SMART BLACKBOARD. DX SIRES

Model: DX-M75
Model: DX-M86
Model: DX-M98

4K ULTRA **HD**

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* This file contains all the parameter information of this series of standard models, does not represent all the parameters and data of our company's products, the actual parameter data shall be subject to the specific model signed with the sale.

1.Product features

(1) System:

* Equipped with Android 11 intelligent operating system and unique UI design;

* 4-core 64-bit high-performance CPU, A55x4 architecture, maximum support 1.8GHz clock;

* High-performance image processing engine: image motion compensation, color enhancement processing, etc.

(2) Appearance:

* Simple and fashionable design, with touch output, HD input and USB input design in front, convenient operation;

* High-precision capacitance touch screen, touch accuracy up to ±1mm, support up to 40 points touch, high sensitivity;

* The front USB interface supports Android and PC sharing;

* With OPS computer interface, can be expanded into android and computer dual system;

(3) Whiteboard:

* Whiteboard handwriting ultra HD resolution, capacitance touch screen with nana wear-resistant material, touch diameter minimum 1mm;

* Support single point, multi-point writing, pen writing, picture insertion, add page, gesture erasing, zoom in and out, undo and restore, scan code sharing;

* Any interface of any channel can be annotated and saved;

* The white board selection function is rich, can move, zoom in and out, copy, change color, etc.

* Explosion-proof tempered glass, 4mm thickness, MOHS grade 7 hardness, safety assurance, optional AG (anti-glare) + AF (anti-finger print) glass to make writing experience better;

(4) Intelligent operation:

* One-click open and close android and PC dual system;

* Automatic recognition of external input signal source, easy and convenient screen switching;

* Left and right function navigation bar, convenient and quick operation of common functions;

(5) Conference and business functions:

* Built-in office tools, school teaching and learning tools, welcome interface, multi-screen interaction, remote conference and other efficient meeting software;

* Built-in 2.4GHz / 5 GHz dual WiFi network card, supporting WiFi Internet access and WiFi hotspots at the same time;

* Multi-screen interaction, support multi-channel on the same screen, mirror and reverse control operation, remote photography, video, music, document sharing, picture capture, wireless remote control and other functions;

* Customize boot screen, theme and background, support automatic classification of local media player;

* Pull the function bar on the left and right side, the gesture call mode and touch control switch can be switched freely, so that the conference machine can be turned into an advertising display machine or other commercial display products;
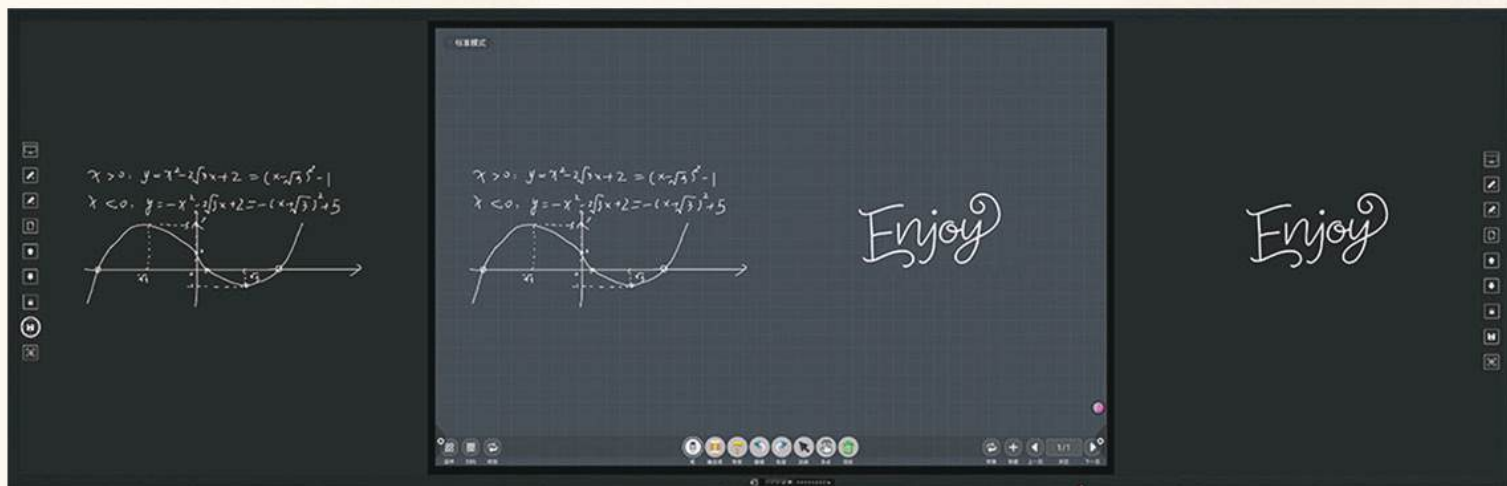
LED Recordable Smart Blackboard

