Future Class, IQ Class



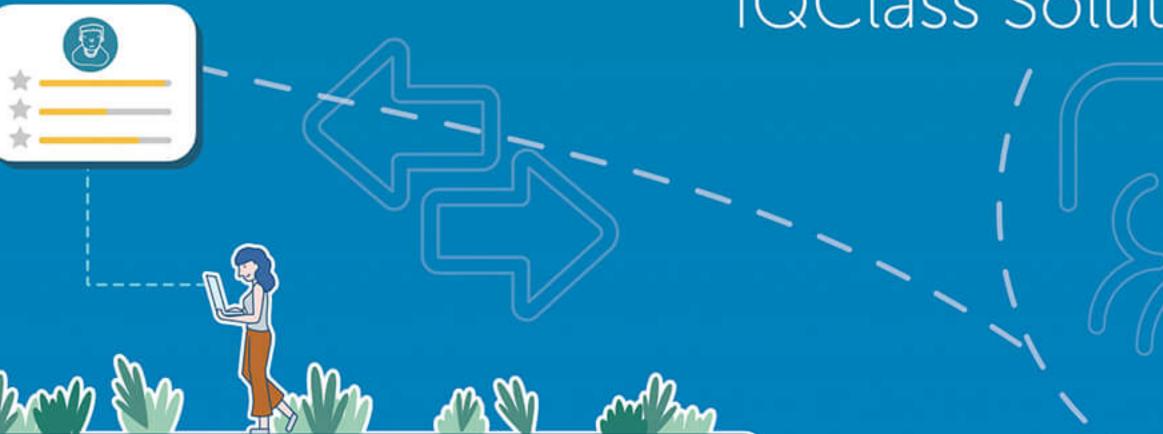






IQClass Solution

IQEducation



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STOCK CODE



Returnstar Interactive Technology Group Co., Ltd, with IQ as main brand, has been dedicated into educational industry since 2006.

So far IQ products have received wide acknowledgement from both domestic and international market. Internally our products are used by teachers and students of over 60,000 schools in 90% of provinces and municipalities of China. Globally we have been selling to more than 100 countries and regions with exclusive distributors in Europe, Africa and West Asia. IQ has provided smart teaching solutions for over 1,000,000 classrooms across the world.

With the aim to create more collaborative and inspiring classroom environment, also to offer cost-effective and environmentally-friendly campus management solutions to educators, IQ has launched two major solutions - IQClass Solution and IQSchool Solution.

IQClass Solution mainly focuses on facilitating teaching and learning with educational hardware and software. Our goal is to make class more interactive and effective.

With various educational hardware entering classroom, modern campuses are in need of better utilization of the technology - this is where our IQSchool solution comes into play. We believe IQSchool solution will be an indispensable part of modern digital school and smart city as well.

Relying on IQClass and IQSchool solutions, mission of Returnstar is to transform education with technology. Our ultimate goal is not to just sell educational hardware or software, but to provide bespoke education solutions for schools based on their specific demands and budget.

Along this road, we would like to develop long term partnership with you, and grow up together.



Why IQClass for your classroom

As traditional in-class teaching is lack of collaboration and relies much more on the lecturer rather than students, schools are seeking to evolve teaching method to create a dynamic learning environment in the classroom. With the same purpose, IQ aims to supply the overall classroom solution that integrates high-end interactive technology to activate in-class collaboration while also developing the skills of communication, understanding and problem solving. IQ always believes technology could change the education and its solutions have benefited schools around the world.





What IQClass Offers	01
One-stop solution of IQClass	
1. Interactive Flat Panel System	02
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4. IQAudio Wireless Microphone System	
5. IQVideo Lecture Capture System	05
6. IQClick Interactive Response System	07

Product Specifications

IQTouch

IQTouch J Series IQTouch C Pro Series



IQAiO





IQOne IQOne S Series

IQProjector



IQBoard

IQBoard DVT IQBoard IR IQBoard MRQ Plus **IQBoard PCT**



IQShare



IQView

IQView E3513 IQView E6510 IQView E3511 / E3511 Plus IQView Micro-lecture Making Software



IQAudio

IQAudio Wireless Mic System **IQSoundBox**





IQ Software

IQClass Software IQClass Plus Software IQ Interactive Education Platform Software

What IQClass Offers

Interactive education hardware and software to facilitate teaching and learning in modern classrooms.

Flipped Classroom

Before class, teachers can use IQ document camera and its software to make micro-lectures and send to students for preview.



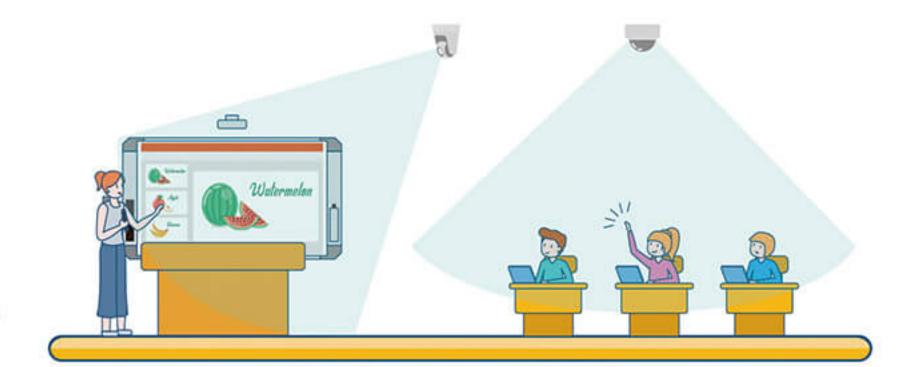


BYOD Classroom

Whether it's laptop, tablet or mobile phone, students' personal device can find its place in the active learning environment IQ creates with its software. Course materials can be displayed in the interactive whiteboard or interactive flat panel with various presentation styles that the hardware could achieve.

Classroom with Lecture Capture

With HD camera and sound pick-up, the teacher's lecture can be recorded as videos and provided to students for later playback. Lecture capture technology has enabled students to engage in a more active learning atmosphere.



IQClass has everything you need to teach, collaborate, share and evaluate in classrooms. Designed to meet different needs, IQClass has multiple systems available so you could find out the best option for your classroom.



1. Interactive Flat Panel System



3. Multimedia Teaching System



5. IQVideo Lecture Capture System



2. All-in-One System



IQAudio Wireless Microphone System

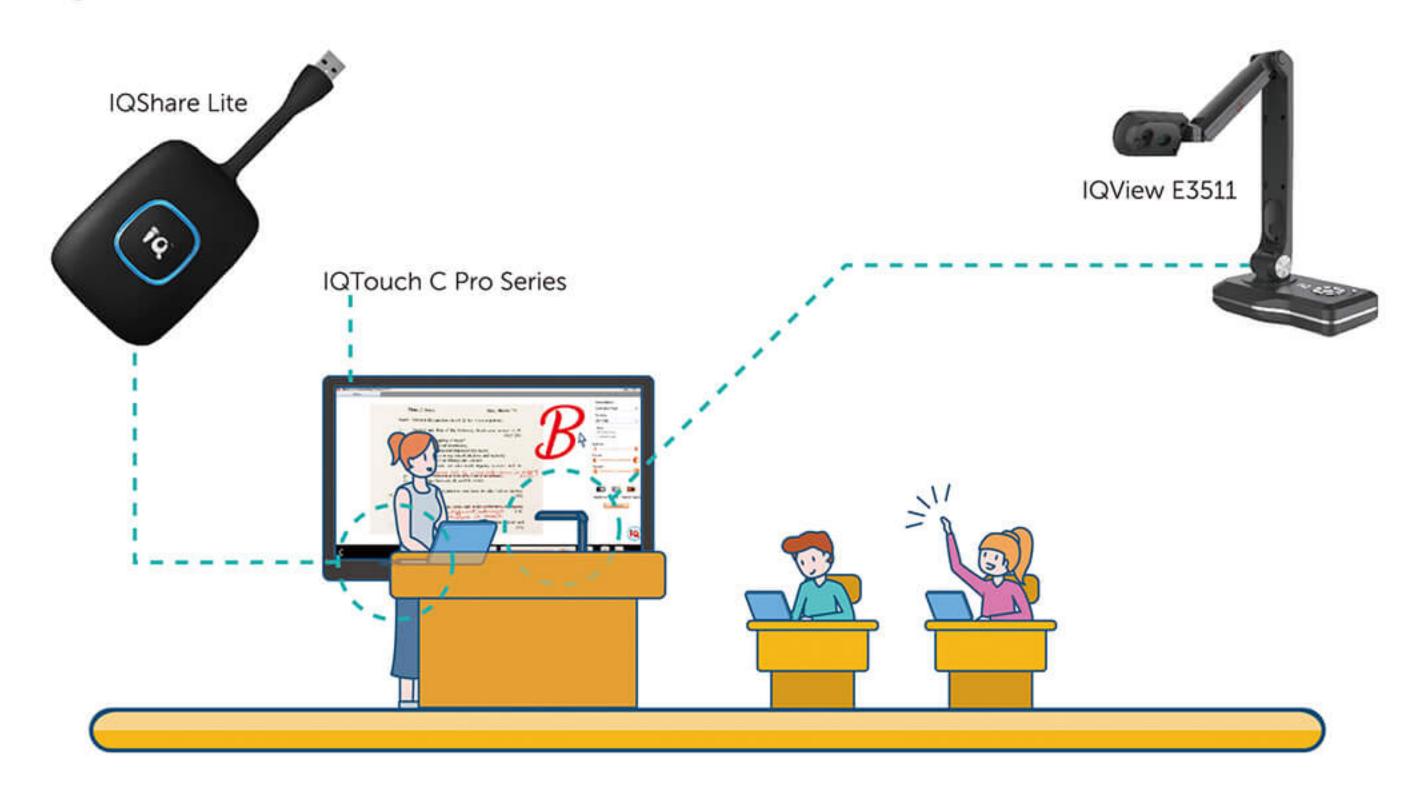


6. IQClick Interactive Response System

1. Interactive Flat Panel System

Highly-integrated IQTouch creates a collaborative and interactive atmosphere in the classroom. Only one step to teach, present, collaborate and share ideas by casting the devices wirelessly. Bundle with IQ Interactive Education Platform software to extend teaching beyond the classroom.

