



# Interactive Terminal



**Live Recording System + Smart IoT Solution**

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## ● Introdution



Interactive Terminal is an integrated terminal device for smart classroom management, with live recording, live lecture and smart IoT solution all in one.

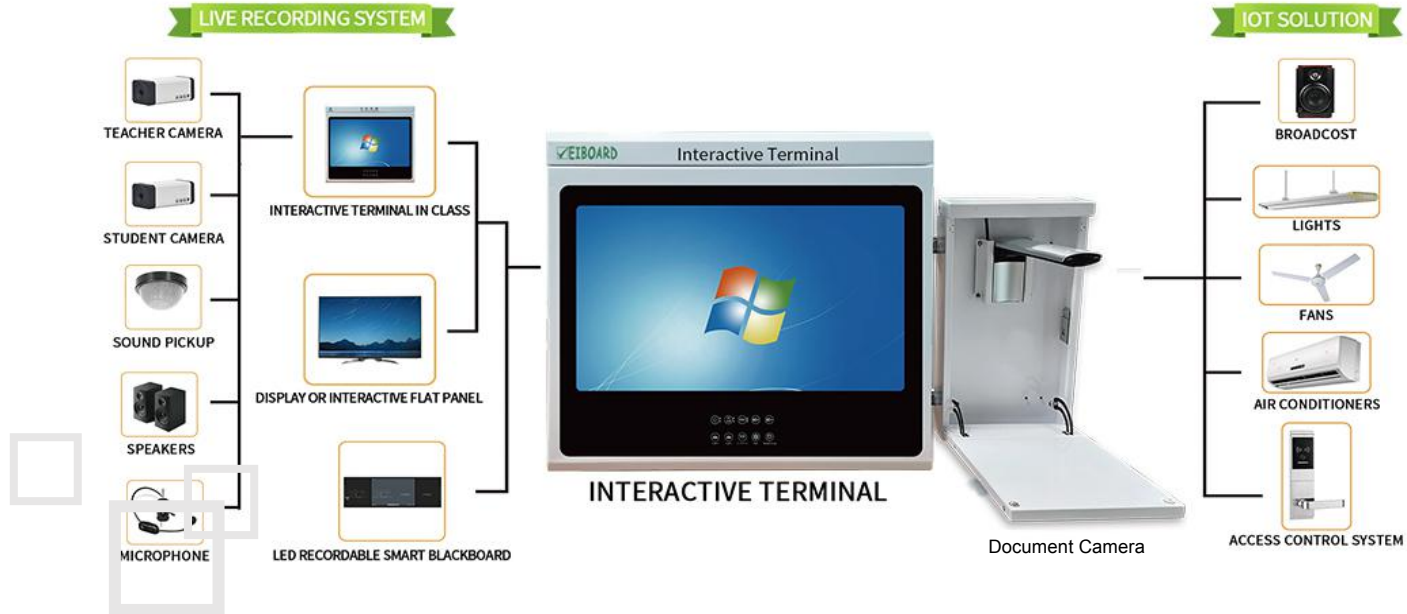
- Widely used for open class and lessons recording in schools, it supports to record a complete teaching lesson via video and audio.
- It supports to share the live teaching lessons from 1 classroom to other classrooms.
- The in-built IoT system can help a classroom to control the electronic devices like air conditioner, fans, lights easily in a centralized management.



● Introduciton

# INTERACTIVE TERMINAL

(IOT SOLUTION +LIVE RECORDING SYSTEM)



## ● Applications



## ● Features 1: Live Recording System



### Live Recording

- 5 types of camera view can be recorded:
  - ① Panorama camera for teacher
  - ② Closeup camera for teacher
  - ③ Panorama camera for Students
  - ④ Closeup camera for Students
  - ⑤ Local (In-built PC)
- 2 types of camera videos can be recorded simultaneously and stored.
- In-built local storage (128/256/512/1T GB as options )
- One-touch to start live recording

## ● Features 2: Live Interactive System



### Live Stream Share

- Share live open class from 1 classroom to others
- Easy to interactive from host and terminal rooms
- Live stream software built-in both host and terminal rooms

Notes: Interactive terminal for terminal rooms and live stream software are not included for host room.