Specially designed for education

Record Handwriting   **Review Teaching Process**   **Save as Cloud Recourse**

Teacher
Easier Teaching

Students
Convenient Review

Parents
Worry-free Tutorship

Multiple Writing Mechods   Scan QR Code for Sharing   Quick Mwmory Save   Multiple Touch Points   Seamless Writing   Sereen Sharing
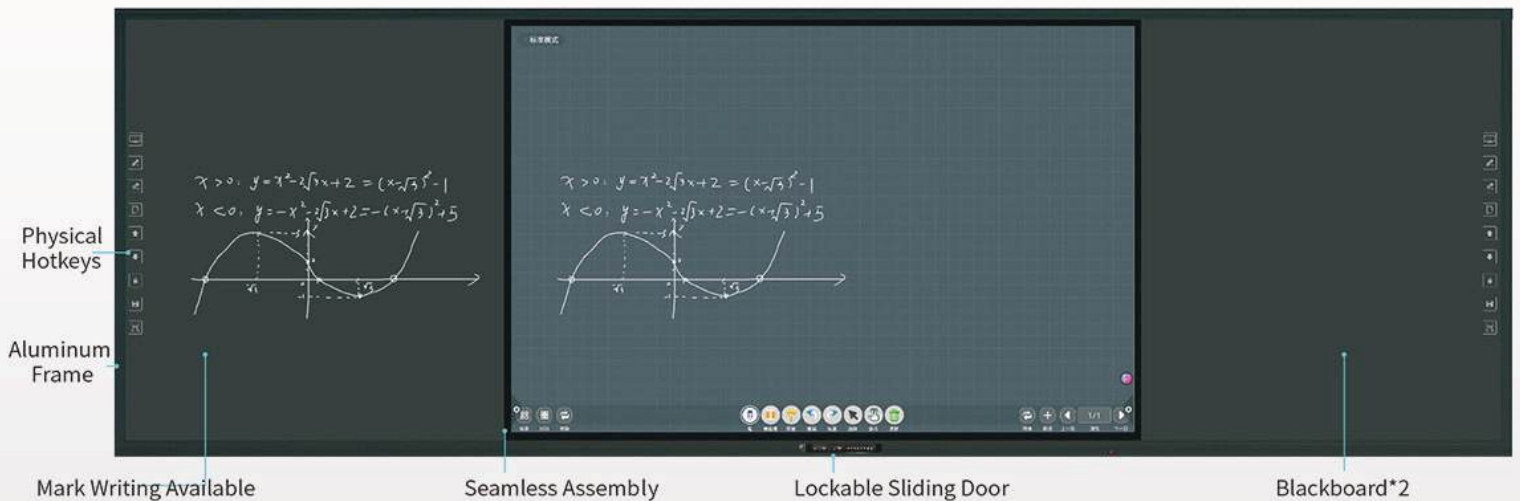
2.Product Specification

