✓EIBOARD

Shenzhen Fangcheng Teaching Equipment Co.,LTD

Official Website

Work Wechat ID

WA Business

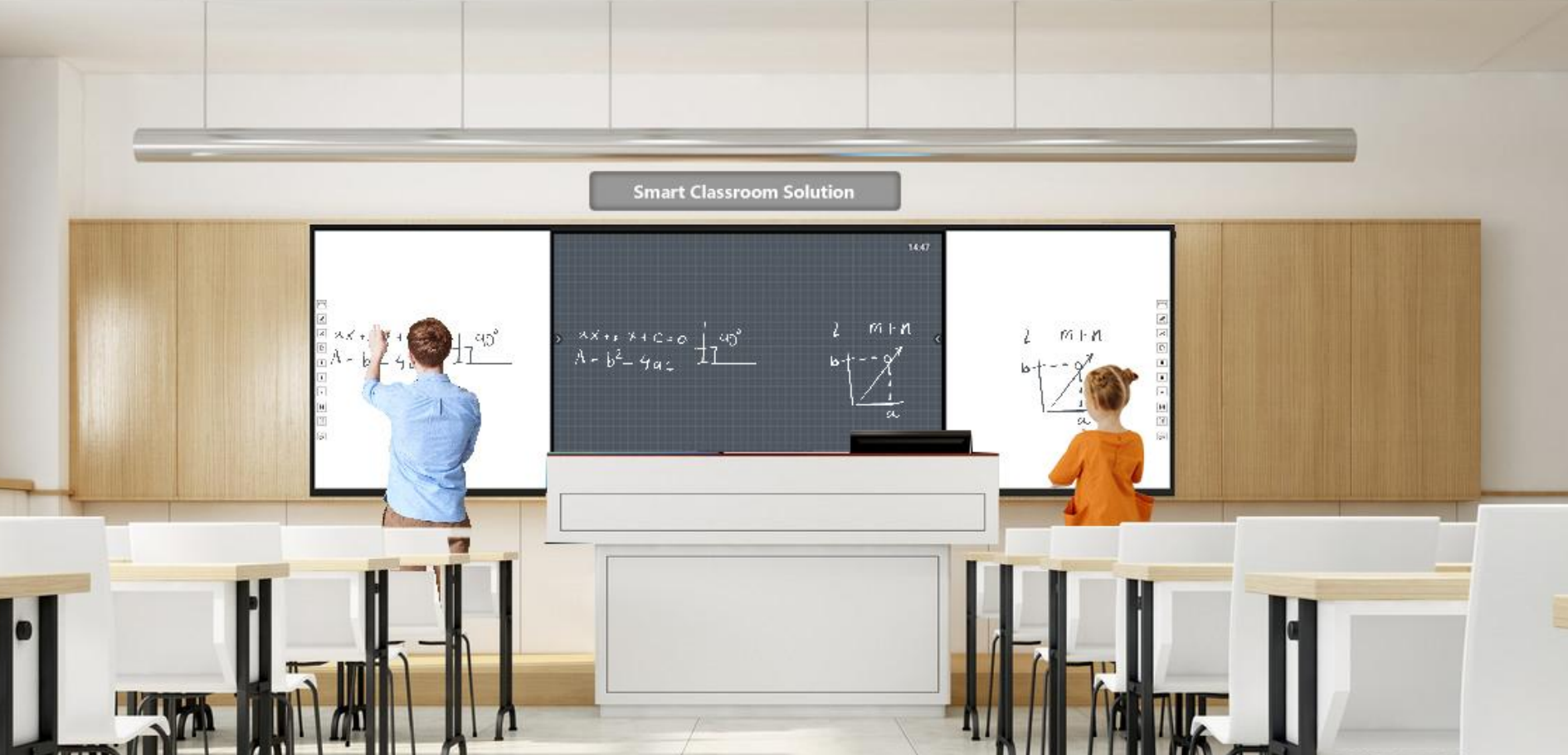## Shenzhen Fangcheng Teaching Equipment Co.,LTD

Website：www.ei-whiteboard.com
Telephone：+86-755-29645996
E-mail：kerry@ei-whiteboard.com
WhatsApp/Mobile: +86-18926013451
Address: A2 Building , Dawei Shahe Industrial Park, Jiangfu Road South , Guangming District ,Shenzhen,China.

Smart Classroom Solution

EIBOARD

ABOUT US

Shenzhen Fangcheng Teaching Equipment Co., Ltd, established in 2009 , is a National High-Tech Enterprise integrating research, processing and trade. Its headquarters is located in Shenzhen,China. With independent brands "FCYJBOARD" and "EIBOARD" , the company is dedicated to the R&D, production, and sales of commercial displays and interconnective technology products. The main products include LED recordable smart blackboard , LED interactive touch screen,interactive terminal, interactive flat panel , interactive whiteboard, multimedia all-in-one PC and related integrated systems for teaching and conferencing.

The company takes ISO9001 quality management system as a benchmark for management, focusing on the application of commercial displays and interconnective smart blackboard products. It adheres to the service philosophy of "Customer First" and continuously accumulates experience and resources to improve users' experience through innovation.

Looking ahead to the future, the company aims to be a leading global educational information brand by focusing on precise teaching and data-driven development of "Internet+ Education." The company strives for excellence by maintaining superior quality, advanced technology, and product innovation, providing thoughtful services to global users, and striving to achieve intelligent education.

2 World's First Launch

• LED Recordable Smart Blackboard ---- 2019

• Modular Designed Multimedia All-in-One PC ---- 2014

4 Invention Patents

• LED Recordable Smart blackboard ---- Patent No.: ZL202211149665.X

• Conference Smart Blackboard ---- Patent No.: ZL 202211091912.5

• Modular Design of All-in-One PC ---- Patent No.: 201420453639.0

• All-in-One Remote ---- Patent No.: 2017104668665

OUR HISTORY

2009
Established, with a focus on the R&D of interactive whiteboards.

2011
Became a leader in the education industry, with the innovative R&D of modular and combined teaching multimedia all-in-one PC.
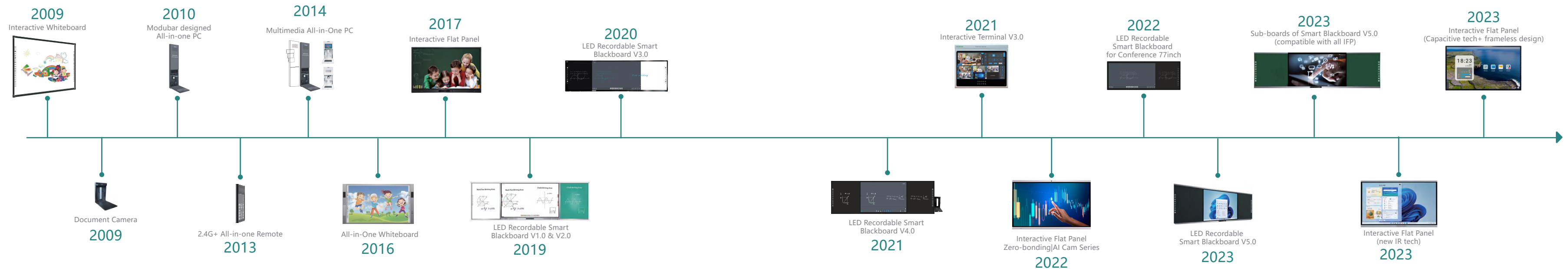
2013
Lauched multimedia teaching solution, producing 100,000+ multimedia all-in-one PC per year.
Also successfully developed a multifunctional 2.4G+remote and obtained invention patent.