Key Products



Recommended Products

HARDWARE





SOFTWARE



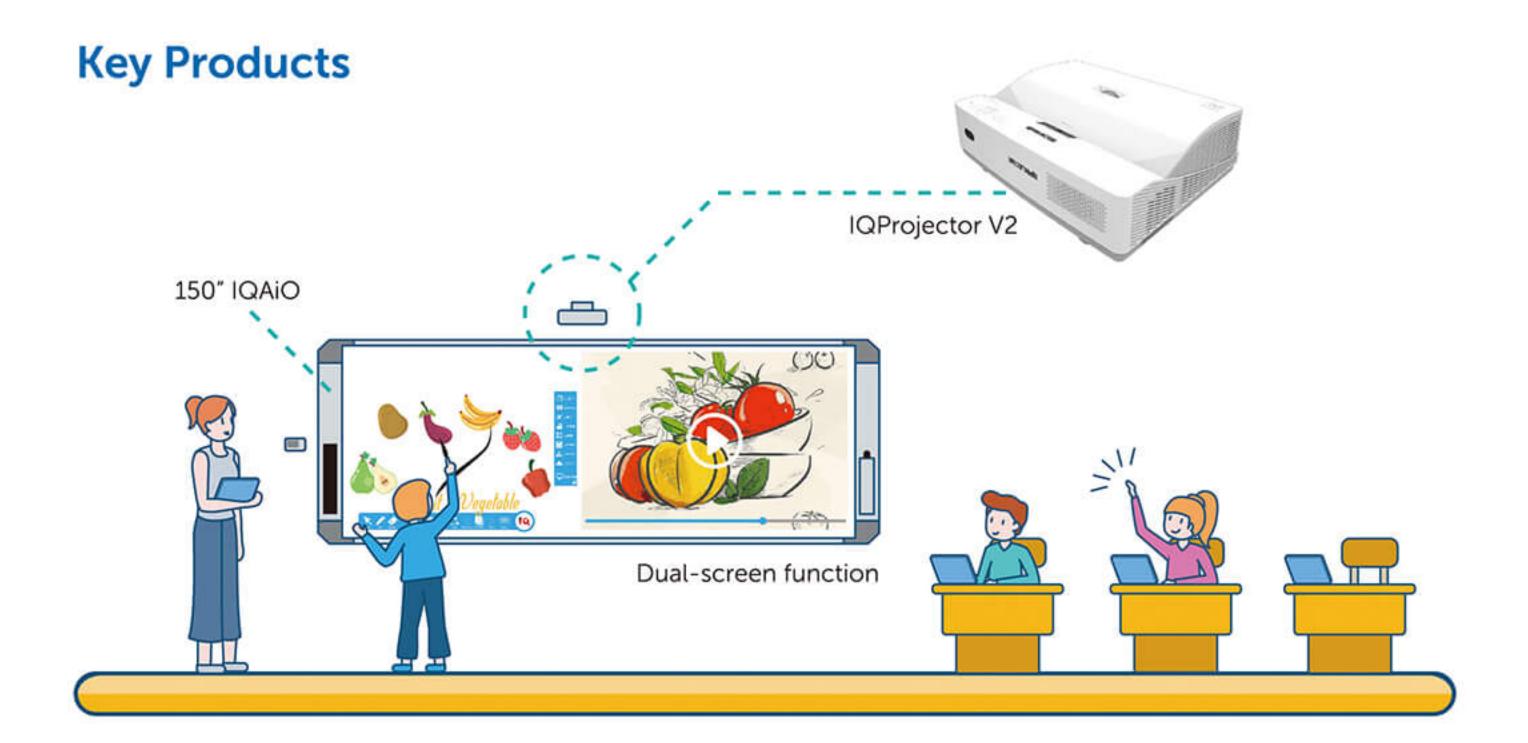


Features

- Plug IQShare Lite in teacher's laptop and just one click can broadcast the files to the IQTouch C Pro wirelessly.
- Teachers can present 3D objects, experiment on screen by using IQView.
- Clear display, lively presentation and flexible classroom.

2. All-in-One System

Specially designed for smart classroom dual-screen interaction, IQAiO is an innovative product combined with advanced IWB technology and up-to-date pedagogy. The solution only requires a 150" IQAiO interactive whiteboard system and IQProjector V2 ultra short throw laser projector.



Recommended Products

HARDWARE

SOFTWARE







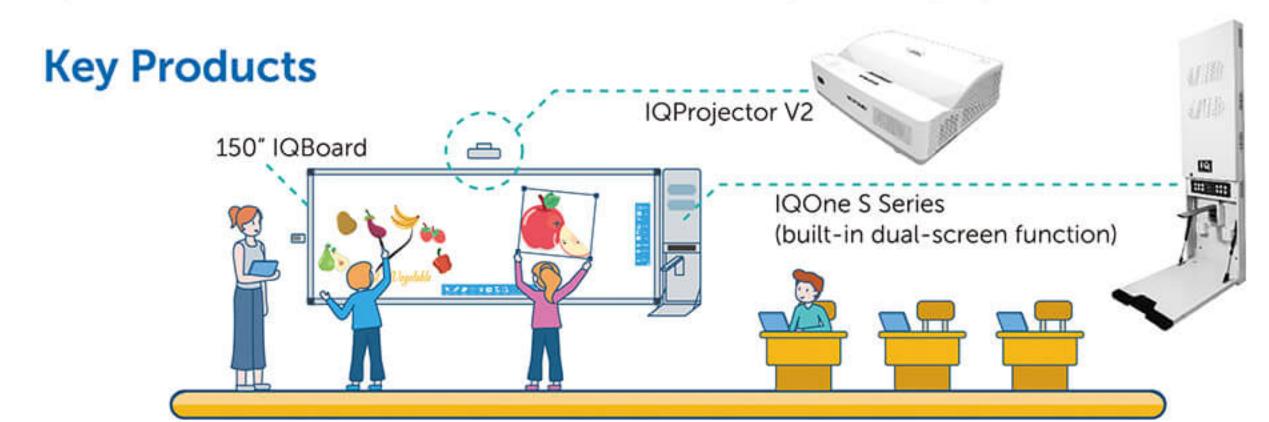
Features

- With dual-screen function teachers can have a more flexible class. Freely switch between projection and whiteboard pen writing, making full use of 150-inch large space.
- · Highly integrated with multiple functions, one-button control in the central control panel.



3. Multimedia Teaching System

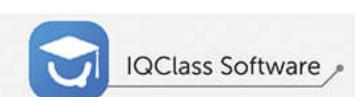
Versatile combination with interactive whiteboard allows up to 150 inches screen for presentation. Smooth writing experience and 32 touch collaboration enhances an interactive experience in groups.



Recommended Products

HARDWARE



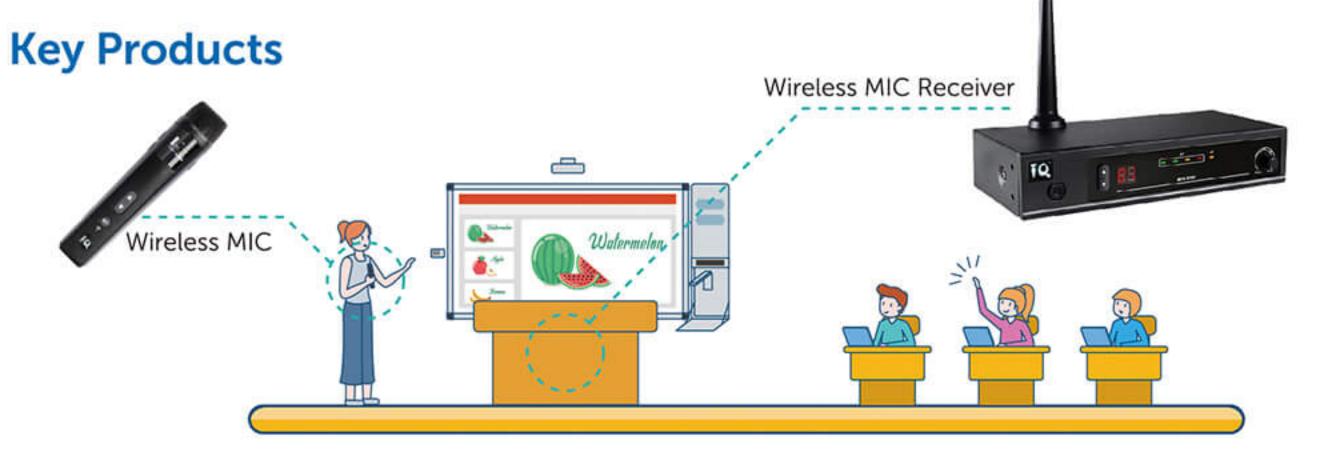






4. IQAudio Wireless Microphone System

IQAudio Wireless Microphone System is a useful system applied in the classroom that teachers could enjoy good interactive experience with students. The system delivers clear and smooth sound with anti-interference. It also fits teachers in daily teaching like turning PPT pages and using as an infrared pointers.



Recommended Products

HARDWARE





SOFTWARE







5. IQVideo Lecture Capture System

Integrated with auto-tracking, AV encoding & decoding, multi-media and network, IQVideo could make auto HD recording in class, live broadcast, and courseware editing. Moreover, with audio processor to reduce noise and echo, mutual audio communication becomes effective during collaborative teaching between different classrooms.