Screen	Model	DX
	Size	75 , 86 , 98
	Back light	D-LED
	Resolution	3840*2160
	Luminance	350cd/m²
	Contrast Ratio	5000:1
	Response Time	6ms
	Refresh	60 Hz
	Visual angle	178°(H) / 178°(V)
	Visual area	1649*927mm
	Display color	16.7M/1.07B（8-bit)
	Life time	50,000 hrs
System	Chipset	Quad-core ARM Cortex-A55
	System version	Android 11.0
	CPU + GPU	A55*4 + MaliG52
	RAM	4GB DDR4
	Internal storage	32GB (64GB, For Optional)
	Language	English- Arabic (multi-language)
OPS(optional)	Chipset	Intel core i5 / i7 (optional)
	System	Windows 10 pro
	RAM	4GB/8GB/16GB
	SSD	128GB/256GB/500GB
Video	TV	Optional
	Video decoding	MPEG-2/4, AVS, H.264, H.265,TS, Realmedia…
Power supply	Voltage	100 V ~ 240 V/AC, 50/60 Hz
	Max power	300W
	OPS power	DC 19V/5A
	Standby power consumption	<0.5W
	Power switch	*1

Audio	Power	15W/20W （8Ω） * 2
Camera (optional)	Build-in camera （4k, 3840*2160）	Optional,13MP/48MP
Microphone (optional)	Build-in Microphone array	Mic*8
Input/output interface	VGA IN	*1(Optional)
	AV IN	*1
	PC-AUDIO IN	*1
	RJ45 Ethernet	*1
	Earphone OUT 3.5mm	*1
	HDMI IN	*3
	USB	*4
	USB-TYPE C	*1
	TF-CARD	*1(Optional)
	COAX /SPDIF	*1(Optional)
	Touch in	*1
	Touch out	*1
	WIFI	2.4G*1, 5G*1
	Bluetooth	*1
	Power(AC)input	*1
Environmental factors	Operating temperature	-10C ~ 50C
	Storage temperature	-20C ~ 60C
	Operating humidity	20% ~ 90%
	Storage humidity	10% ~ 80%
	N.W	Screen: 68KG Sub-board: 24Kg
	G.W	Screen: 88KG Sub-board: 33KG
Structure appearance	Product size	Screen75: 1756.2 (w) x 1059.7 (H) MM Full size: 4000 (W) x 1250(H) MM
	Packaging size	Screen75: 4600*1350*860MM Sub-board: 1310x215x1270MM
	Canning material	Aluminum Front frame, PC back cover
	Shell color	Black Front frame, Black back cover
Accessories	Touch pen	*2
	Remote control	*1
	Wifi antenna	*4

	Manual	*1
	Certificate of conformity/warranty card	*1
	1.5m power cable	*1
	Wall mounting bracket (including screws)	*1(set)
	Smart Pen	*1(Optional)
	Wireless projector	*1(Optional)

7 Functions in 1

Integrated multi-functionsin-built Android and Windows system with fast conversion between dual OS.

