

## JCVISION Technology Inc

### JC-NB750 AIO LED Liquid Interactive Writing Board

Intelligent WhiteBoard / Education BlackBoard/ Meeting Writing Board/  
*3 In 1 Incorporated Design*



#### 1. Important Patents :

For our JCVISION NB750 AIO owns several important Patents in China as follows:

Utility model patent :

**A combined intelligent comprehensive screen blackboard**

Patent number: JC 2018 2 19892760.7

Invention patent :

**A recording and broadcasting integrated intelligent comprehensive screen blackboard system and its control method**

Patent number: JC 2018 1 14454930.4

Invention patent:

**A intelligent preservation multimedia teaching system and its control method,**

Patent number: JC 2019 105676480.x

The core patent :

**A multi-screen display control method and system for intelligent comprehensive screen blackboard**

The application number of this patent: JC 2018114456480x ( Under authorization )

#### 2. Configuration

One set of 75" Intelligent LED whiteboard display add a piece of LED liquid crystal writing board to form a innovates writing equipment for meeting purpose. All its advantages also relies on JCVISION self-development program JCvision LinkBoard-NoUI-V1.0 to provide supper writing experience of Interconnection & Interaction.

#### 3. Main Features :

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NB750, is the healthy and environment-friendly Write-Board products, adhering to the brand-new concept of "creating a clean blackboard environment for the meeting room", innovates and combines pressure sensing technology, flexible liquid crystal display technology, ordinary writing board and multimedia equipment. Let the ordinary writing board achieve dust-free writing and on-screen writing functions, and provide omni-directional touch control and multimedia functions. It is the deep integration of traditional writing and modern science and technology, which is bound to bring revolutionary writing experience.

### 4. Advance of OC Liquid Crystal Writing Board :

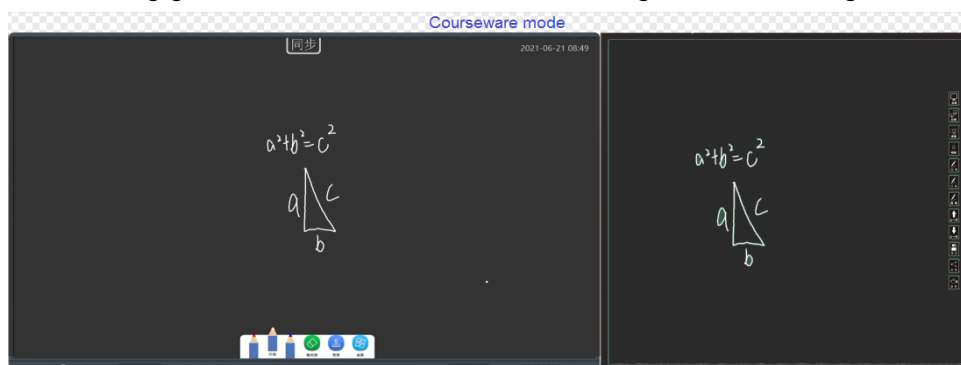
- 1). No consumables: all objects with moderate hardness can be written (directly with fingers can also be easily written), without any consumables, completely bid farewell to dust pollution, and eliminate the health hazards caused by dust to teachers and students.
- 2). Pressure sensing: the size of handwriting can be determined according to the degree of force, good writing experience, the original handwriting to restore the real writing scene.
- 3). Ultra-wide perspective : within the visual range of the product, the writing stroke can be seen clearly from any angle in meeting room.
- 4). No electromagnetic radiation: no harm to the eyes, the eyes are not easy to fatigue, protect the eyesight of attendees.
- 5). One-button erase: reduce the burden of wiping the writing board, gently press the erase key, simple and convenient.
- 6). Locality erasure: a writing board eraser can easily erase any part of writing on the board at will, and you no longer have to worry that typos can't be corrected.
- 7). Ultra-low power consumption: writing without electricity, energy saving and environmental protection.