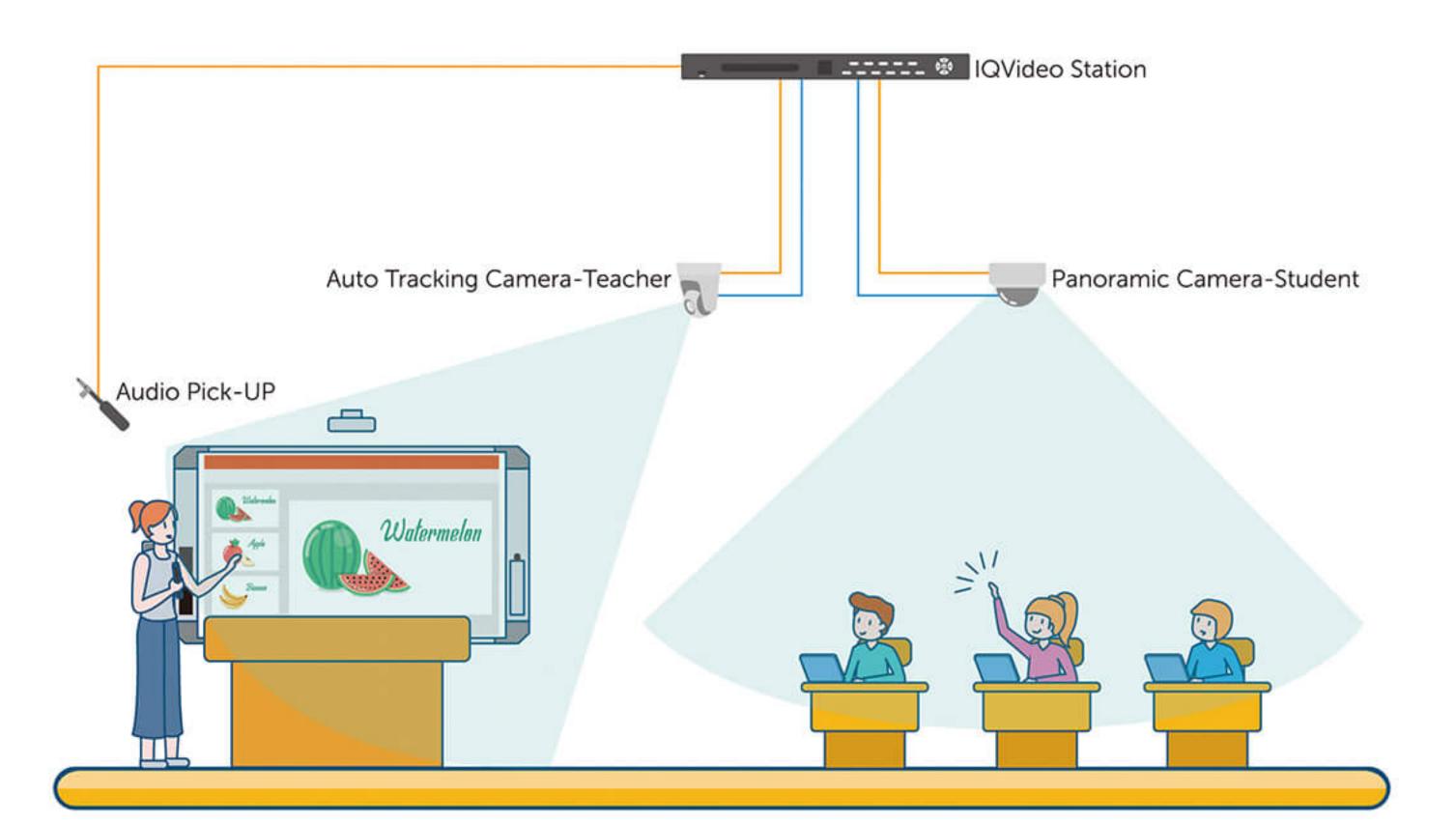
Application

Live broadcast and record & broadcast

For a classroom, IQVideo connected with PC and screen makes a real-time presentation that could be recorded for broadcast.

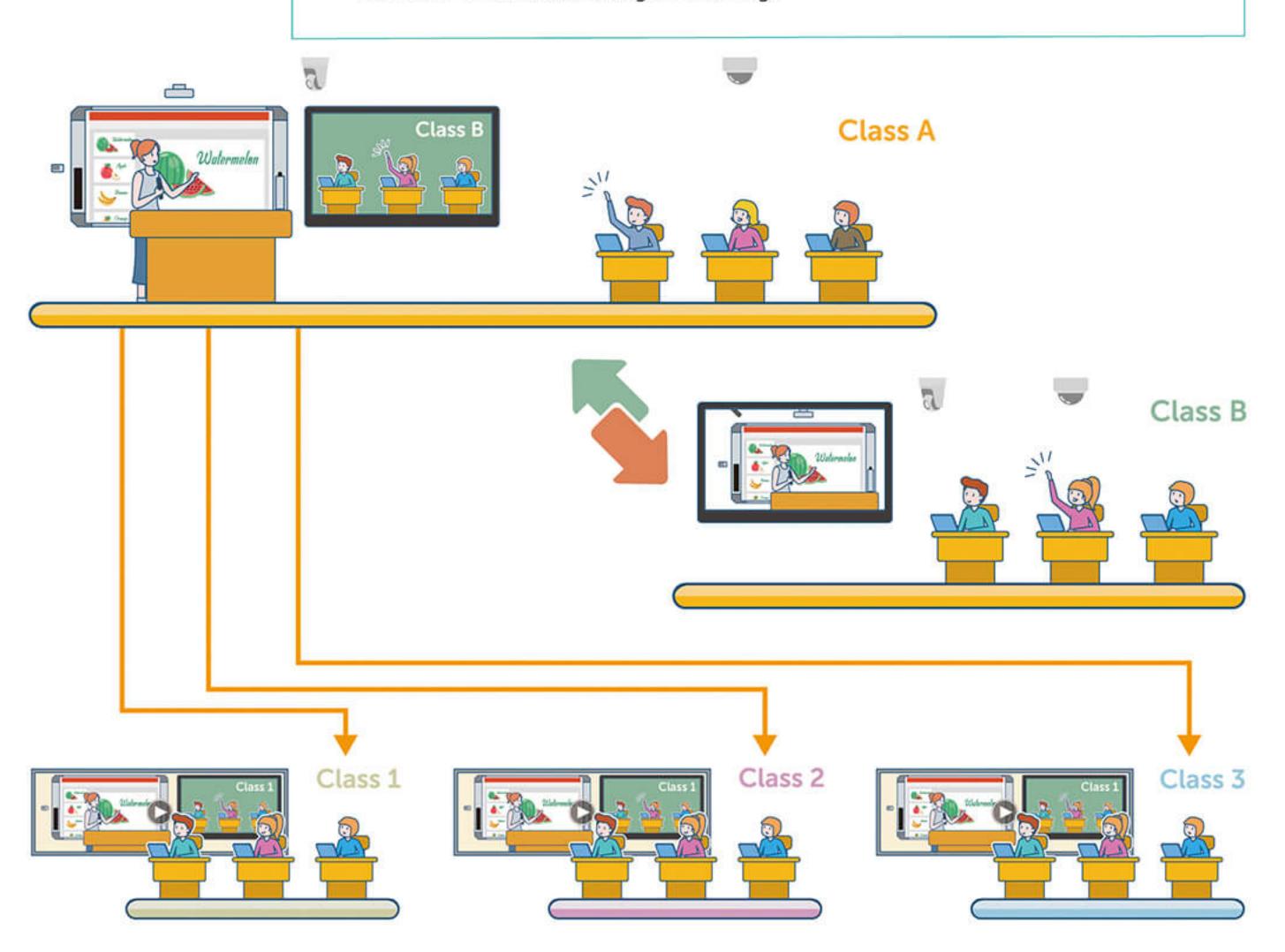
----- SDI Cable

— Network Cable



Interactive teaching

For interactive teaching between multiple classrooms, students could watch real-time teaching video smoothly with IQVideo. Moreover, with audio processor, the dialogue and voice could be heard clearly. All the teaching video could be recorded for further learning and sharing.



Key Products

Auto Tracking Camera -Teacher



Panoramic Camera -Student



Video Station



Recommended Products

HARDWARE



SOFTWARE



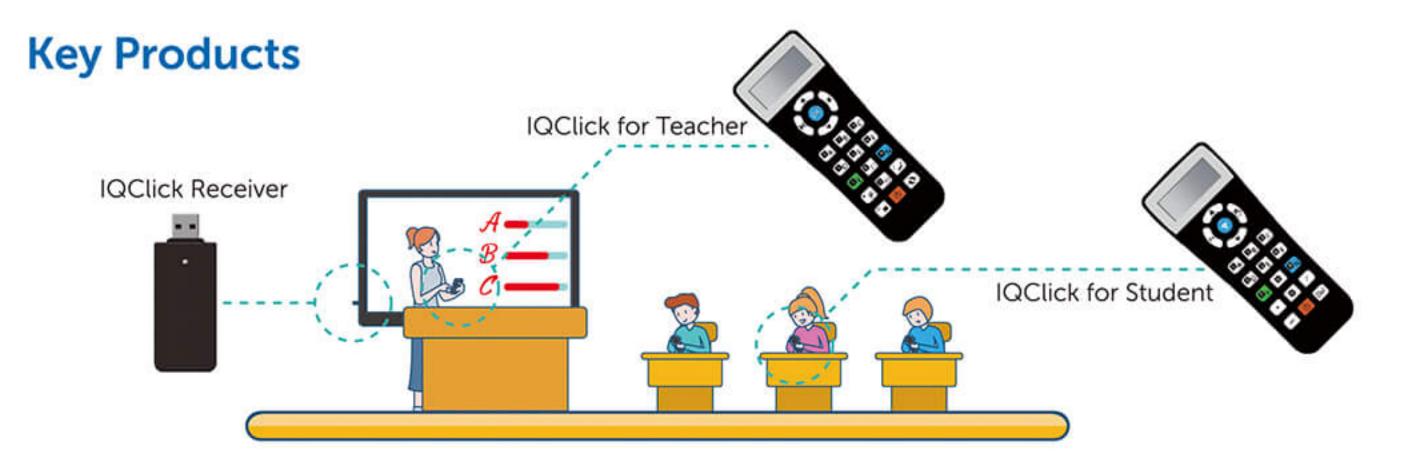






6. IQClick Interactive Response System

IQClick interactive response system is to collect feedbacks from listeners with instant quiz or test in classrooms or offices and make statistics on the results. It could facilitate communication between speakers and listeners to help create an active atmosphere.