2015
Recognized as a National High-tech Enterprise and invested in the R&D of multimedia all-in-one whiteboard and received a certificate for "Digital Campus Comprehensive Solution."

2017
Constructed a comprehensive solution for smart teaching. We innovatively developed LED interactive touch screen and obtained a software product certificate in the same year.

2019
Successfully developed LED recordable smart blackboard and interactive terminals, obtaining 26+ patents.

2022
LED recordable smart blackboard was digitalized with Cloud, and new launched V4.0. Smart IoT Control presents fusion of 1+ N.

2009
Interactive Whiteboard

2010
Modubar designed All-in-one PC

2014
Multimedia All-in-One PC

2017
Interactive Flat Panel

2020
LED Recordable Smart Blackboard V3.0

2021
Interactive Terminal V3.0

2022
LED Recordable Smart Blackboard for Conference 77inch

2023
Sub-boards of Smart Blackboard V5.0 (compatible with all IFP)

2023
Interactive Flat Panel (Capacitive tech+ frameless design)

Document Camera
2009

2.4G+ All-in-one Remote
2013

All-in-One Whiteboard
2016

LED Recordable Smart Blackboard V1.0 & V2.0
2019

LED Recordable Smart Blackboard V4.0
2021

Interactive Flat Panel Zero-bonding|AI Cam Series
2022

LED Recordable Smart Blackboard V5.0
2023

Interactive Flat Panel (new IR tech)
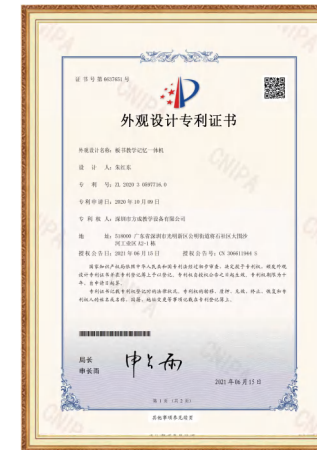**2023**

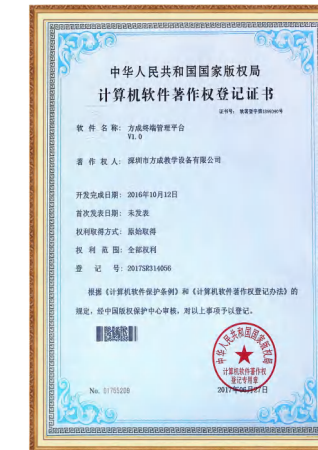# OUR CERTIFICATES

National High-Tech Enterprise

Invention Patent of
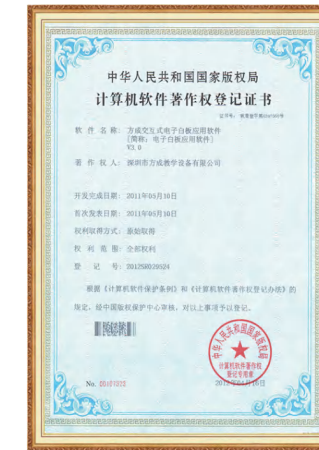Smart Blackboard

Invention Patent of
Conference LRSB

Appearance Patent*20+

Software CopyRight*10+

Software CopyRight*10+

Contribution Award

Utility Models Patent

Energy Conservation
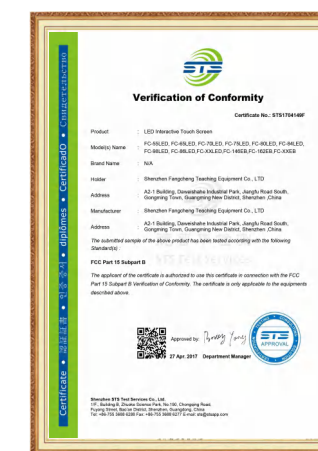
Trademark*3

IEC Report
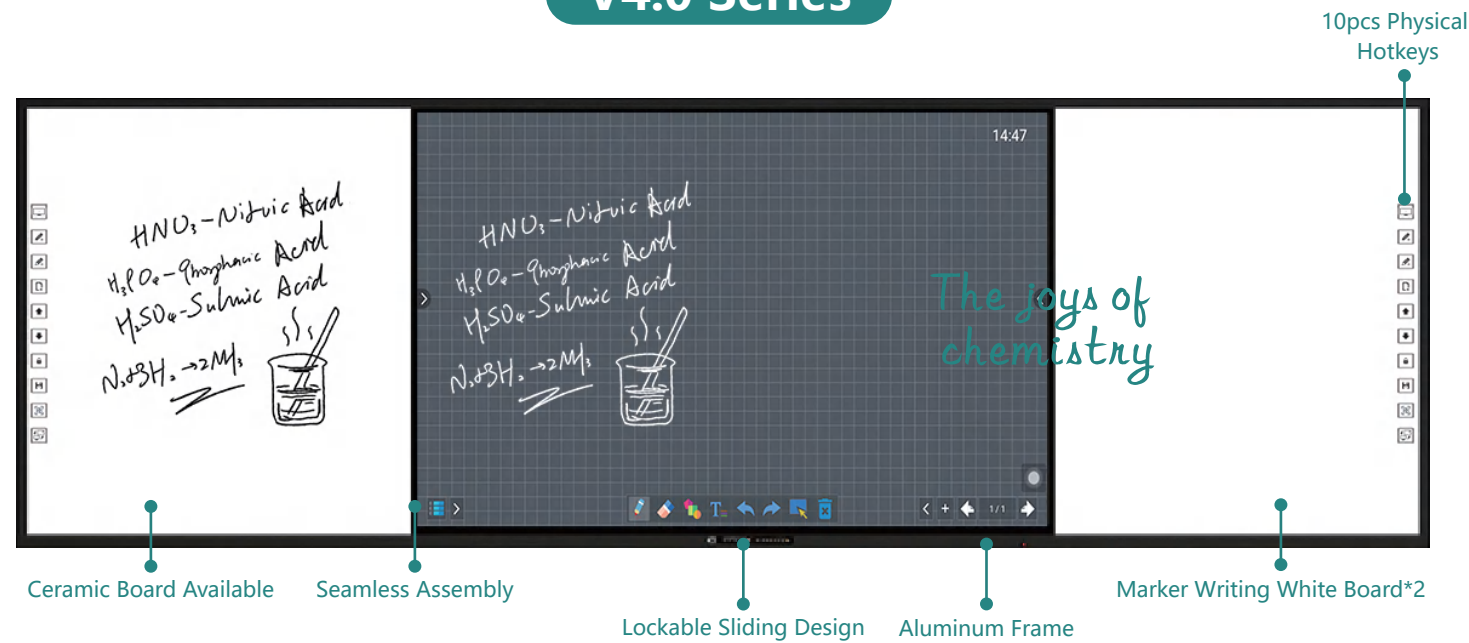
CCC

ISO9001:2015

ISO45001:2018

ISO14001:2015

CE

FC

RoHS

Led Recordable Smart Blackboard

V4.0 Series

10pcs Physical Hotkeys

14:47

HNO_3 - Nitric Acid
H_3PO_4 - Phosphoric Acid
H_2SO_4 - Sulfuric Acid
$NaOH$ → $2M/3$