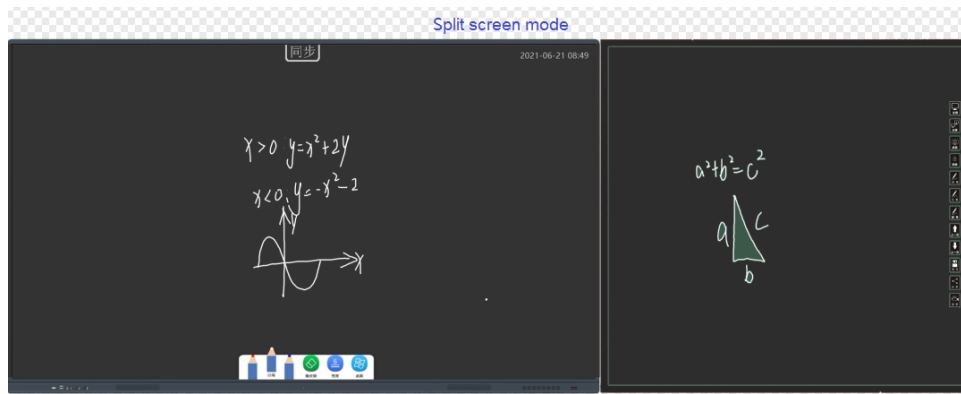
### 5. Interconnected & Interactive Technology Application :

JCVISION Self-Development Program LinkBoard-NoUI-V1.0 provided supper writing experience of Interconnection & Interaction.

#### 1). Four characteristic modes:

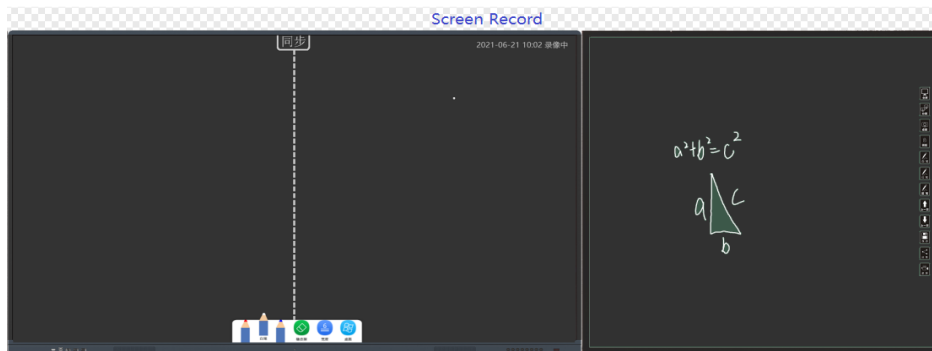
Courseware mode, blackboard writing mode, split screen mode and synchronous mode; Meeting guider can choose the mode according to their teaching habits:





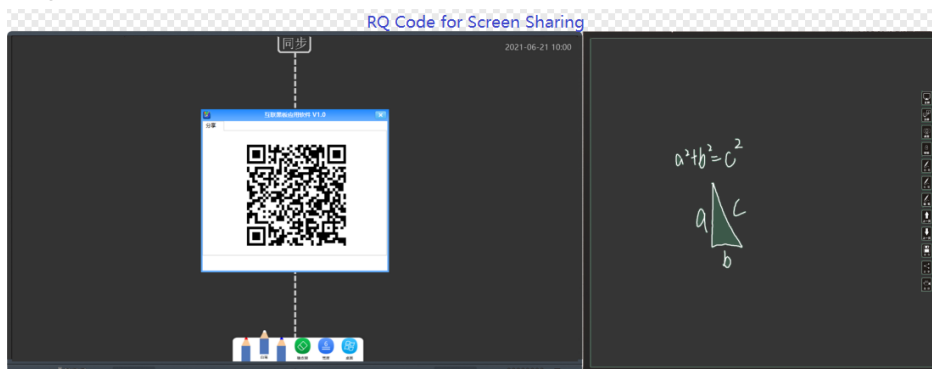
## 2). Record writing:

Through the infrared touch interconnection technology, the hand-writing can be saved at any time. When the current page board book is full, it will automatically save the current page and create a new page when you click the New Shortcut key. Keep the traditional habit of guider's , and at the same time record and keep the meeting quider's hand writing conveniently and quickly.