- Features 2: Live Interactive System



Host Room



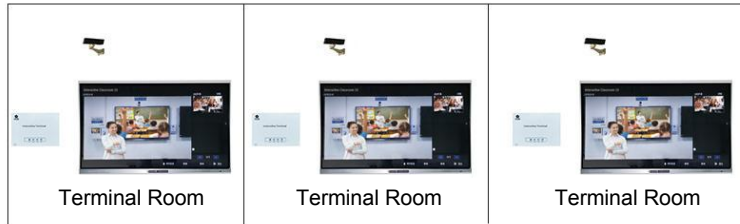
Terminal Room



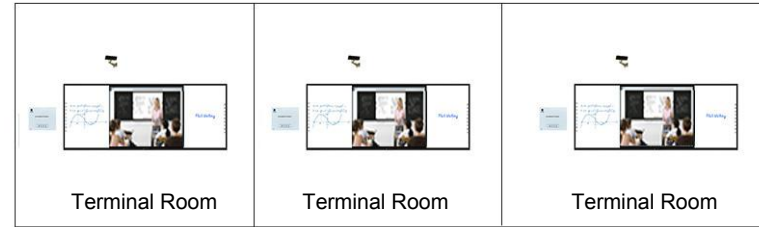


● Features 2: Live Interactive System

System Map



With Interactive Flat Panels



With LED Recordable Smart Blackboard



- Features 2: Live Interactive System

### Application



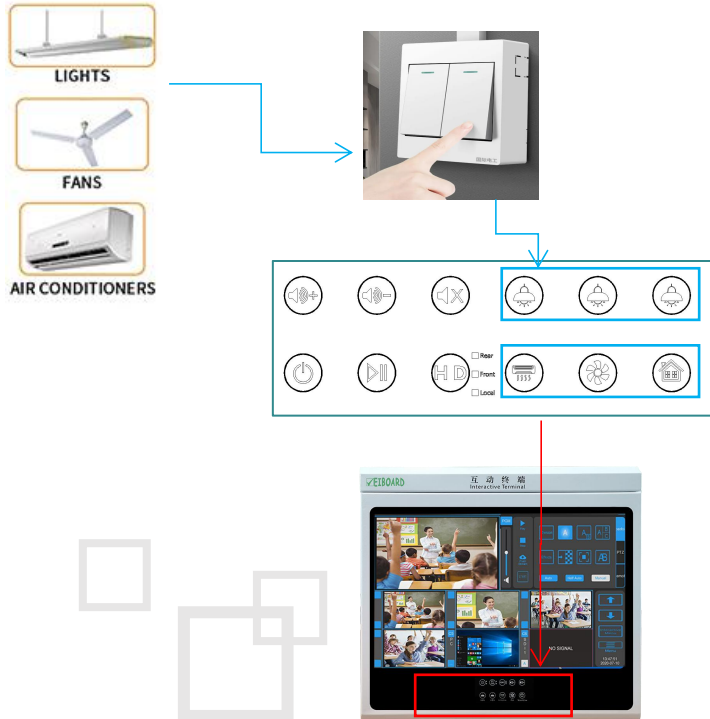
Host Room



Terminal Room



## ● Features 3: Smart IoT System



### In-built smart IoT system

- Centralized management
- To help a classroom to control all electronic devices easily and centralized, like air conditioner(ac), fans, lights.
- Support 4 types of Profiles to centralized control by one-touch.



- all ac & fans power-on
- all lights on + ac & fans off
- all power-on
- all power-off



- Features 4: Special Designed



### Special designed with valuable tools

- In-built 21.5inch capacitive touch screen
- Folable document camera
- Auto-tracking cameras