The joys of chemistry

- Ceramic Board Available
- Seamless Assembly
- Lockable Sliding Design
- Aluminum Frame
- Marker Writing White Board*2

146/162/185/" Flat Panel	E-content Transform	Dual System	20 Points	Screen Share	Various Teaching Tools

•• Product Features ••

Multiple Record Mode

Direct Mirroring:
The writing contents on sub-boards can be directly mirroring to main screen (IFP) simultaneously.

Memory Record:
Making notes on sub-boards while playing media resourses on main screen (IFP), then one-button to record notes as e-content to main screen.

Multiple Working Mode

Ordinary White Board + Smart Board

Multi-users can work on main screen (IFP) and sub-boards simultaneously or separately.
To show the full process and makes real interactivity.

Multiple Writing Mode

Seamless big-size panel: to write by marker.
Main-screen(IFP): to write by finger/pen/marker.
Sub-boards: whiteboard to write by marker.

More Unique Features

Seamless writing panel of 146/162/185 inch.
Lockable sliding design with dust-proof & waterproof.
Gesture eraser and pen tray tools for convenience.
Pluggable modular design for easier maintenance.

•• Detail Specifications ••

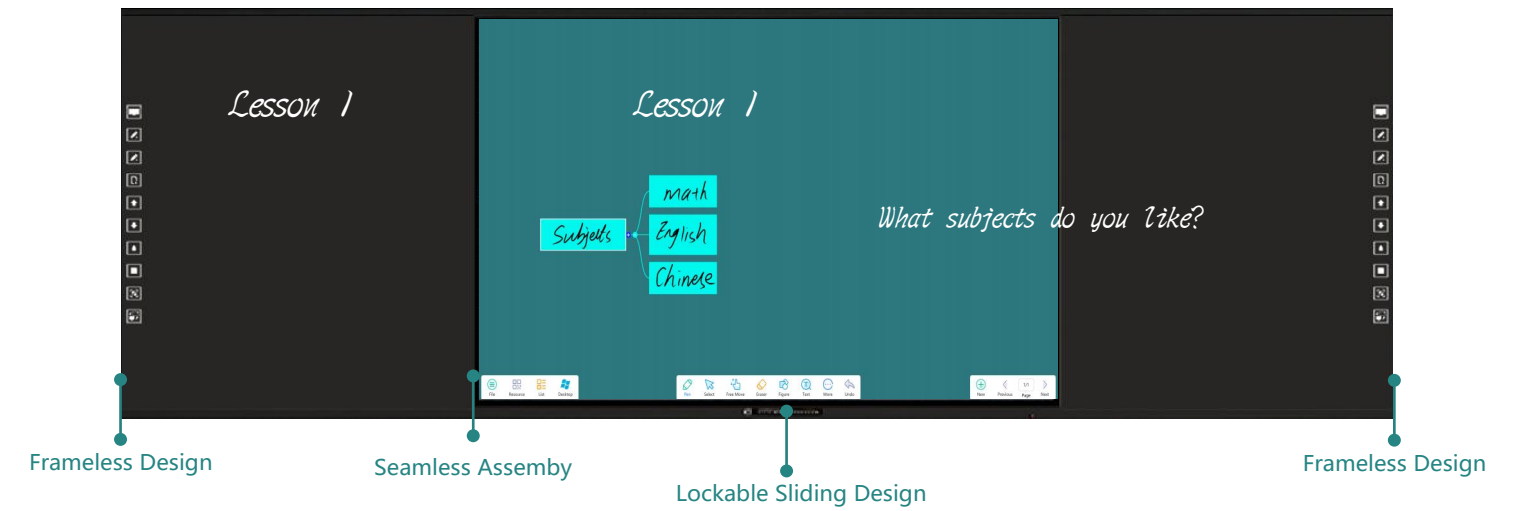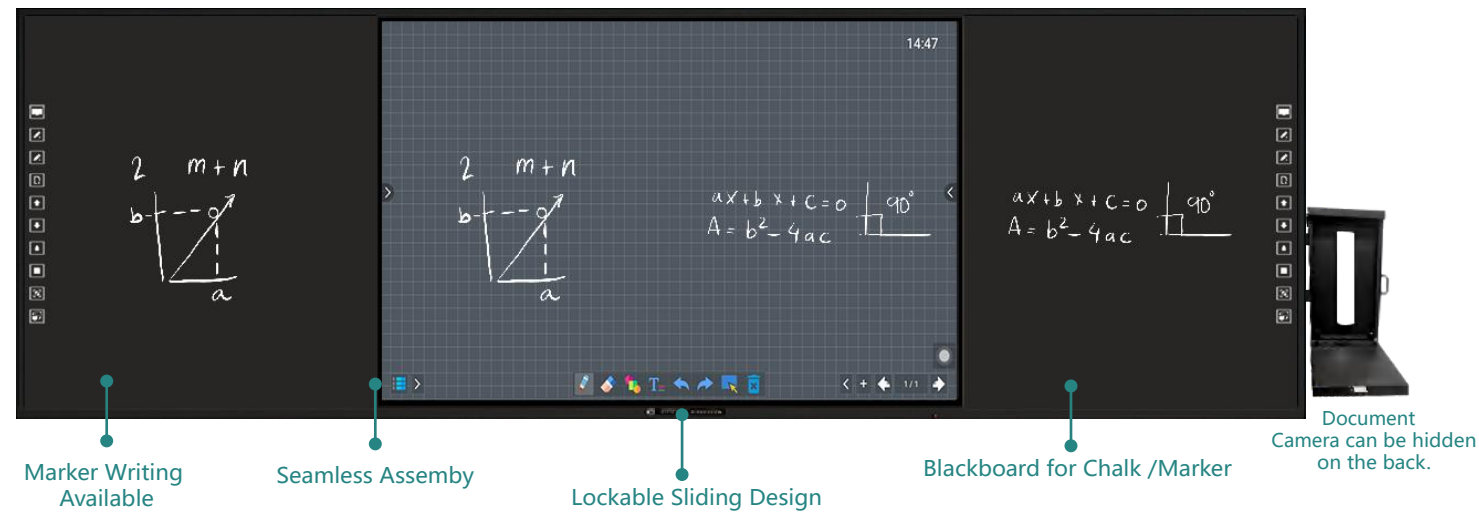| Item	Model No.	FC-146EB	FC-162EB	FC-185EB
Dimension	Size	146 inch	162 inch	185 inch
	Dimension(L*D*H)	3573* 143*1044 mm	3953* 143*1183 mm	4504*161*1336mm
	Sub-screen (L*D*H)	933* 61.5*1044mm *2pcs	1000* 61.5*1183mm *2pcs	1143*61.5*1336mm *2pcs
	Packing Size(L*H*D)	1845*1190*200 mm*1 ctn; 1030 * 190 *1140 mm*1 ctn	2110*1375*200mm*1 ctn; 1097*190*1280mm*1 ctn	2410*350*1660mm*1 ctn; 1240*190*1433mm*1 ctn
	Weight (N.W. /G.W.)	82KG/ 95KG	105KG/118KG	130KG/152KG
Electricity Performance	Voltage	110-240V(AC) 50/60Hz		
	Power Consumption	≤ 300W(without OPS)	≤ 400W(without OPS)	≤ 450W(without OPS)
Display Specification	Main Screen Size (H*V)	1649.66* 927.93mm	1872* 1053mm	2158.85*1214.35mm
	LCD Main Screen Size	75inch	85inch	98inch
	Resolution	3840*2160（UHD），4K/60GHZ		
	Ratio	16:9		
	Contrast	4000:1		
	Brightness	400cd/m²		
System Specification	System	Android 11.0 embedded system		
	Processor	Cortex A55*4, 1.9GHz		
	Storage	RAM 4G, ROM 32G		
	OPS for Windows	Intel i3/i5/i7, RAM 4G/8G/16G/32G, Storage 128G/256G/512G/1T, Pre-install Windows 10/11 Pro as option		
Accessories		Power cable*1; Touch pen*1 ; Remote controller*1 ; Instruction manual*1 ; Marker *1;Eraser*1; Wall brackets*1 set		