Recommended Products







SOFTWARE



Features

- Make classroom collaboration with the IQClick and create similar test scenario for students.
- Timely feedbacks from students for teachers to follow up the learning results and supply guidance.
- Make statistics or analysis on the test results that could be valuable information for teachers to adjust the teaching points.
- RF 2.4G technology for wireless transmission so that IQClick isn't subjected to the space and direction in the classroom.
- Allow students to reply at the same time and ensure no delay in transmission.

Specifications

Model	IQClick	
Overall Dimension (mm)	100*49*22	
Standard Configuration	1 Receiver; 1 Teacher Clicker; 24/32/64 Student Clickers (up to 189)	
Operating Systems	Windows XP/2003/Vista/7/8/10	
Communication	Wirelessly with the IQClick Receiver 2.4G inserted in computer USB port	
Range	360 degrees (100m with free space)	
Power Supply	2xAAA batteries	
Bundled Software	IQ Interactive Education Platform Software	
Question Types	MCQ (Single/Multiple answers), True/False, Blank Filling, Vote	
Response Modes	Testing Response, Preemptive Response, Elimination, Appointed Response,	
	Random Response, Vote, Transient Quiz, Oral Response, Auto Roll-call	
Warranty	One year	





1. IQTouch J Series



IQTouch J Series is an interactive flat panel with easy operation and maintenance. Its high definition screen and fast positioning response speed provide an excellent experience for users.



Modular Plug-in Box can be taken off independently



Front Detachable IR Frame Design

Features



10-point touch for collaborative interactivity

connection ports



Plug-n-play multi-media devices by rich

4K UHD crystal-clear image display



Built-in Android and annotations capability



Easily detachable **OPS** module



Button-lock function to avoid maloperation



Built-in front-facing 2*10w Loudspeakers

Model	LE065MD	LE075MD	
Diagonal Size	65"	75"	
Resolution (pixels)	UHD 3840*2160	UHD 3840*2160	
	POSTAL HORSE MATERIAL AND STREET AND STREET		
Pixels Dot Distance (mm)	0.74*0.74	0.43* 0.43	
Front Ports	PC-US		
Input Ports	HDMI*2, VGA*1, AUDIO*1, TF*1, Android _USB3.0*2, Android_USB2.0*1, TOUCH_USB*1, RS232*1, RJ45(WAN IN) *1		
Output Ports	VGA*1, EARPHONE*1, SPDIF*1		
Net Weight	52.3Kg±1.5Kg 66Kg±1.5Kg		
Gross Weight	63Kg±1.5Kg	81Kg±1.5Kg	
Product Size (W*D*H) (mm)	1521.8*943.1*94	1743.8*1069.3*98.2	
Packing Size (W*D*H) (mm)	1700*1120*240	1900*1220*250	
VESA Hole Position (mm)	4-M8 screw hole 400*400	4-M8 screw hole 600*400	
LED Light Source	Backlight		
Brightness (typ)/(min)	400cd/m2		
Contrast Ratio (typ)/(min)	5000:1		
Response Rate (typ)/(min)	5ms(typ.)		
Backlight Life Time (typ)/(min)	50,000hrs (min.)		
Depth of Color	8bit		
Built-in Loudspeakers	10W * 2		
Android System	Android 5.0, Cortex A53 CPU, Mali-450MP4 GPU, 2G RAM, 4GROM		
OPS (Optional)	i3/i5/i7, 4G/8G, 500G/1T(optional)		
Interactivity	IR 10 points		



2. IQTouch C Pro Series



IQTouch C Pro Series will create a collaborative and interactive atmosphere in the workplaces, where teammates could work together by casting their devices wirelessly. Except for the easy annotation and crystal clear presentation, it also supports video conference helping you collaborate and share smarter and thus boost the teamwork outcome.

Features



10-point touch and 4K UHD Display



Plug-n-play multimedia devices for fast presentation with rich ports





Support group video conference with an external camera that's free of driver



Free annotation on the desktop or any third-party application



Detachable IR frame and black screen design for better maintenance

Specifications

Model		LE065MD	LE075MD	LE086MD	LE098MD
Diagonal Siz	е	65" 75" 86" 98"		98"	
Resolution (pixels)	3840*2160 3840*2160 3840*2160 3840*2160			3840*2160
Depth of Co	lor	10bit	10bit	10bit	10bit
Front Ports		HDMI*1, MEDIA-USB*1, PC-USB*1, TOUCH-USB*1, TV-MIC*1			
Input Ports		HDMI*3, VGA*1, AUDIO	O*1, YPbPr*1, AV*1, MEDIA	A-USB*2, TOUCH-USB*1,	LAN*1, DP*1, RS232*
Output Ports	S	OPTICA	L*1, LAN*1, AUDIO(EARPH	HONE)*1, SPEAK_L*1, SPE	AK_R*1
Net Weight		50.5Kg±1Kg	62.5Kg <u>+</u> 1Kg	84Kg <u>+</u> 1Kg	132Kg±1Kg
Gross Weigh	t	59Kg <u>+</u> 1Kg	82Kg±1Kg	102.5Kg±1Kg	181Kg±1Kg
Product Size	(W*D*H) (mm)	1522.3*931.3*87.6	1764*1050.5*99.2	1989*1194.2*116.6	2245.8*1334.8*11
Packing Size	(W*D*H) (mm)	1660*1090*280	1950*290*1270	2190*1400*330	2517*1670*500
	CPU	ARM Cortex A53/1.2GHz/Quad-core			
Android	RAM/ROM	2GB DDR3/8G			
	Version	Android 5.1.1			
LED Light Source Backlight					
Aspect Ratio)	16:9			
Contrast Rat	io (typ)/(min)	5000:1			
Response Ra	ite (typ)/(min)		5m	ns	
Viewing Ang	el	178°			
Built-in Loud	dspeakers	10W*2			
OPS (Option	al)	13/i5/i7, 4G/8G, 500G/1T			
	Resolution	32768*32768			
Interactivity	Touch Points	10			
	Scanning Speed	95~105fps			
Optional Acc	cessories	Wireles	s Keyboard and Mouse, M	Mobile Stand, Telescopic I	Pointer

IQShare Lite

No cables, no set-up, no waiting to join in to share and display the laptop screen to IQTouch C Pro screen instantly.



Features



IQShare Lite supports everyone to share ideas and cast the laptop screen on the big screen instantly with a button click.



With up to 10 points touch to do interaction on IQTouch C Pro.



IQShare Lite with USB-powered button and app for Windows and Mac OS avoids additional



No need to download and set up any software, just execute the file and start to share.

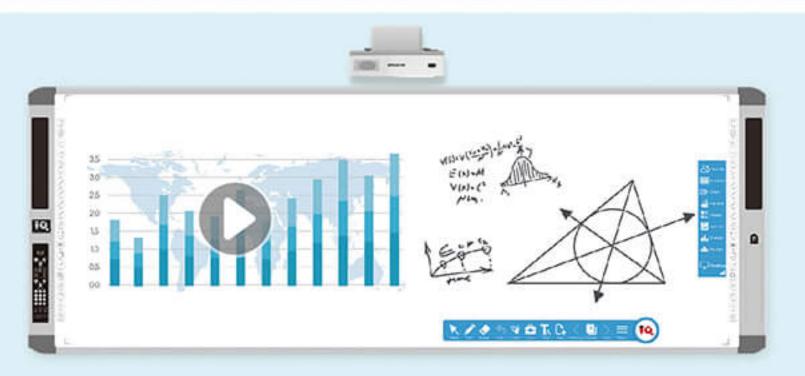


Up to ten computers can be connected at the same time with one button projection.

Specifications	
INTERFACE	
USB2.0	1
POWER	
Power Consumption	2.5W
Transmitter Power	16mW
PHYSICAL SPECIFICATIONS	
Dimensions (L*H*W) (mm)	61*157*17
Net Weight	71g
FUNCTION	
Operating Systems	Windows 7/8/8.1/10, OSX 10.9/10.10/10.11
	15-20fps
	Windows 7/8/10 1366x768 @ 15-20fps
Frame Rate	Windows 7/8/10 1920x1080 @ 15-20fps
	Mac-Bit rate (600KB) @ 25fps
	Mac-Bit rate (300KB) @ 20fps



IQ AiO is highly integrated with center control system, computer, IWB, document camera and audio amplifier, forming a perfect multi-media classroom solution together with a projector. Moreover, this system solves complicated devices connection and saves much time for classroom devices management before teaching. High-strength honeycomb structure of IWB, and branded PC greatly improve its performance &future maintenance.



150-inch IQAiO built-in

dual-screen system, with an IQProjector V2 laser projector to achieve multi-screen teaching, and no longer need to operate two projectors at the same time.

Dual board interaction (A&B)

Dual board extension (A+B)

Dual board sync

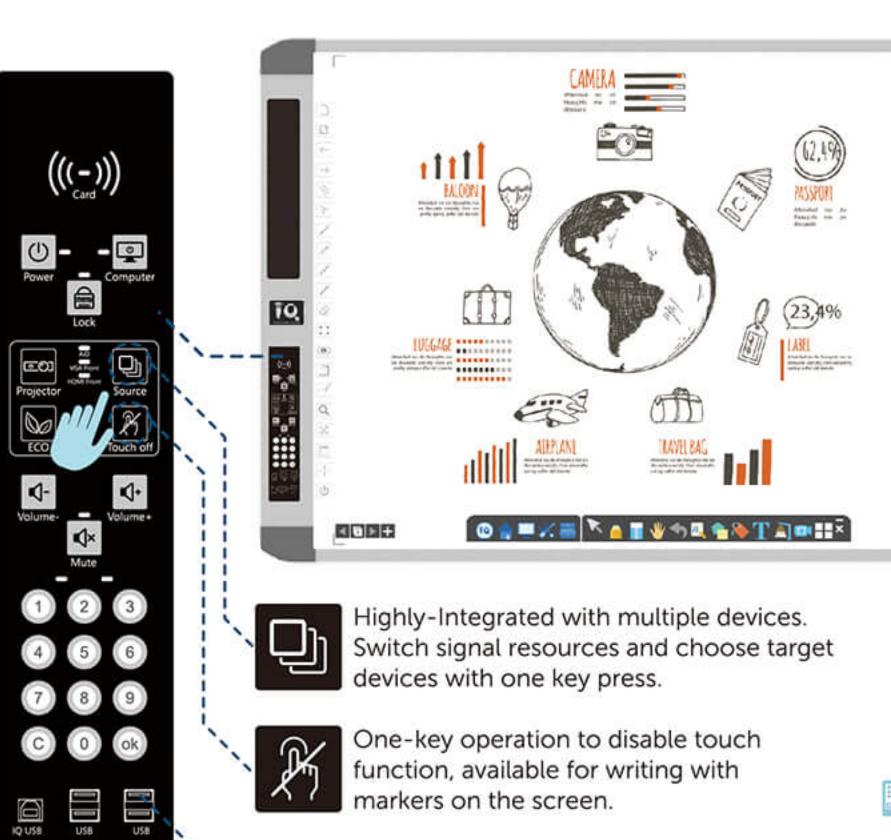
Single board

Single board









- High-power speaker for Hi-Fi sound.