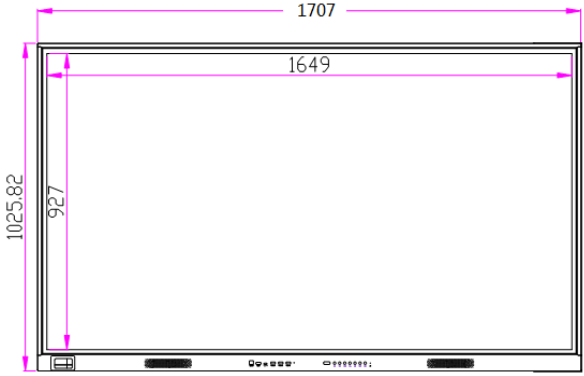
## 3). Real-time sharing of lecture notes:

The QR code can be produced by clicking the sharing shortcut key, and the contents of the hand writing of the whole course can be shared to the mobile phone by scanning the code.



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### 6. Technical parameter of Main LED Display :

Display Size	75" (inch)
Front View	
Display Aspect Ratio	16:9
Optimum Resolution	3840×2160
Brightness	350cd/m2
Contrast	1200:1
Response time	4 ms
Front Panel Button	Power, Eye Protect, Screen Rec., Touch SW., Home, Massage Center, Menu, Source
Front Terminals	USB for Touch x1
	HDMI x1
	Type-Cx1
	USB3.0X3
Input Terminal	AV in x1
	HDMI x 3 ( Built In OPS x 1 )
	USB ( For Touch ) X 1
	USB2.0 x 1
	USB3.0 x1
	RJ45× 1
	RS232 x 1
Output Terminals	Earphone x1
	AV out x 1
	SPDIF out x 1
Audio Power	2× 15W ( 8 ohm )
<b>Android Sys Specification</b>	
Chipset	T982
CPU	Dual-core ARM Cortex- A55