•• Applications ••

Led Recordable Smart Blackboard

V4.0 Series

- Marker Writing Available
- Seamless Assemby
- Lockable Sliding Design
- Blackboard for Chalk /Marker
- Document Camera can be hidden on the back.

| 146/162/185/" Flat Panel | E-content Transform | Dual System | 20 Points | Screen Share | Various Teaching Tools |

- Android 11.0, 4G+32G
- Pluggable & Lockable Design
- 4 Physical Buttons for Quick Access to Apps
- Full-function Type-C
- Optional 4K Camera with Mic
- Optional 2.4G+ All-in-One Remote
- Multi Sizes & Sub-boards
- Optional Foldable Document Camera

V5.0 Series

- Frameless Design
- Seamless Assemby
- Lockable Sliding Design
- Frameless Design

| 146/162/185/" Flat Panel | E-content Transform | Dual System | 20 Points | Screen Share | Various Teaching Tools |

- Two-IR-Bezel Design
- Easy to Install
- Water-proof
- Dust-proof
- Full-function Type-C
- Support One-line for Dual Systems' Network
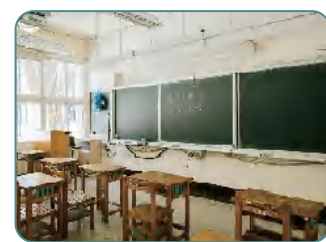- Convenient Pen Tray
- Optional IC Card Funtion

•• **Applications** ••

•• **Applications** ••

What is an Led Recordable Smart Blackboard?

•• OEM /ODM & More Customization ••

The 5th Generation Modern Digital Interactive Classroom Solution

LED Recordable Smart Blackboard

4ᵗʰGen

Nano Smart Blackboard

Traditional Classroom with Chalk/Marker Board

1ˢᵗGen
Projection Screen

2ⁿᵈGen
Interactive Whiteboard

3ʳᵈGen
Interactive Flat Panel

Double-side Sub-boards: Whiteboard

Double-side Sub-boards: Blackboard

Double-side Sub-boards: Green Board
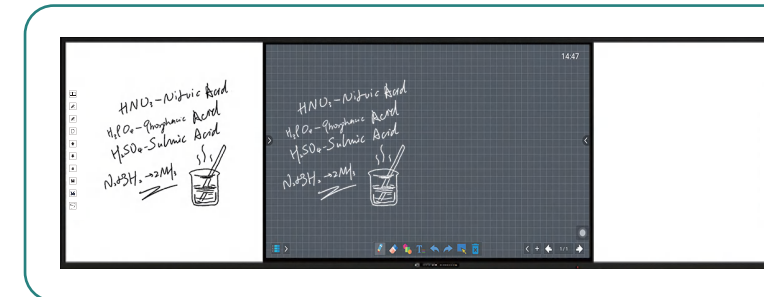
Double-side Sub-boards: Mixed Boards
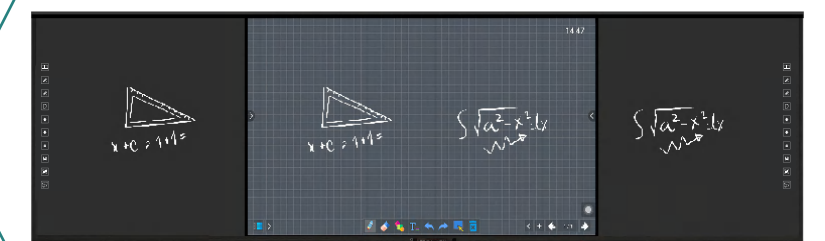
Single-side Sub-board