Physical Hotkeys

Aluminum Frame

Mark Writing Available

Seamless Assembly

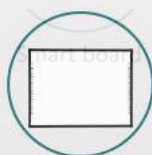Lockable Sliding Door

Blackboard*2

Blackboard

Record

PC
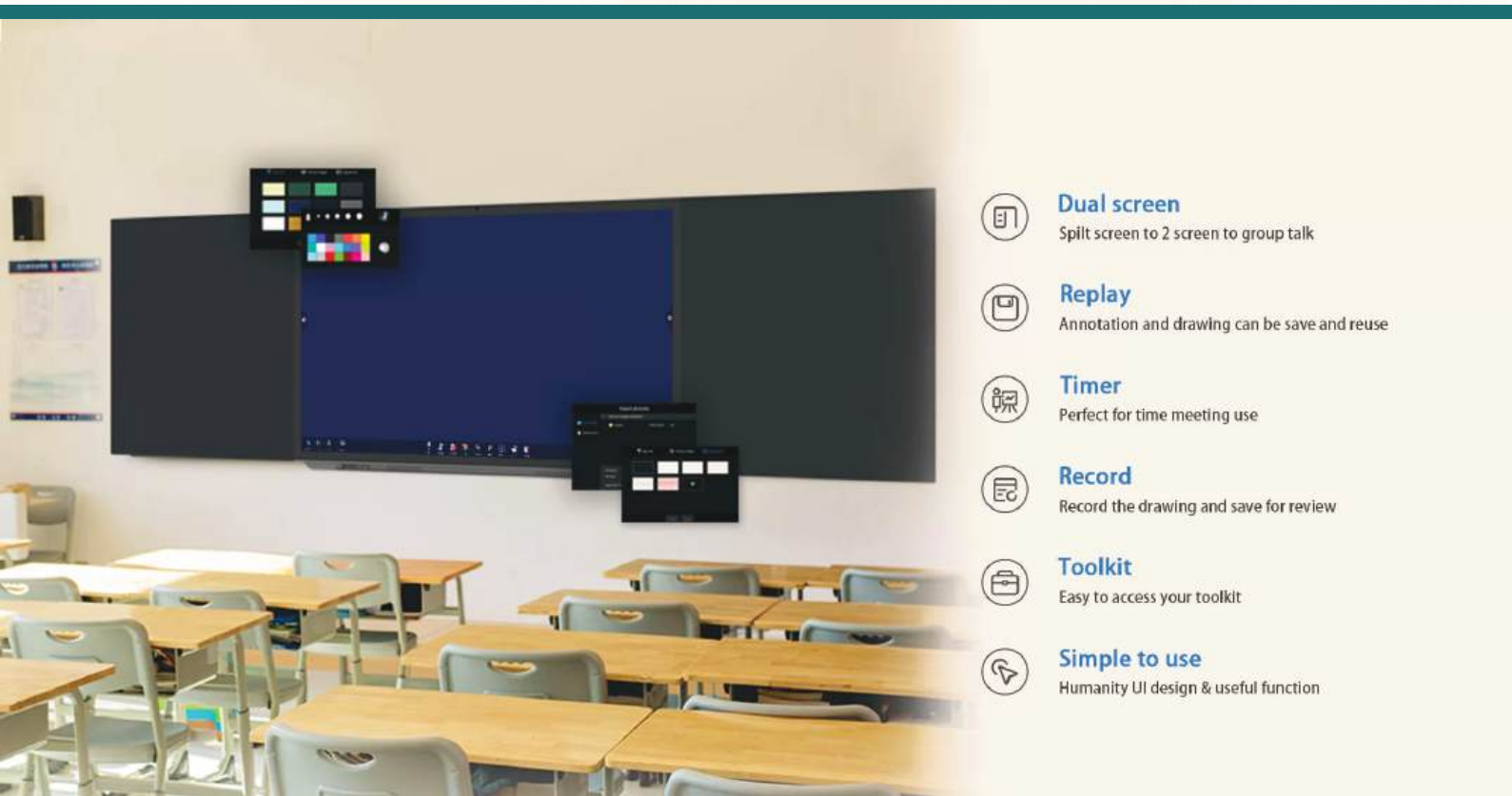
Smart board

Speaker

TV

Touch Screen

3.Touch screen system

(1)Overview

High-precision capacitance touch screen, the resolution of interpolation algorithm can be up to 32767×32767; Plug and play support; This product can optionally support 40 point touch.

(2)Parameter

Touch screen parameters	Touch screen type	Capacitance touch screen
	Glass specification	4mm tempered glass with AG(anti-glare) + AF(anti-finger print)
	Resolution of touch	32767×32767
	Scanning frequency	100Hz
	Touch point	20 points (default) 40 points (optional)
	Response time	6ms
	Accuracy of touch screen	More than 90% of the touch area is ±1mm
	Diameter of touch point	≥2mm
	Touch control mode	Finger or touch pen
	Theoretical clicks times	Unlimited times
Interface type	USB 2.0	
Operating voltage	DC+5V±6%	
Power Consumption	≤2 W	