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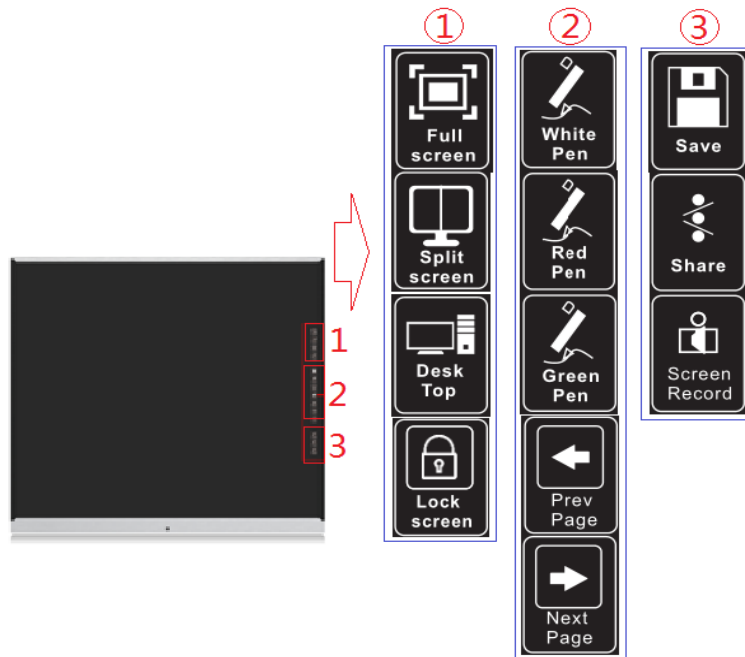
GPU	Mali-G52 MP2
RAM	4G DDR4
FLASH	32G EMMC
Wifi	2.4G Wireless Network, Wired Network, Bluetooth
Android Version	11.0
<b>Support Operating System</b>	
Built-in system	Android
OPS System	Windows7/ Windows 10 Pro
Power Supply	AC100-240V 50/60 Hz
	Standby Power Consumption $\leq$ 0.5 W
	Working Power Consumption $\leq$ 290W (without OPS) Consumption $\leq$ 300W (with OPS)
Front Frame Material	Aluminum Frame (Black Or Silver)
Front Protective Glass	Anti-glare, 4mm
Unit Dimension (L*W*D)	1707*1026*92mm
Dimension of Unit w/Hanger	1707*1026*123mm
Carton (L*W*D)	1835*1120*220MM
Mounting	Wall mount Bracket
	Movable Stand (Option)
Net-Weight	57 +/-1 Kg
Cross Weight	67 +/-1 Kg
VESA	600x 400mm, M8 Screw
Wall Mount Drawing	<p>The drawing is a technical line drawing of a wall mount bracket. It shows a rectangular frame with four mounting arms extending from the top corners. Dimension lines indicate a width of 600mm and a height of 400mm. The drawing includes various mechanical details like screws and mounting points.</p>
Operation Environment	Working Temperature 0~ +40°C
	Storage Temperature -10~ +60°C
	Working Humidity: 20% to 80% RH
	Storage Humidity: <95% RH
Infrared Multi-Touch Device	
Touch system	Surface Light Wave

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Touch Points	20 points
Touch Technology	Infrared
Glass	Anti-glare
Tempered Glass	4mm Toughened Glass
Glass Transmission	90%
Construction	Built-In
Frame Material	Aluminum/Plastic
Driver	Android Driver, Self-Identify, Free installation
Response Time	10 ms
Touch Accuracy	±1 mm ( 90% Active Area)
OS	Windows 7/ Windows 8/ Windows 10 / Android
<b>Built-in PC Spec ( OPS PC )</b>	
	Module design, Plug-In Configuration, Standard Intel Connection, Compatible for OPS-C
<b>Front Panel Terminals &amp; Button</b>	
<b>Out Look Picture</b>	

### 7. Technical parameter of Sub Writing Board :

On sub-writing board right side there are 12pcs of short-cut icon. Description & function show as below:



Sub Screen Dimension	1285mm*1165mm*28mm (H*V*D)
Sub Screen Display Packing Dimension	1405mm*1255mm*220mm (H*V*D)
Sub Screen (Net W.)	12kg±1.5kg1
Sub Screen (Gross W.)	20±1.5kg

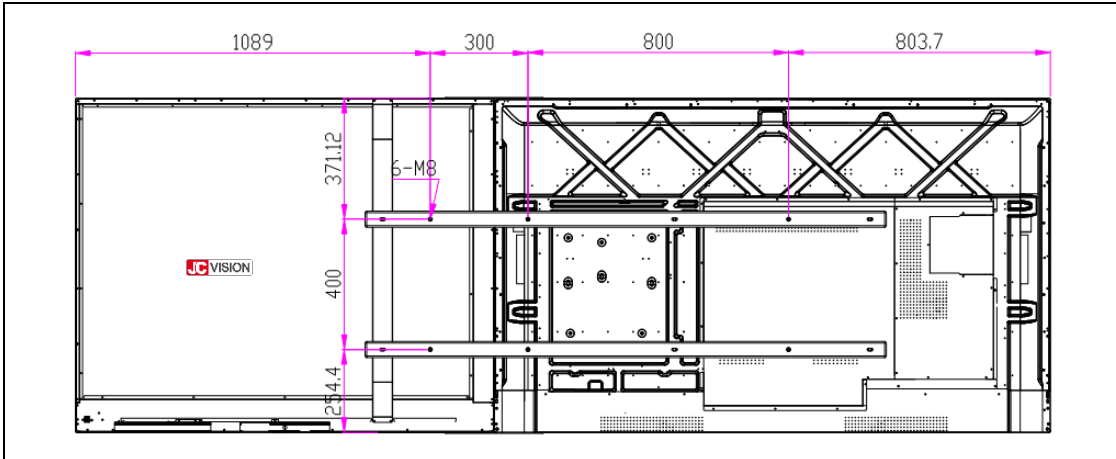
### 8. Technical parameter of Whole sets of Writing Board :