Unique Features

- Patented design and world's first launch since 2019
- Intelligently record all handwriting content to save as e-content.
- Smart interconnected with man-machine, to connect traditional & morden technologies all in one.
- Collaborative to design interactive panel and sub-boards all in one with seamless writing panel.
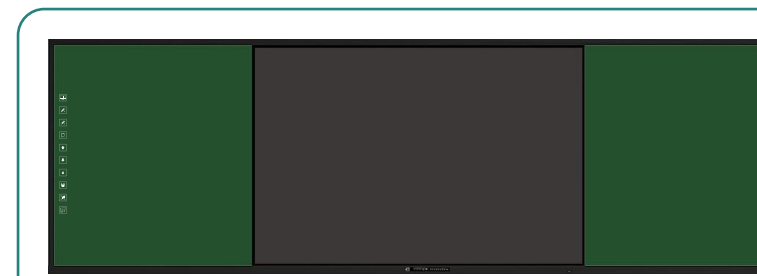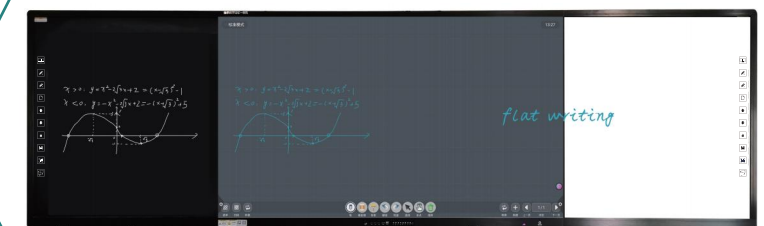- Multiple designs for education and conference sections.
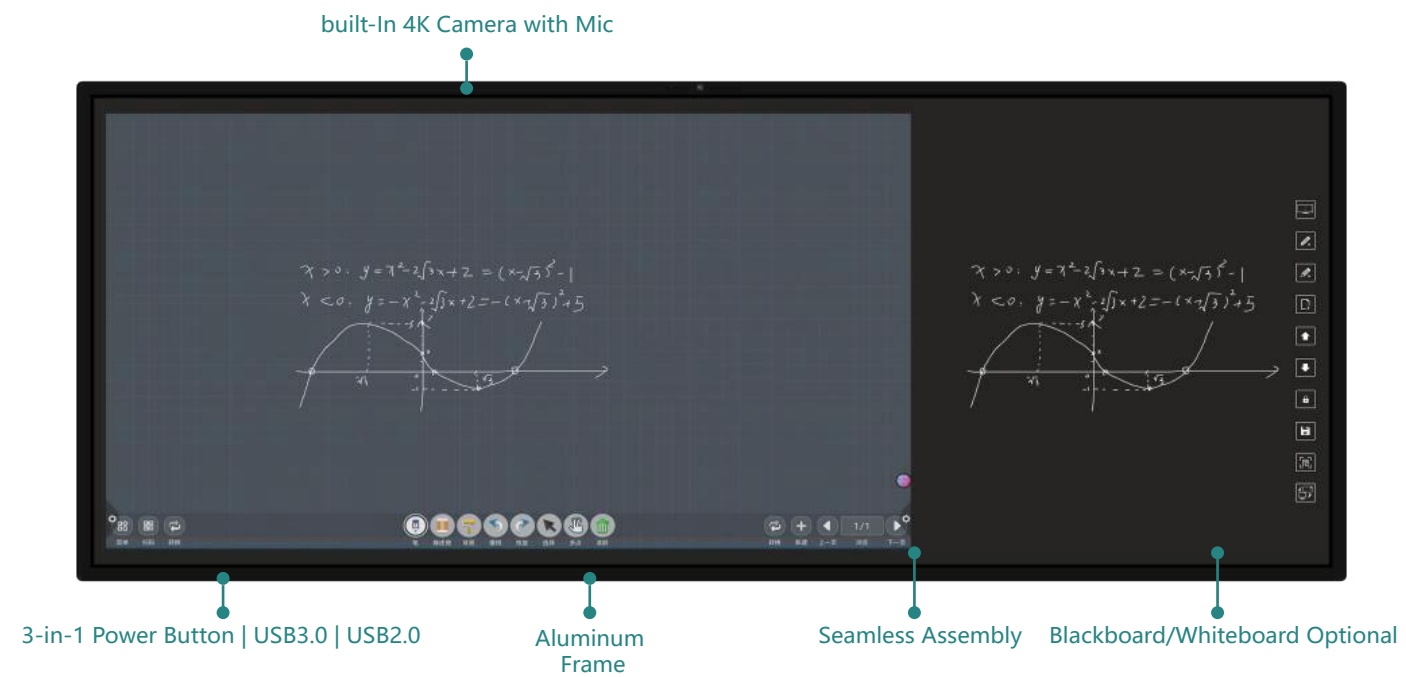
• Sub-boards can be provided separately, to be compatible with all interactive flat panels .

Conference Smart Blackboard

V4.0 Series

built-In 4K Camera with Mic

3-in-1 Power Button | USB3.0 | USB2.0

Aluminum Frame

Seamless Assembly   Blackboard/Whiteboard Optional

Mainscreen IFP sizes 55~98inch

E-content Transform

Dual System

20 Points

Screen Share

Various Teaching Tools

•• Product Features ••

- 77Inch Seamless Writing Panel
- Hand writing Notes Recorded as E-content
- 4K Camera with Microphone
- 20 Touch by Finger /Pen/Chalk/Marker
- Wireless Multi Screen Share
- ScreenRecord and Free Annotation

•• Detail Specifications ••

Item	Model No.	FC-77EB	FC-94EB
Dimension	Size	77inch	94inch
	Dimension	1890*787*120mm	2219*919*120mm
	Main Screen	1209.6*680.4mm	1428.48*803.52mm
	Sub-Screen	605(H)*340(V)mm	714(H)*402(V)mm
Electricity Performance	Voltage	110-240V(AC) 50/60Hz	
	Power Consumption	⩽ 160W(without OPS)	
Display Specification	Main Screen size	55 inch IFP	65 inch IFP
	Panel	A Grade 4K LCD Screen	
	Resolution	3840*2160mm(H*V)	
	Ratio	16:9	
	Contrast	4000:1	
	Brightness	400cd/m²	
System Specification	System	Android 11.0 embedded system	
	Processor	Cortex A53*4, quad cores, 1.5GHz	
	Storage	RAM 2G,ROM 32G	
	OPS PC	Intel i3/i5/i7(Optional) ; Windows10/11(Optional)	
Accessories	Power cable*1; Touch pen*1 ; Remote controller*1 ; Instruction manual*1 ; Marker *1;Eraser*1;Wall brackets*1 set		

•• Applications ••

LED Interactive Touch Screen

ED Series

43mm

Front Function Buttons & Interfaces, with Sliding Lockable Protection

Downward Designed Speakers

•• Product Features ••

- Zero-bonding Writing Effects
- Sliding Lockable Design
- Dual System
- 4K 4K A Grade Screen
- Wireless Screen Share
- OEM/ODM/SKD Available

•• Options for Android System ••

Android Version	Processor	CPU	RAM	Storage	Marks
Android 11.0	T982	A55*4; 4 Cores/ 1.9 GHz	4/8G	32/64/128G	B982/all series
	T982	A55*4; 4 Cores/ 1.9 GHz	4/8G	32/128G	EC/ED series not supported
	311D2	A73 *4+ A53*4; 8 Cores/2.2 GHz	8G	128G	--
	FT92	A53; 4 Cores/1.5GHz	2G	32G	--
Android 12.0	RK3588	A76 *4+ A55*4; 8 Cores/2.4GHz	8G/16G	64/128/256G	--
Android 13.0					