Dual screen
Spilt screen to 2 screen to group talk

Replay
Annotation and drawing can be save and reuse

Timer
Perfect for time meeting use

Record
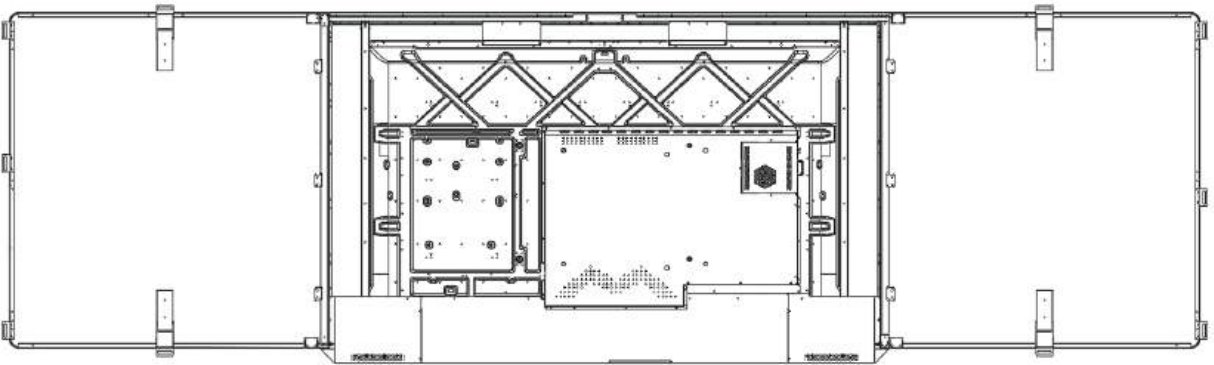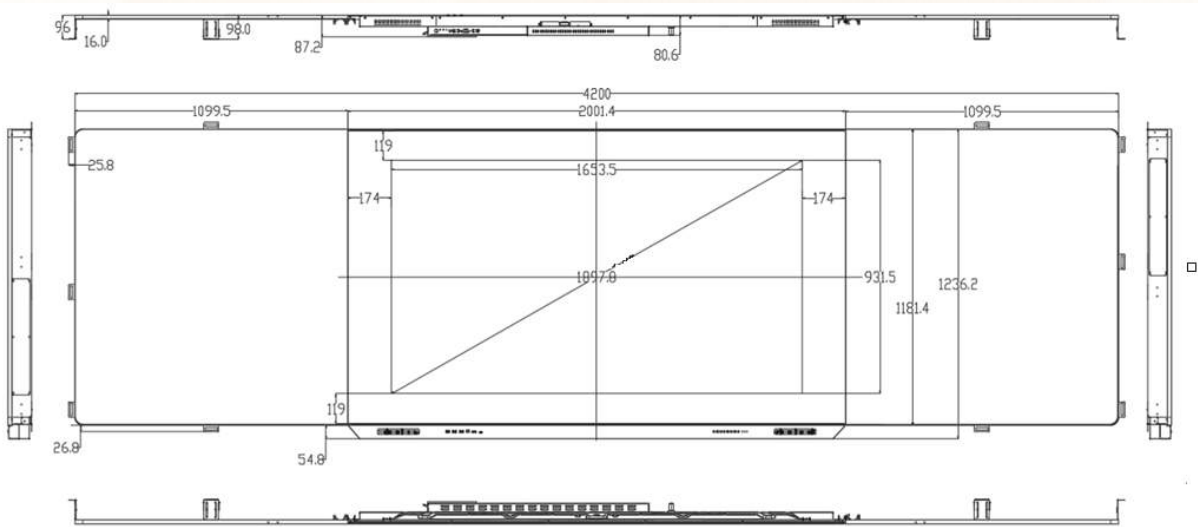Record the drawing and save for review

Toolkit
Easy to access your toolkit

Simple to use
Humanity UI design & useful function

5.Product structure drawing (Wall-mounted)

Note: If there is any deviation in product description, please refer to the actual product

6.Local details

4K	**Ultra HD 4K Resolution** 4K resolution with bright hand vibrant images	**Flat Panel Design** Seamlessly three panels connect together
	Multiple Type Writing 10-points touch in the middle interactive display Chalk and marker pen writable	

Ultra HD 4K Resolution
4K resolution with bright hand vibrant images

Flat Panel Design
Seamlessly three panels connect together

Multiple Type Writing
10-points touch in the middle interactive display
Chalk and marker pen writable

Easy installation & delivery
Pack in 1package to deliver

Optical Bonding
Better image quality

Built in Document Camera
Easier for classroom

Personalized Home Page
User can choose favourite home backgournd & theme from Setting

Personalized Function
Choose the language ; default channels or functions Child lock, others you can find in Setting.