Front detachable design of document camera and central control system, easy for upgrade and maintenance.



Intelligent USB interface to connect external PC for more interaction.

Rich interfaces of VGA, USB, Audio, Video, Wireless MIC and AC.

Aspect Ratio 4:3 Built-in Industrial Computer i3/i5 Dual Core Processor, 4G RAM, 500G HD with Graphics Card, Gigabite Ethernet **External Interfaces** USB 2.0*4, External PC USB input*1, Audio 3.5 mm input*1, VGA*1, HDMI*1

Active Projection Size (mm) 1632*1224 (80")

Back Interfaces Audio 3.5mm output*1, VGA output*1, HDMI output*1, RS232*1, AC 220V input*1, AC 220V output*2 Bilateral cavity symmetry structure; Aero-aluminum frame with no painting and no magnetic interference. Appearance Surface POLYVISION e3 Porcelain surface. Support marker writing. Anti-scraping and corrosion. Life-time warranty.

2308*1302*76

2045*1234 (94")

1958*1224 (90")

16:10

3602*1302*76

3339*1234 (140")

3224*1216 (137")

Audio Frequency 2*25 W

Wireless Mouse and Keyboard Ultra-thin fashionable wireless 2.4G suite **Power Supply** AC 220V±10% 50 HZ, Load capacity 220V 5A.

IQAiO GR511-17

1981*1302*76

1719*1234 (83")

91"

Optional PC, document camera, Wireless MIC

INTERACTIVE WHITEBOARD

Specifications

Overall Size (mm)

IWB Size (mm)

Model

Size

Technology	Infrared Technology
Touch Points	10/16
Writing Tool	By pen or any opaque object.
Resolution	32768*32768
Response Speed	8 m/s
Position Accuracy	0.05 mm
Interface	USB 2.0 and above
Backboard Material	Anti-glare and durable surface with aluminum honeycomb material inside; Support pen writing

DOCUMENT CAMERA

A4
CMOS Prime Lens
Yes
≤30 fps
5 Mega Pixels, 8 Mega Pixels
2592*1944(max) , 3264*2448(max)
1W LED light source compensation
USB 2.0
Powered by USB Port without external power supply
Windows XP/2003/VISTA/7/8/10 without driver

CENTRAL CONTROL PANEL

RFID Card	Power on by RFID card
Indicators	Power on/off, PC on/off, one key locking, mute, signal source(mother board, front-VGA, front-HDMI,number keys and other indicators showing working status to avoid maloperation
Digital Control	Number keys to control power and other functions
Panel Keys	PC on/off, projector on/off & power-saving mode,3 kinds of AV signal switch, lock button, display black screen control, volume adjust & mute

WIRFLESS MIC

WINCELLOS MIC	
Frequency Range 2.4G (Automatic Frequency-matched, support 100 classrooms using at the same time without distur	
Buttons	Power Switch, Laser, Volume, Mute and others
Working Range	15M(without barrier)
Continual Working Ho	urs 8 to 12 hours(built-in lithium battery, rechargeable, energy-saving & healthy)

ALIDIO/IN VGA HDMI





1. IQOne S Series

IQOne S series has brand new design that is more compact and simple. It is a combination of central control, PC, document camera and audio amplifier. Together with IWB and projector, they create a perfect audio & visual presentation system.

Features



IQOne optional built-in dual-screen system, with an IQProjector V2 laser projector and 150-inch IQBoard interactive whiteboard to achieve multi-screen teaching and no need to operate two projectors at the same time.



High-power speaker for Hi-Fi sound.





Convenient operation such as power on/off and choosing input source with the touch panel.

Professional modular design to connect built-in OPS, mainboard and other parts by faller gill. The performance is stable and easy to upgrade and maintenance.



Bundle with IQ Interactive Education Platform software to make full use of built-in document camera. Make one step audio & visual presentation available.

Specifications

Model	IQOne A511	
Control Panel	Capacitive touch panel to control power and switch input source.	
Audio Frequency	2*25W	
Center Panel Ports	USB3.0*2, USB2.0*4, VGA Input*2, Smart USB*1, 3.5mm Audio input*1, 3.5mm Audio output*1,	
Center Pariet Ports	RJ45 Network *1, HDMI Input *1	
Ports	USB2.0*2, VGA Output*1, HDMI Input *1, HDMI Output *1, 3.5mm Audio Output* 1, RS232 *1,	
Ports	Power of projector*1, Total power access*1	
Dimensions (mm)	1220*350*81	
Mouse & Keyboard	Ultra-thin fashion wireless 2.4G suite	
Power Supply	AC110V-240V, 50HZ/60HZ, Load capacity 220V 5A	
Optional Components	PC, Document Camera, Wireless Wi-Fi, External speakers, etc.	

OPS

CPU	Intel i5; Quad-core processer
Memory	4G
Hard Disk	500G
Integrated graphics c	ard, gigabit network card

DOCUMENT CAMERA

Scanning Area	A4
Camera Lens	CMOS (digital zoom)
Frame Rate	≤30fps (VGA)
Pixels	AF800 Mega Pixels (3264*2448)
Light Source and Control	Built-in capacitive touch button and 3-level LED dimming
Ports	USB2.0
System Support	Windows XP/2003/VISTA/7/8/8.1/10 without driver

WIRELESS PA SYSTEM

Frequency Band	2.4G, Automatic frequency, 100 classrooms can use at the same time without interference
Function Buttons	Power on/off, laser button, charge port, MIC / pc volume control key, MIC and external audio mute button, PPT turn page / track control key (no need to run other auxiliary software), music player, pause button
Available Range	15m
Working Hours	8~12 hours, built-in lithium battery, rechargeable and environment friendly.

WIRELESS ROUTER

Working Frequency	2.4G, External omnidirectional antenna, Length≥10cm
Wireless Standard	IEEE 802.11g, IEEE 802.11b

2. IQOne GL Series

IQOne GL series is highly integrated with central control, PC, document camera, audio amplifier, wireless mic and PPT turn pages. Together with IWB and projector, it creates a perfect audio & visual presentation system.



Specifications

Model	IQOne A511
Control Panel	Capacitive touch panel to control power and switch input source.
Audio Frequency	2*25W
Center Panel Ports	USB2.0*4, HDMI*1, VGA Input*1, 3.5mm Audio Output*1
Ports	USB3.0*2, USB2.0*4, VGA Output*1, HDMI Output *1, 3.5mm Audio Output* 1,
Ports	3.5mm Audio Input* 1, RS232 *1, Power *1
Dimensions (mm)	1220*260*80
Packing Dimensions (mm)	1340*350*155
Mouse & Keyboard	Ultra-thin fashion wireless 2.4G suite
Power Supply	AC110V-240V, 50HZ/60HZ, Load capacity 220V 5A
Optional Components	PC, Document Camera(8Mega), Wireless Wi-Fi, External speakers, etc.

OPS

CPU	Intel i5; Quad-core processer
Memory	4G
Hard Disk	500G
Integrated graphics ca	rd, gigabit network card

DOCUMENT CAMERA

Scanning Area	A4		
Camera Lens	CMOS (digital zoom)		
Frame Rate	≤30fps (VGA)		
Pixels	AF500 Mega Pixels(2592*1944)		
Light Source and Control	Built-in capacitive touch button and 3-level LED dimming		
Ports	USB2.0		
System Support	Windows XP/2003/VISTA/7/8/8.1/10 without driver		

WIRELESS PA SYSTEM

Frequency Band	2.4G, Automatic frequency, 100 classrooms can use at the same time without interference
Function Buttons	Power on/off, laser button, charge port, MIC / pc volume control key, MIC and external audio mute button, PPT turn page / track control key (no need to run other auxiliary software), music player, pause button
Available Range	15m
Working Hours	8~12 hours, built-in lithium battery, rechargeable and environment friendly.

WIRELESS ROUTER (OPTIONAL)

Working Frequency	2.4G, External omnidirectional antenna, Length≥10cm	
Wireless Standard	IEEE 802.11g, IEEE 802.11b	





Features



Laser light ensures more than 25,000H lifetime

25,000H long-lasting laser light lifetime ensures maintenance-free reliability and saves cost.



Energy-saving and direct power on/off

Laser projectors reach maximum brightness and turn off almost immediately—no warm up or cool down period required.



Excellent Color Reproduction

Laser light source achieves detailed color reproduction at 82%, which delivers superior image quality and performance.



150" Ultra-widescreen 16:6 (L30TZU-V2)

It replaces traditional two-projector-together solution with perfect visual effect, not only solving color variation & color cast.



Dust-proof Design

External mounted 3M dust-proof filters to avoid the dust entering inside and improve the lifetime. Auto-reminding function for the dust-proof filter to remind users to clean/change filter.



Full 3DTechnology

Adopt latest DLP signal processing chip with HDMI 1.4a interface. With 3D FHD application, users could enjoy wider view and vivid presentation.



Variety of Interfaces

Versatile connection ports including HDMI1.4a*2, VGA-in, VGA-out, Audio in, Audio Out, RJ-45, Mini-Jack in, MIC, etc.