•• General Technical Parameters ••

	Screen Size	55″	65″	75″	86″	98″
LCD Panel	Screen Type	DLED				
	Resolution	3840(H)×2160(V) (UHD)				
	Color	10 bit 1.07B				
	Active Size	1209.6* 680.4mm	1428.48*803.52mm	1649.66*927.93mm	1895.04*1065.96mm	2158.85*1214.35mm
	Brightness	>400cd/m2				
	Contrast	4000:1 (according to panel brand)				
	Viewing Angle	178°				
	AG Glass	Tempered explosion-proof glass 4 mm				
	Backlight Lifetime	>50000 hours				
Electrical performance	Max Power	≤200W	≤250W	≤300W	≤400W	≤450W
	Standby Power	≤0.5W				
	Voltage	110-240V(AC), 50/60Hz				
Touch	Touch Technology	IR touch; 20 points; HIB Free drive				
	Touch Items	Finger, Pen, any opaque objects				
	Response Speed	≤ 6ms				
	Operation System	Support Windows, Android, Mac OS, Linux				
Speakers	Power	15W*2 / 8Ω; (2.1EDR with 20 * 2 as option)				
Working Environment	Working Temperature	0℃ ~ 40℃				
	Storage Temperature	- 20℃ ~ 60℃				
	Working Humidity	10%-90% non-condensing				
Accessories		Power cable*1 pcs; Remote controller*1 pcs; Touch pen*1 pcs; QC&Warranty card*1 pcs;Wall mount brackets*1 pcs; Mobile stand as option				
I/O Interfaces		Input Ports: HDMI, LAN(RJ45), AV in(mini),USB 3.0, USB2.0, RS232 , Touch USB, OPS Slot Output Ports: SPDIF, Earphone, AV OUT, Other Ports as option: Type-C, DP,HDMI-out,RJ45-out (I/O Interfaces are different according to different Android versions.)				

•• Options for Windows System ••

OPS Type	OPS-C ; 80-Pin
Dimension	195*180*42mm
CPU	Intel I3/i5/ i7 with 4th~12th or latest generation as option
Memory	4G/8G/16G/32G DDR3/DDR4 as option
Storage	128G/256 G /512 G SSD/1T as option
System	Pre-install Win 10/11 Pro as option

•• Product Dimension ••

Items / Model No.	FC-65LED	FC-75LED	FC-86LED
Packing dimension	1620*1054*200mm	1845*1190*200mm	2110*1375*200mm
Product dimension	1490*894*95mm	1710*1018*95mm	1957*1158*95mm
Wall mount VESA	500*400mm	600*400mm	750*400mm
Weight(N.W/G.W)	41Kgs/52Kgs	56Kgs/67Kgs	71Kgs/82Kgs

LED Interactive Touch Screen

EC Series

Speakers   **Front Function Buttons & Interfaces, with Sliding Lockable Protection**

EDS Series

13mm

43mm

3-in-1 Power Button | USB3.0 | USB2.0   **Downward Designed Speakers**

•• Product Features ••

- 4K A Grade Panel
- Dual System
- Sliding Lockable Design
- 20/40-Point Touch
- Wireless Multi Screen
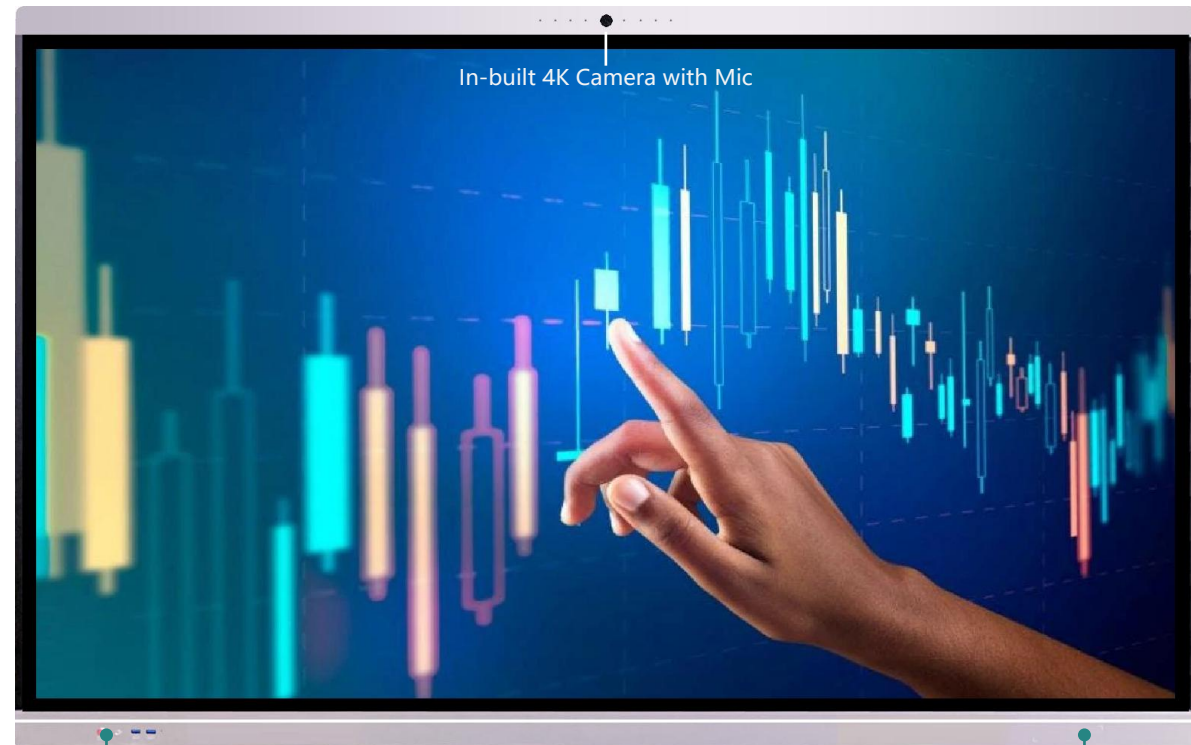- Licensed Whiteboard Software

•• Product Features ••

- Man-machine Interaction
- Classical Appearance Design
- Dual System
- Wireless Screen Share
- Free Annotation
- OEM/ODM/SKD Available

•• Applications ••

•• Applications ••

Interactive Flat Panel

M Series

In-built 4K Camera with Mic

3-in-1 Power Button | USB3.0 | USB2.0

Downward Designed Speakers

C Series

19:00

2023/05/06 Saturday

Whiteboard writing | Powerpoint presentation | Split screen interaction | More applications