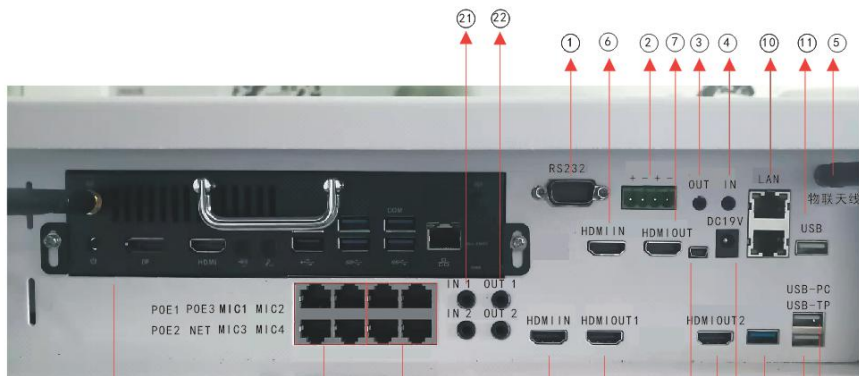
## ● Specifications

Structure	Dimension	H*W*T : 560*492*107mm ;
	Display	21.5inch capacitive touch screen
	Weight	Net Weight≤16Kg ;
	Color	White
System	Configurations	Android 11.0; memory: 4 + 16GB,2.0GHz frequency, storage :128G / 256G / 512G SSD or HDD 1TB (optional)
OPS	Motherboard	Industrial motherboard integrated high definition sound stereo card; integrated 100 / 1000M self-adaptive network card; integrated wireless network 802.11b/g/n
	CPU	Intel ( i3/i5/i7 optional )
	Memory	4GB/8GB DDR3/DDR4 (optional)
	Hard Disk	SSD 128G/256G/512G ; HDD 1TB(optional)
	Operating System	Pre-install Windows7/10 (Optional to be activated )
Max Resolution	Resolution	1920*1080
Image Input Device	Document Camera	COMS 5.0/8.0M Pixels
	Scan Area	A4
	HD Camera	2.5inch, CMOS, effective pixels: 8.51M
	Output Format	MP4
Microphone	sound Pick-up	360°omnidirectional pickup,-32db± 3dB

Intelligent Control System	Control Panel	Light-touchable button, including system switch,volume control (volume +, volume-, mute), projector on \ off, switch to external PC, front HDMI, rear HDMI input signal, virtual button, one-touch recording,IoTand other functions (optional)
	Software Control	Includes start, stop, push stream, segmentation, interaction, computer channel suspension button and other functions
Audio	Audio Input	7-way Input ( RJ45 (MIC)Audio-in *4pcs,3.5mm Line in * 3 )
	Audio Output	3.5mm Line in*3pcs
	Power Amplifier	8Ω,2*30W/ Frequency response:20Hz-20KHz,SR: 85DB (accessible passive speaker)
I/O Ports	HDMI-in	3pcs
	HDMI-out	4pcs ( including PC HDMI-out * 1 )
	USB3.0	5pcs ( including PC USB3.0* 2pcs )
	USB2.0	1pcs input , 6pcs output ; ( including PC USB 2.0 *4pcs )
	Audio	Audio-in *4pcs,Audio-out * 4pcs(Including PC Audio in/out *1pcs)
	RS232	1pcs output
	POE Camera	2pcs
	Network	RJ45-in* 1pcs, RJ-45-out* 2pcs
	RJ45(MIC)Audio-in	4pcs

## Specifications

### Rear I/O Ports



1 : RS232	232 Communication
2: The horn	Passive speakers 2 * 30W
3 : OUT	Active audio output
4 : in	Audio input
5: IoT antenna	Internet of Things control communication
6 : HDMI-IN	External broadcast signal input is recorded
7 : HDMI OUT	Large screen is displayed on the external connection
8 : miniUSB	Central control upgrade
9 : DC 19V	Central control power supply is DC19v 6.3A
10 : lan	Wired network input and output
11 : USB	PC USB2.0
12 : POE*3-NET*1	POE * 4-RJ45 network interface (with POE power supply).NET*1RJ45*1 100MB .
13: MIC*4	Audio input, powered by a DC48V phantom
14 : HDMI IN	PC desktop signal input
15 : HDMI-OUT2	Lead broadcast picture output
16 : HDMI-OUT 1	Record and broadcast the screen output
17 : USB 3.0	Upgrade, copy the data
18 : TOUCH USB	PC USB input
19: USB2.0	Touch signal input, follow with the signal
20: OPS Industrial PC	The OPS is optional, and the detailed parameters are subject to the physical objects.
21 : out 1\2	Audio output
22 : in1\2	Audio input

## ● Accessories List

Accessories List	Quantity
Interactive Terminal (Host Room)	1 pcs
Power Cable	1 pcs
Warranty Card	1 pcs
QC card	1 pcs
2.4G + Remote	1 pcs
RS232 Cable	1 pcs
HDMI Cable	1 pcs
POE Cameras	2 pcs
RJ45 (MIC) Audio Mic	1 pcs
IoT Terminal Receiving Connector	3 pcs
Interactive Terminal for Terminal Room	1 pcs (Optional)
Speakers	1 Pair (Optional)



# THANK YOU!



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