Whole Set Writing Board Dimension (L*W*D)	2992.7*1025.82*92mm
Dimension of Unit w/Hanger	2992.7*1025.82*123mm
Mounting	Wall mount Bracket
	Movable Stand (Option)

#### Whole Set Of White Board Front View

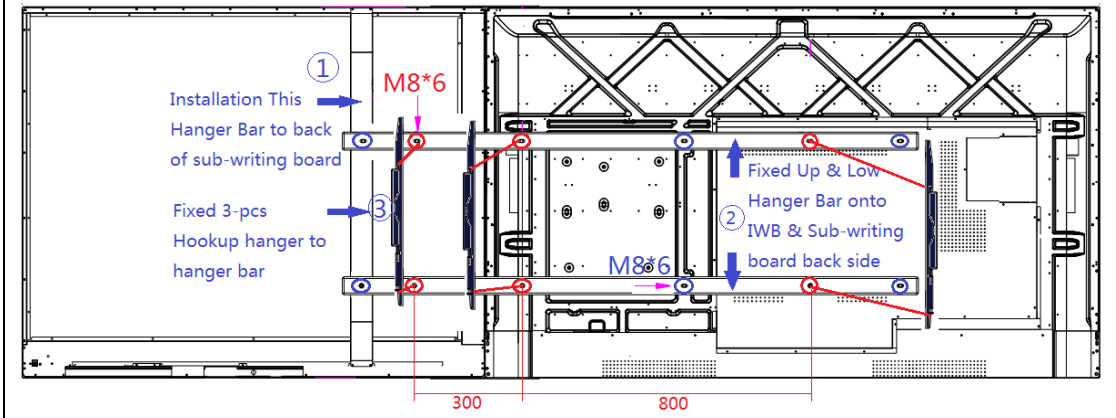


#### Whole Set of White Board Back View



Fixing Hookup Hanger for Movable Stand

Please follow the installation step : 1->2->3



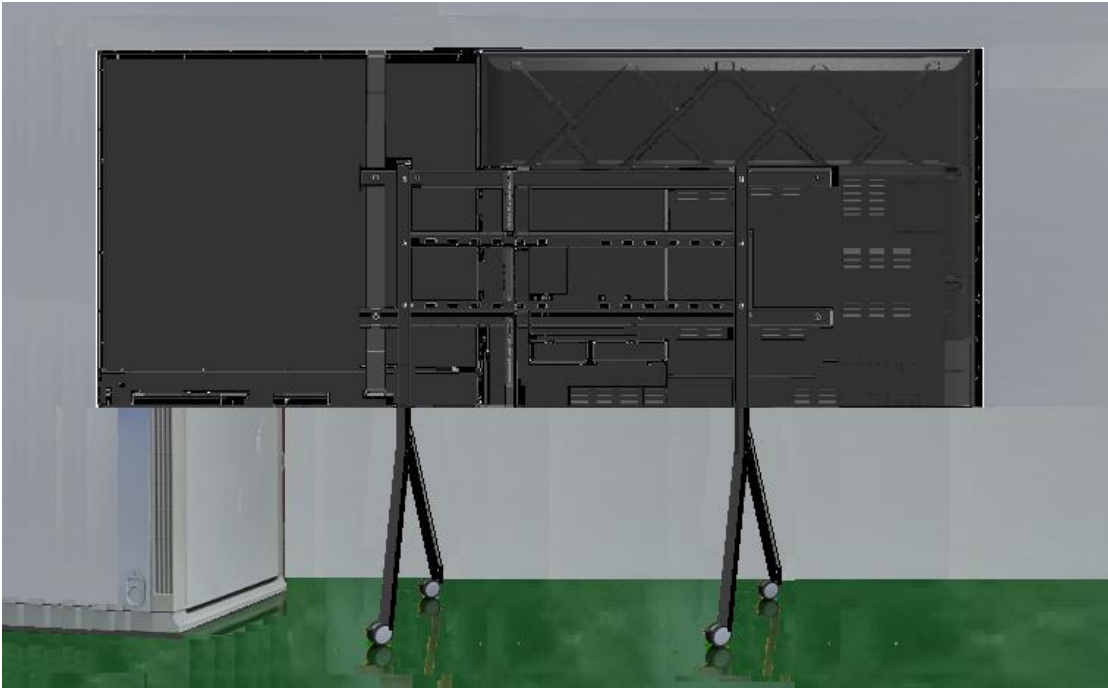
9. Movable stand mounting

Front View Picture



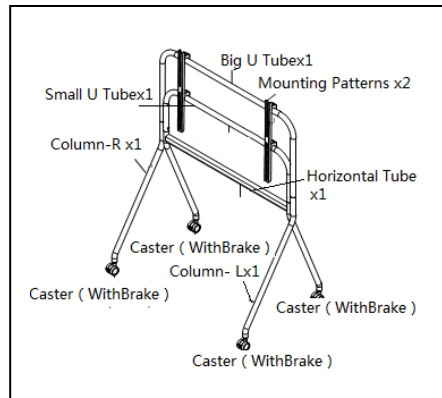


## Movable stand mounting Back View Picture



### Movable stand Parameter

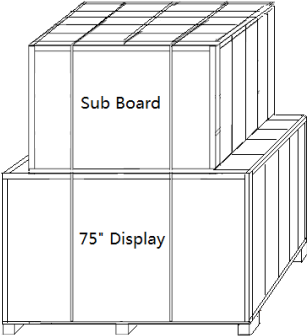
Model No.	M2286/M2298
Dimension	1240*750*1510 mm
Weight	22Kg
Adjust Range	0-250mm Height
Support Weight	< /=100Kg
Packing Size	1300*820*130 mm



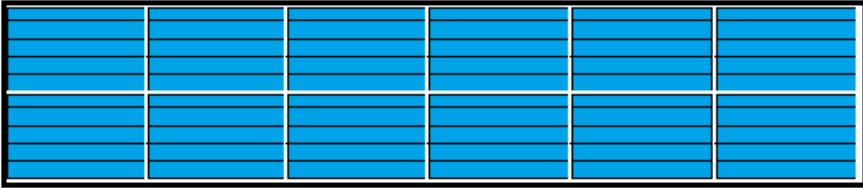
### 10. Shipment Information

Item	75" Main Display	Sub Writing Board
Unit Dimension	1710*1055*95mm	1285*1165*28mm
Carton Size	1835 *1120 *220 mm	1405*1255*220mm
5 set in 1-Pallet size	1840*1298*1130mm	1410*1255*1130mm
5-Unit with 1-Pallet Cross Weight	378 Kg ( Approx.)	110 Kg ( Approx.)
20' Container Loading Q'y	30 Sets	30pcs
40' Container Loading Q'y	60 Sets	60pcs
Loading	First Layer	Second Layer

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<p>Standard Export Packing 5-Unit in one Pallet</p>	
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<p>20' Container Loading Drawing ( HQ )</p> 	<p>For NB750 Main Unit: 30 sets</p>
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<p>40' Container Loading Drawing ( HQ )</p> 	<p>For NB750 Main Unit: 60 sets</p>
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