Frameless Design

•• Product Features ••

4K Built-in 4K Camera with Mic

Classical Appearance Design

Zero-bonding Writing Effects

Dual System

Wireless Screen Share

20/40-Point Touch

•• Product Features ••

Capacitive Touch Technology

Pure Flat Screen

Dual System

Frameless Design

Wireless Screen Share

Multi Touch

•• Applications ••
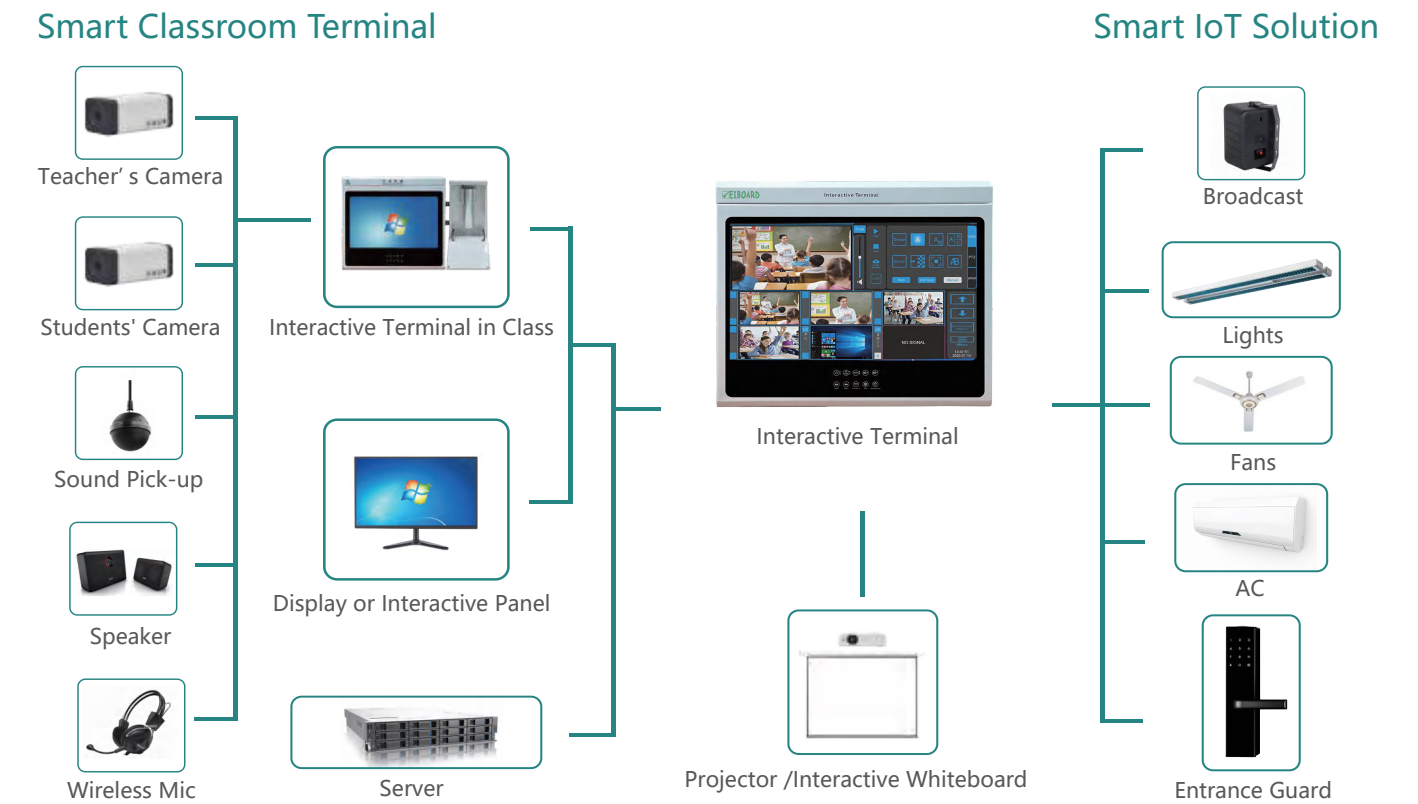
•• Applications ••

Interactive Terminal
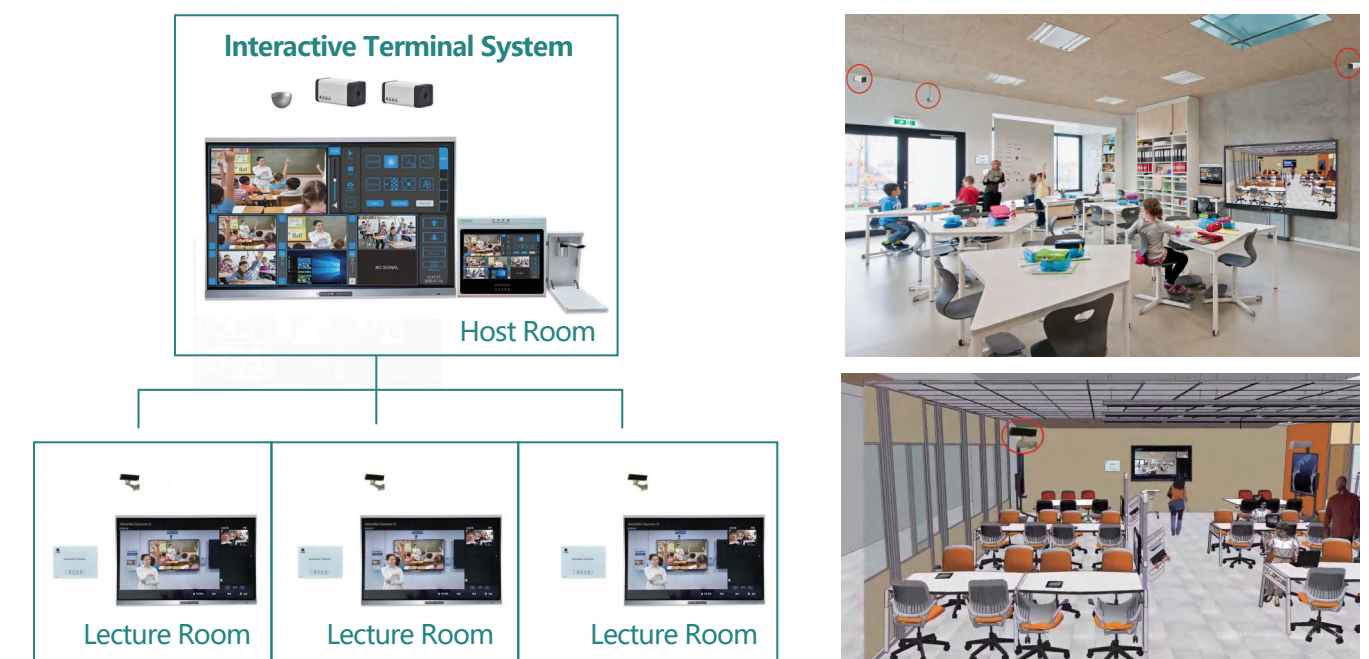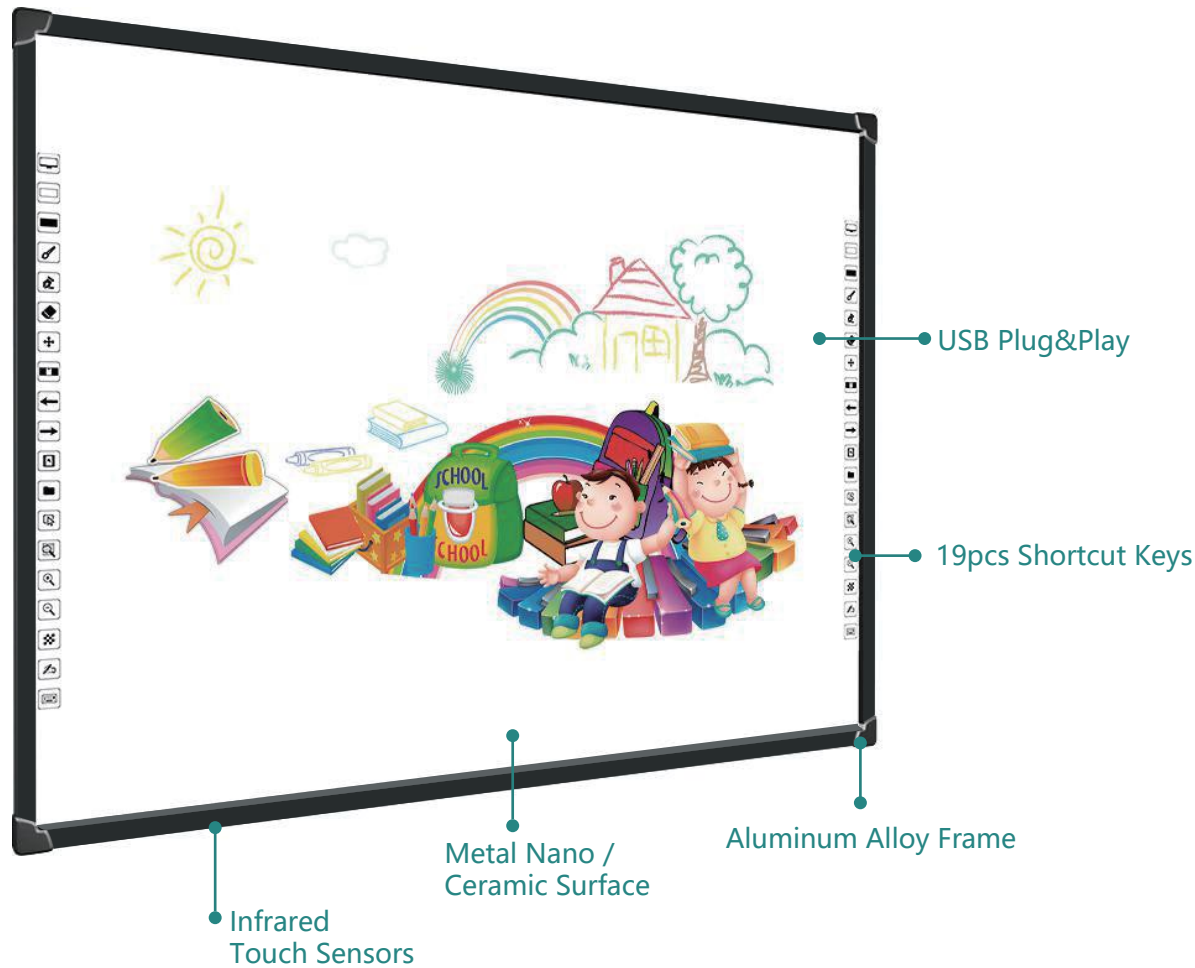