Product Name	UST LASER PROJECTOR			
Model Name	L33TZW – V2 L34TZP – V2 L30TZU – V2			
Light Source	20 STAN FEBRUARY (MARC) (MESSEN) (MESSE			
	1200+000	Laser		
Resolution	1280*800	1920*1080	1920*720	
Aspect Ratio	16:10 (support4:3, 16:9)	16:9 (support4:3)	16:6	
Brightness (typ.)	3600lm	3500lm	3600lm	
Contrast	1,800:1 (native) / 10,000:1 (APM)			
Lamp Life Bright	25,000 (hrs)			
Uniformity JBMA (typ.)	≥90%			
Throw Ratio	0.233			
Noise Level	35db@1m			
Keystone Correction	Auto + Manual			
mage Size	80"-150"			
Computer Compatibility	UXGA, SXGA, WXGA, WUXHA, XGA, SVGA, VGA, Mac			
Video Compatibility	PAL, SECAM, NTSC 4.43, PAL-M, PAL-N, PAL-60			
3D Support		DLP 3D		
Dimension (W*D*H) (mm)	446*370*140			
Box Dimensions (W*D*H) (mm)	545*475*255			
Net. Weight (kg)	9.6			
Speaker	10W*1			
Power Supply	100 ~ 240V, 50 ~ 60Hz			
Power Consumption	<250 W (≤0.5W Standby)			
OSD Language	English, Simplified Chinese (Extendable)			



1. IQBoard DVT

High performance whiteboard with latest Digital Vision Touch technology, perfect user experience by finger touch, no special pen required, slim black frame and built-in high-speed cameras, much lower rate of failure and easier for after-sale maintenance.



Features



Digital Vision Touch technology



Ten-point touch



Support marker writing



Zero maintenance cost



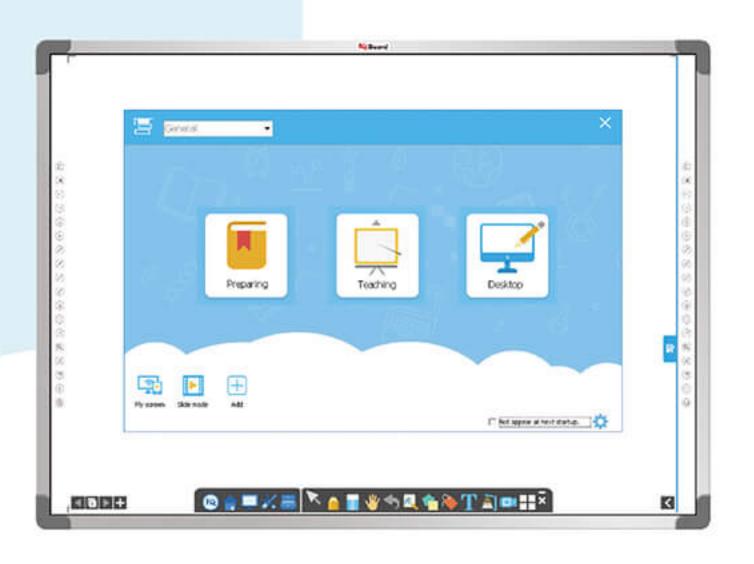
Four high quality cameras to ensure stable performance

Specifications

Overall Diagonal Size	82"	87"	92"	100"
Overall Size (mm)	1712*1228	1783*1313	2004*1240	2180*1350
Active Area Dimension (mm)	1648*1164	1719*1244	1938*1174	2114*1284
Active Projection Dimension (mm)	1564*1164	1659*1244	1878*1174	2054*1284
Aspect Ratio	4:3 16:10		:10	
Name	IQBoard DVT			
Model	DVTQK			
Touch Points	10			
Resolution	32768*32768			
Technology	Digital Vision Touch technology			
Hardware Special Features	Multi-touch capabilities, finger touch			
Hotkeys	18 soft hotkeys on both sides			
Signal Tracking Rate	8m/s			
Precision	0.05 mm			
Calibration	4, 9, 12, 15, 20 or 25 points			
Softwares	IQ Interactive Education Platform 6.0, IQClass 6.0, IQClass Plus			
Surface	Porcelain steel or painted steel			
Power Supply	USB, ≤1W			
Operating Systems	Windows XP/2003/ Vista/7/8/8.1/10, Linux, Mac OS (10.7-10.13)			
Storage Environment	Temperature: -20°C ~ 50°C Humidity: 15%~85%			
Working Environment	Temperature: -20°C ~ 50°C Humidity: 15%~85%			
Installation	Wall mounting, cabinets, stand mounting			
Warranty	Three-year warranty			
Certifications	CE, FCC, RoHS, ISO9001, ISO14001, ISO14021			

2. IQBoard IR

Infrared interactive whiteboard with up to 32-point touch, no special pen required, stable performance and durable usage, low cost for maintenance and low rate of failure.



Features





Gesture recognition



Support marker writing



Easy maintenance



Durable construction and perfect writing experience

Overall Diagonal Size	82"	87"	97"
Overall Size (mm)	1708*1242*33	1797*1305*33	2123*1305*33
Active Area Dimension (mm)	1633*1167	1722*1230	2048*1230
Active Projection Dimension (mm)	1542*1156	1625*1219	1951*1219
Aspect Ratio	4:3	4:3	16:10
Touch Points	10/16/32		
Name	IQBoard IR		
Model	IRQK		
Resolution	32768*32768		
Technology	Infrared technology		
Hotkeys	18 soft hotkeys on both sides		
Signal Tracking Rate	8m/s		
Precision	0.05 mm		
Calibration	4, 9, 12, 15, 20 or 25 points		
Power Supply	USB, ≤1W		
Operating Systems	Windows XP/2003/7/8/8.1/10, Linux, Mac 10.X		
Softwares	IQ Interactive Education Platform 6.0, IQClass 6.0, IQClass Plus		
Surface	Porcelain steel or painted steel		
Frame	aluminum		
Working Environment	Temperature: -20°C ~ 50°C Humidity: 15%~85%		
Storage Environment	Temperature: -20°C ~ 50°C Humidity: 15%~85%		
Installation	Wall mounting, cabinets, stand mounting		
Warranty	Three-year warranty		
Certifications	CE, FCC, RoHS, ISO9001, ISO14001, ISO14021		



3. IQBoard MRQ Plus

A single board with 150 inches size enables wider interaction with users, apply IR technology and reach up to 16 points. Multiple optional models, high precision and perfect user experience.



Features

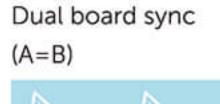
Dual board interaction (A&B)















Single board







Single board

Specifications

Name IQBoard MRQ Plus IRQK ISO" IRQK ISO" ISO" ISO" ISO" ISO" IRQK ISO" ISO
Overall Diagonal Size 150" Touch Points 16 Technology Infrared technology Active Area Dimension (mm) ≥3463*1267 Overall Size (mm) 3563*1367*40 Resolution 32768*32768
Touch Points Technology Active Area Dimension (mm) Diverall Size (mm) Resolution 16 Infrared technology ≥3463*1267 3563*1367*40 32768*32768
Technology Infrared technology Active Area Dimension (mm) ≥3463*1267 Overall Size (mm) 3563*1367*40 Resolution 32768*32768
Active Area Dimension (mm) ≥3463*1267 Overall Size (mm) 3563*1367*40 Resolution 32768*32768
Overall Size (mm) 3563*1367*40 Resolution 32768*32768
Resolution 32768*32768
O.7 b. d. a seriesta a
Aspect Ratio 8:3 by two projectors; more aspect ratios are available
Hotkeys 18 soft hotkeys on both sides
Calibration 4, 9, 12, 15, 20 or 25 points
Precision ≤0.05 mm
Dual board interaction (A&B)
Dual board extension (A+B)
ntelligent Dual-button Pen Dual board sync (A=B)
Single board (A/B)
Power Supply USB, ≤1.2 W
Operating Systems Windows XP/2003/ 7/8/8.1/10, Linux, Mac 10.X
Warranty Three-year warranty.

4. IQBoard PCT



The Projected Capacitive Touch (PCT) technology same as iPhone and iPad makes the PCT quickly respond without delay, operate directly and available for multi touch. The plug-n-play function provides the best experience, greatly enhancing the effect of cooperation and brainstorm.

Compact packing size, save more than 50% local transportation cost compare with traditional IWB.

Features



Up to 30-point touch on the large screen with much fun



Convenient for transport and less cost with inclusive roll



Fast touch response

Customized sizes up to the

maximum length of 14m



High precision and one-time calibration



Directly write and wipe with whiteboard pens

Model	101"	138"	
Dimension (mm)	2248*1295	3282*1295	
Sensor Size (mm)	2096*1174 (94")	3130*1174 (132")	
Weight	15kg	18kg	
L/R Frame Width (mm)	74	74	
T/B Frame Width (mm)	58	58	
Ci	Standard: 101", 138"		
Size	Customized: 5m, 7m, 14m		
Technology	PCT(Projected Capacitive Touch)		
Touch Points	30		
Report Rate	120 Hz		
Latency	≤100ms		
Accuracy	±2mm (typ.)		
Touch Height (Z-depth)	<0.5mm		
Stylus Size	8-16	imm	
Power Consumption	<2.5 W		
Dry-erase Film	Applied		
Operation Systems	Windows7+, Chrome, Linux, Android, Mac(single touch)		
Operation Temperature	0℃ ~ 40℃		
Storage Temperature	-20°C ~ 60°C		
Humidity	20% - 90% relative humidity, non - condensing		



Share and display the laptop screen to Interactive Flat Panel instantly. IQShare is the quickest and most efficient way for wireless presentation.





Features



IQShare supports everyone to share ideas and cast the laptop screen on the big screen instantly with a button click.



IQShare with USB-powered button and app for Windows and Mac OS avoids additional wires.



No need to download and set up any software, just execute the file and start to share.



With up to 10 points touch to do interaction on touch screen.



Up to eight computers can be connected at the same time with one button projection.

