.5mm
Gesture Recognition:	Zoom in, Zoom out, Rotate, Erase, Multi Tasks Switching Intelligent Recognition, New generation intelligent objects recognition function, even is sheltered by big objects (such as fingers ,books, eraser, etc), The area around the objects can still be operated without affecting the normal using.
Anti-Lights:	Good Anti-Lights Performance
Water-Proof and Dust:	Support
Environment:	Qualified with good anti high temperature, wet-proof environment

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