•• Product Features ••

- Highly Integrated
- Modular Design
- Intelligent Storage
- Live Recording System
- Live Interactive System
- Smart IoT
- Tracking AI HD Camera
- Voice Pick-up
- Hidden & Foldable Visualizer

•• Smart Classroom with IoT ••

Smart Classroom Terminal

- Teacher's Camera
- Students' Camera
- Sound Pick-up
- Speaker
- Wireless Mic
- Interactive Terminal in Class
- Display or Interactive Panel
- Server

Interactive Terminal

Projector /Interactive Whiteboard

Smart IoT Solution

- Broadcast
- Lights
- Fans
- AC
- Entrance Guard

•• System Map & Applications ••

Interactive Terminal System

Host Room

Lecture Room | Lecture Room | Lecture Room

Interactive Whiteboard

USB Plug&Play

19pcs Shortcut Keys

Aluminum Alloy Frame

Metal Nano / Ceramic Surface

Infrared Touch Sensors

•• Detail Specifications ••

	Technology	Infrared technology
Specifications	Input Writing by	Pen,finger,or any opaque objects
	Multi Touch	20 points touch
	Resolution	32768*32768 pixels
	Response Time	<6ms
	Cursor Speed	200/ms
	Accuracy	0.05mm
	Material	Metal-Nano/ceramic surface and aluminum alloy frames
Power	Power Supply	USB
	Power Consumption	≤1W
OS	Operation System	Support Windows,Android,Mac,Linux
Accessories	USB cable 5m*1 ; Touch pen*2 ; Wall brackets*1 set	

•• Product Dimension ••

Model No.	Product Size(mm)	Active size(mm)	Packing Size (mm)	Aspect Ratio	Weight(N.W./G.W.)
FC-82IR	1750*1250*35	1680*1190	1840*1340*65	4:3	17kgs/23kgs
FC-96IR	2120*1190*35	2050*1120	2210*1280*65	16:9	23kgs/27kgs
FC-105IR	2340*1302*35	2190*1233	2490*1410*65	16:9	29kgs/34kgs
Other Sizes	Any size of 50"~140" can be customized.				

•• Product Features ••

Multi-touch

Fast Response

IR Touch Technology

Water-proof & Dust-proof

USB Power Supply

Teaching Software Included

Easy Operation

Easy Installation

OEM/ODM/SKD Supported

•• Applications ••

Multimedia All-in-One PC Series

FC-7000

FC-4000

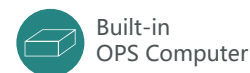**FC-7000B**

•• Product Features ••

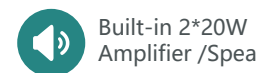- Highly Integrated Structure
- Pluggable Modular Design
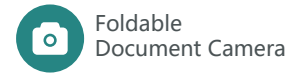- Lockable All-in-One Design
- Built-in OPS Computer
- Smart Central Controller
- Built-in 2*20W Amplifier /Speakers
- Built-in Keyboard
- Foldable Document Camera
- OEM/ODM/SKD Supported

•• Detail Specifications ••

Model		FC-4000	FC-7000	FC-7000B
Appearance Structure	Dimension	1280*290*80mm	680*335*105mm	
	Control Panel	Acrylic touch panel	10.1 Inch Capacitive touch screen	Acrylic touch panel
	Interface	RJ45, HDMI*≥3pcs ,RS232,USB≥6,AV-in/out etc..		
OPS PC (Optional)	CPU	Intel core (i3/i5/i7 for Optional)		
	Storage	RAM 4G/8G/16G/32G,Hard Disk128G/256G/512G/1TB as option		
	Systems	Pre-install Windows10/11 pro		
Electric Property	Power	100~240V (AC),190W		
Other Functions	Remote	2.4G+ all-in-one remote with microphone as option		
	Visualizer	CMOS ,5M Pixels	CCD/CMOS camera,5M pixels	
	Speakers	Built-in 2*20W passive speaker	Built-in 2*20W digital power amplifier	
	Keyboard with Mouse Pad	64 keys wired USB keyboard		
Accessories		Power cable*2 ; RS232*1; Instruction manual*1, 2.4G+ Remote as option		

•• Product Dimension ••

Model No.	Product Dimension	Packing Dimension	Weight (N.G./G.W)
FC-4000	1280*290*80mm	1410*320*110mm	15.5 KGS/17 KGS
FC-7000	680*335*105mm	810*365*160mm	12 KGS/15 KGS
FC-7000B	680*335*105mm	810*365*160mm	12 KGS/15 KGS

•• Applications ••