Specifications

Configuration	Free configuration	
Interface	HDMI*1, VGA*1, USB*2, Wifi*3, LAN*1, Earphone*1, DC 12V*1	
Support O.S.	Windows 7/8/10, Apple Mac	
Resolution	720P~1080P	
Frame Rate	Audio/video: 18~25 frames	
Delay	100~200ms	
Display Mode	Mirror and extended desktop	
Touch Control	10 Points (Windows 7/8/10)	
	Mouse Mode (Mac)	
Max Linked Number	1~8 (Can break the limitation using a external router)	
Max Display Wins	1~4	
Wireless Bandwidth	Receiver: 1200Mbps	
	Transmitter: 300Mbps	
Protocol	IEEE 802.11 a/g/n/ac	
Frequency Channel	5.8G	
Verification	WPA2-PSK	





1. IQView Interactive Document Camera E Series

IQView Interactive Document Camera enjoys the latest technology and brand-new design. Combined with the IQBoard or IQTouch, it could make vivid presentation and be applied in the classroom or office freely.

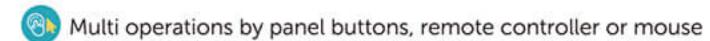
Features







Macro-shooting to capture object details



Touch control capability as image scroll and zoom

Built-in annotation software (not available for E6510 and E3513)

Built-in adapter to connect with the microscope (only for E3511 Plus)



Model	E3511	E3511 Plus	E6510	E3513
Built-in Adapter for Microscope	N/A	✓	N/A	N/A
Built-in Software	Yes	Yes	No	No
Interface	HDMI out, SD card slot, VGA in & out, USB, Power supply	HDMI out, SD card slot, VGA in &out, USB, Power supply	USB power supply	HDMI out, VGA in &out, USB, Power supply
Digital Zoom	X100	X100	X10	X6
SNR	≥45db	≥45db	≥40db	≥40db
Power Supply	DC 12V 1A	DC 12V 1A	USB 2.0	DC12V 1.5A
Product Size (mm)	185*115*320	185*115*320	115*75*330	318*125*190
Product Weight	1.05kg	1.05kg	0.976kg	1.2kg
Interactive with IQBoard	√	√.	N/A	N/A
Sensor	5MP	5MP	8MP	5MP
Light Source	11 LED with soft box	11 LED with soft box	11 LED with soft box	8 LEDS
Frame Rate	30fps			
Scanning Area	Nearly A3	Nearly A3	Nearly A3	A4
Macro-shooting	≤5cm			
Operating System	Windows XP/Vista/7/8/10			

2. IQView Micro-lecture Making Software

IQView Micro-lecture Making software V3.0 features shooting of professional document camera, Micro-lectures and Answer card;

Provide easy operation on pictures, including capturing images, annotation, eraser, image scroll & zoom in/out; Enable comparison teaching or interactive teaching by splitting the screen;

Teachers can record teaching videos online or locally.



Features



Image Capture

Capture image under document camera, operate on image and save it into Gallery.



Comparison Teaching

Choosing different background materials from captured images of document camera or local disk. Enable editing images using software tool palette.



Gallery

Save files or images and enable editing, such as annotating.



E-book

Create your own e-book by using images captured from IQView or selected from local disks.



Micro-lectures

Recording education-purposed videos, easy for students to learn Before-In-After class.



Answer Sheet

Help teachers to mark papers with efficiency.





1. IQAudio Wireless Mic System

IQAudio Wireless microphone system is a useful system applied in the classroom that teachers could enjoy good interactive experience with students. The system delivers clear and smooth sound with anti-interference. It also fits teachers in daily teaching like turning PPT pages and infrared pointers.

Features



Starting up with 2.4G automatic frequency.



Support up to 64 channels to fit schools of different scales.



UHF frequency band transmission to make sure clear sound quality and without interference.

Effective receiving distance up to 20 meters.



A teacher has a MIC. Teachers can carry the handheld MIC to any classroom.



Microphone with extra features like turning PPT pages, being infrared pointers, vocal detection and power-saving mode.

Specifications



Wireless MIC Receiver

Wheless Mic Receiver			
Oscillation Mode	PLL Synthesizer		
Madulation Mada	π/4 QPFKS (Quadrature		
Modulation Mode	Modulation)		
RF Carrier Frequency Range	650~675MHz		
Max. Channel Number	64		
Frequency Bandwidth	25MHz		
System Compatibility	4 receivers can be used		
System Compatibility	simultaneously		
RE Sensitivity	<-90dBm		
Frequency Response	70~15kHz(±3db)		
S/N Ratio	≥80dB(A)		
T.H.D.	<0.1%1KHZ		
Dynamic Range	>85dB		
Working Range	<15		
Output Connectors	Φ6.35 Jack Connector		
Audio Output Level	>+5dBV max		
Power Requirements	DC12V/500MA		
Dimensions (H*W*T) (mm)	44*212*100		
Weight	500g		

Wireless Microphone

Wheless Microphone	
Frequency Mode	Automatic
RF Carrier Frequency Range	650~675MHz
Max. Channel Number	64
Pilot Mode	Digital Pilot
Display Mode	OLED Screen
RF Power Output	≥3dBm
Input Impedance	2.2ΚΩ
Spurious Rejection	>50dBc
Frequency Bandwidth	25MHz
Max. Input Level	≥300MvRms at max. Gain
Gain Adjusting Range	8dB
Power Requirements	3.7V/800mAh lithium battery*1
Battery life	<6h
Battery Charging Time	About 2.5h
REID/Bluetooth Radiant Power	≥-10dBm
RFID/Bluetooth Spurious Rejection	>50dBc
Dimensions (H*W*T) (mm)	31*144*31
Weight	65g

2. IQSoundBox

IQSoundBox is a perfect portable presentation system suitable for lecturers, teachers, group discussion and others. Power amplifying system, HD audio decoding system, and built-in digital wireless microphone receiver all together make the speaker a perfect portable PA system.



Features



Automatically match the frequency when hand-held microphone is on.



Effective working distance up to 20 meters to boost interaction between lecturers and audience anywhere in the spot.



Microphone with extra features like turning PPT pages, being infrared pointers, vocal detection and power-saving mode.



One teacher with one microphone that could be taken around the campus, which is easy to



Equipped with SD card/USB flash disk/Bluetooth play, supporting lossless audio files and recreating melodious sound.



Powered by high-energy lithium batteries and work as long as 6 hours.

Specifications



Wireless Portable Amplifier

The coop i of table in inpution		
RF Carrier Frequency Range	823-832MHz/650-675MHz	
Output Power	30W@THD=10%	
THD	<0.05%@1w, 1kHz	
Frequency Response	80Hz-18kHz	
Sensitivity	90dB SPL/W/m	
Input Power	24V/3A	
Battery Capacity	2.6AH/16.8V	
Working Time	>8.0 hours	
Bluetooth Version	4.0, working range>15 meters	
SD Card / USB Flash Disk	Maximum capacity 32G, support FAT16, FAT32, ExFAT/FAT64 system files. Besides MP3 and WMA lossy audio files, it also supports FLAC,APE and WAV lossless audio files.	
Dimension (W*H*T) (mm)	242*220*110	
Weight (g)	2215	

Wireless Microphone

—
Manual
650~675MHz
64
Digital Pilot
OLED Screen
≥3dBm
2.2ΚΩ
>50dBc
25MHz
≥300MvRms at max. Gain
8dB
3.7V/800mAh lithium
battery*1
<6h
About 2.5h
≥-10dBm
>50dBc
31*144*31
65g



IQSound Active Speaker



IQSound Active Speaker is a special design for education interactive whiteboard, very easy to install & express voice accurately.

Features



Support MP3 playing, high-speed USB2.0/SD/MMC /XD/MS cards and other media, upgrade software easily.



Enteral 2.4G wireless microphone receiver, one stereo RCA input and one stereo RCA output (Optional). One microphone input with DC+6V power source.

Switch to AM/FM digital tuner

supported, can use IR remote



Specialized USB mic interface supports 2.4G mic connection through USB.



to control the program, volume and automatically search for available radio Standard wall- mounts stations, etc. accessories, very easy to

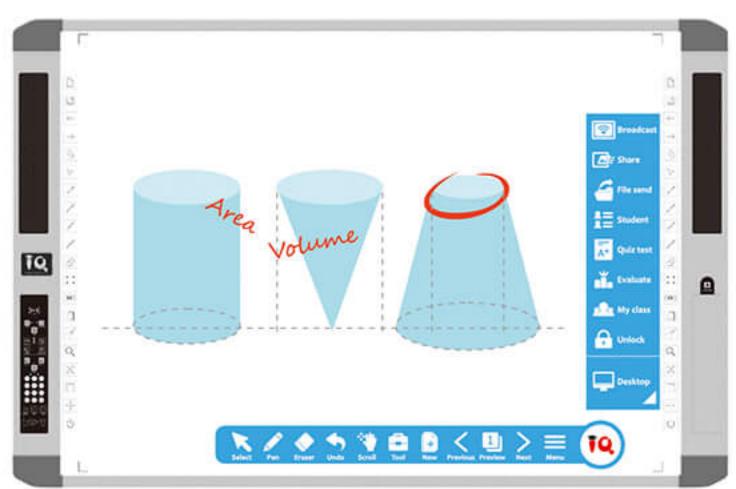
Name	IQSound Active Speaker		
Model	PA410	PA420	
Color	White	Black	
Rated Power	2*30W	2*60W	
Rated Impedance	4Ω	4Ω	
Driver Unit	4 inch woofer*1; tweeter*1	4 inch woofer*2; tweeter*1	
Rated Input Level	Microphone 15mV (nonequilibrium)		
Frequency Response	68Hz – 18kHz		
Input	microphone input*1; stereo RCA input*1		
Sensitivity	<500MV		
Max SPL	78dB		
SNR	85dB		
Stereo Isolation	≥40dB		
Exterior	Steel mesh		
Body Material	High Density Fiberboard		
Installation	Standard wall rack		
Product Size (mm)	150*84*700		
Net. Weight	6.5kg/pair	7.5kg/pair	



1. IQClass Software



Multi devices share Software, as a useful teaching tool, IQClass benefits teachers as they could prepare and create ideal courseware at home, and boost learning outcomes in the classroom that students could collaborate with each other and give timely feedbacks to teachers. It runs across the platforms of Windows, Android and iOS.



& What teachers could benefit from IQClass



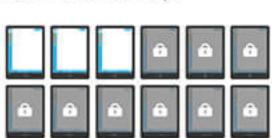
Save and share files in real time with students



Collaborate with students by group or individually and evaluate on the performace

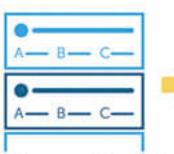


Annotate on the any content on the desktop



Strategic management on the students tablets







Prepare tests before the class and make instant quiz in the classroom for students



A good partner of students in learning



Get more concentrated in the classroom with screen lock function



Performance ranking makes everyone more likely to participate in classroom activities



Quizzes and unexpected questions help to follow up learning



Save lesson files as .pdf, .cdf and other formats so to download and learn at home



Make teamwork together to finish specific tasks that improve problem solving skiils

2. IQClass Plus Software

Enter <u>www.lQBoard.eu</u> in the browser address bar to experience IQClass Plus



software compatible with all mainstream browsers; through multi-screen interaction. No installation and silent upgrade.

Features



Sticky notes



Table and charts



Bulk upload and create multi-access users



1+1=2 Autogrouping



Animation



Available in 21 languages

System Highlights



Web- and Cloud-based Software

Share files between teachers and students. Data stored in the cloud.



Multi-Screen Interactivity

Displaying optimized screen in accordance with the screen resolution of the smart device display.



Creating QR Code to Share

Scan the QR code with your mobile smart devices. Share screen and resources between PC /smart phone / Pad.



Compatible with All Popular Browser/O.S

Access IQClass Plus software as long as network works well, no special requirements for browsers.



Working Simultaneously on the Same Workspace

Share files with class and all the pupils can work simultaneously in real-time one same work space.

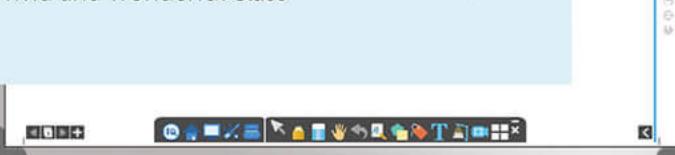


Embed 3rd Party Content

Embed third-party content, including website, YouTube video, pictures and text.

3. IQ Interactive Education Platform Software

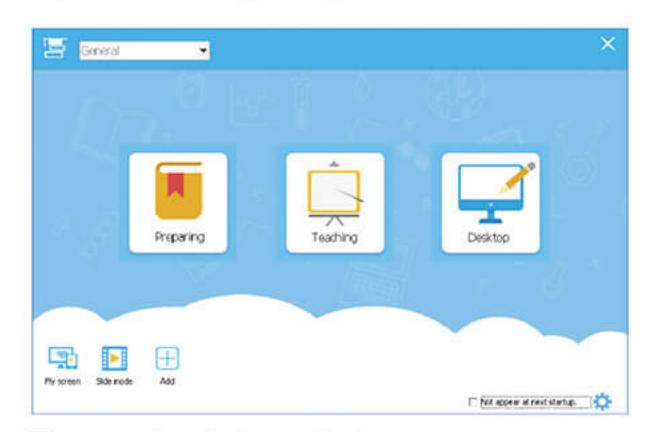
IQ Interactive Education Platform is powerful and new generation software for demonstration and teaching. It seamlessly connects with all kinds of interactive teaching equipment, such as interactive whiteboards, touch flat panel, document camera, lesson preparing machine and so on. Interactive Education Platform has various functions, such as freehand writing, annotation, handwriting recognition, screen record, animation and subject tools are accessible for teachers and presenters. With IQ Interactive Education Platform, it is easy to create a vivid and wonderful class and demonstration.



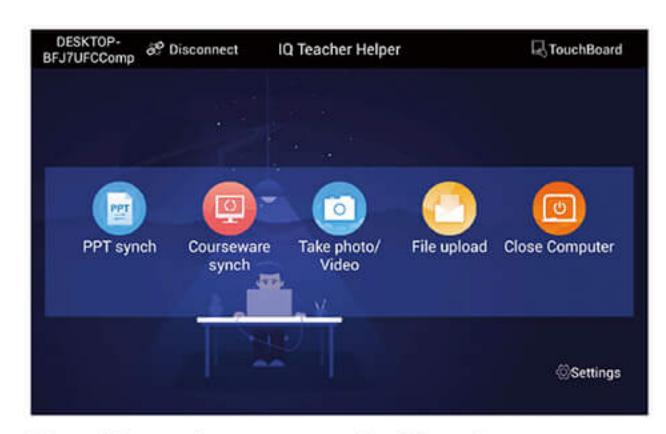
System Requirements

- •Windows 7/8/8.1/10
- •Dual Core Processor or higher
- •1G RAM (1G above recommended)
- Microsoft DirectX8.0 or above
- •1G free hard disk space (for full installation)
- •Screen resolution: 1024x768 or above

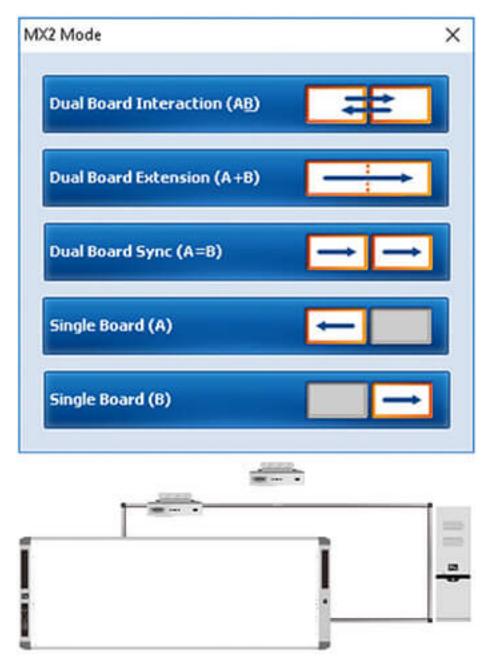
System Highlights



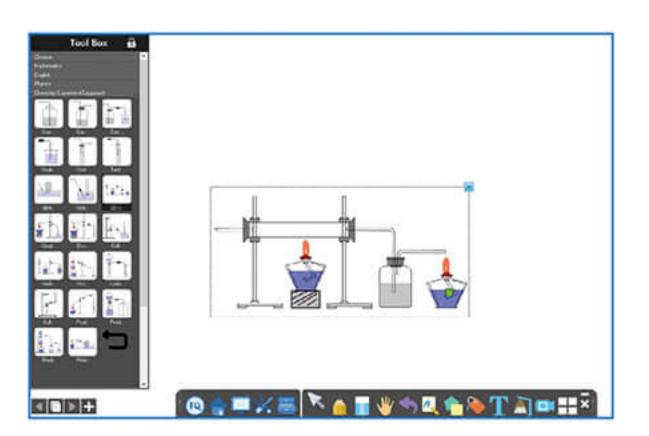
Three mode switches make it easy to prepare courseware and multi-purpose teaching.



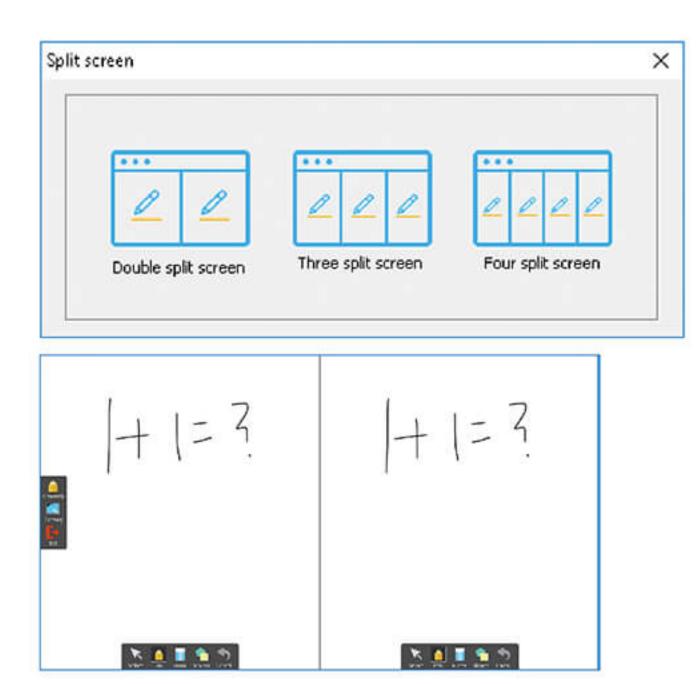
Use tablet or phone to scan the QR code to connect with the PC and realize the mobile teaching.



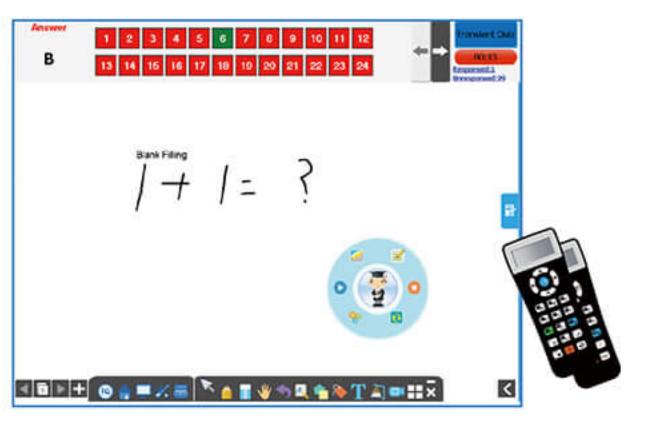
When the device you connected is IQBoard 150inch with IQOne built-in dual-screen system or IQAiO built-in dual-screen system, the MX2 mode can be activated and to achieve functions as Dual Board Interaction, Dual Board Extension, Dual Board Sync and Single Board Interaction.



There are different tools for different subject and it supports secondary editing.



Contents can be displayed as the background on board at the top side of each split screen. 2-4 students can answer questions on each split screen. Teacher can use the pen on the left screen to make annotation for students answer.



Software with IQClick for real-time small test to collect feedbacks from listeners with instant quiz or test in classrooms or offices and make statistics on the results.