

IBB-F01 IR Series

Intelligent Blackboard



ultra-thin
4k UHD
Anti-glare
Markerpen Writable



Android 14
Eye-protection
Multi splicing



HD Visualizer(optional)
HD camera/array mic (optional)



traditional +highTech
Easy for Teaching



This series of blackboards enables real-time interaction and collaboration between teachers and students, supporting the integration and sharing of multimedia content. The memory function instantly converts handwritten content into digital notes, making it easy to save and share. This enhances classroom effectiveness and improves teaching quality.

4K anti-glare

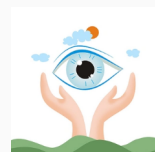
Improving visual clarity and enhancing the overall visual experience.

Minimizing reflections and glare from ambient light and reducing eye-strain.



Eye-protection

New paper-like screen can effectively reduce the eye stimulation and eyesight damage from the electronic equipment, making eyes more comfortable.



Multifunction integration

No need to purchase and connect multiple devices separately to achieve display, writing, multi-person collaboration, video conferencing, and interactivity.



writing



multi-person



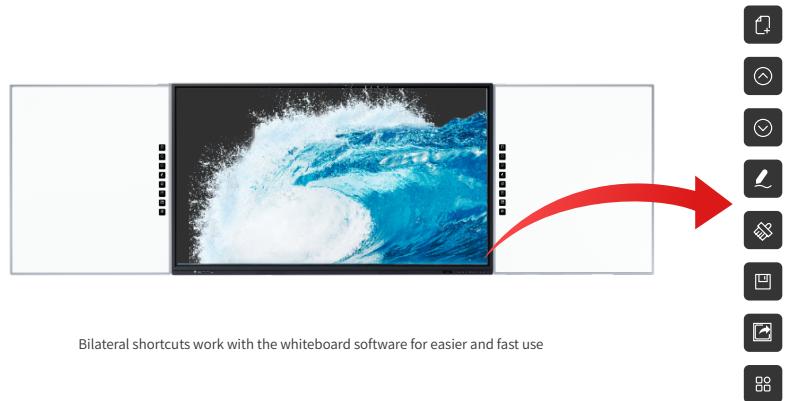
video conferencing

Customized sub-board available in black or white. The white sub-board also supports a foldable design.



Interactive collaboration

The folding whiteboard extends the main screen, providing a larger workspace for team collaboration and discussion.



Bilateral shortcuts work with the whiteboard software for easier and fast use

Memory functionality

With a full set of blackboard writing tools, the IR memory function makes synchronization of blackboard writing into electronic notes in original handwriting.

Wireless Screen Share

Supports multi-device share screen by scanning the code

Split screen teaching

Click split screen writing to divide the whiteboard into two screens, three screens or four screens. After the split screen, each screen can write freely without interference.



Specifcations

Display

Model	WX-BB08651JX
	WX-BP08651JX
Solution	Memorization
	Memorization
Size	86 inch
	86 inch
Bonding	Zero Gap
	Zero Gap
Backlight	Straight
	Straight
Display Area（mm）	1895.04(H)*1065.96(V)
	1895.04(H)*1065.96(V)
Aspect	16:9
	16:9
Viewing Angel	178°
	178°
Brightness	350cd/m²
	350cd/m²
Glass	3mm
	3mm
Color	72% NTSC
	72% NTSC
Resolution	3840*2160
	3840*2160
Refresh Rate	60HZ
	60HZ
Saturation	8bit+FRC(1.07billion)
	8bit+FRC(1.07billion)
Anti Glare Glass	√
	√

Android

Mainboard	V100
	V100
Chipset	GOKE 6780
	GOKE 6780
Frequency	1.5GHz
	1.5GHz
CPU	8*A55
	8*A55
GPU	Mali-G52*4
	Mali-G52*4
RAM	4G
	4G
ROM	32G
	32G
Android Version	14
	14

Touch

Touch Point	20 PTS
	20 PTS
Writing Ability	20 PTS
	20 PTS
Min.Detected Object	6mm
	6mm
Dual Pen Mode	√
	√
Precision	±2mm
	±2mm

Button

Button	ON/OFF 、 Vol+ 、 Vol- 、 Homepage、 Source、 Back、 Menu、 Eye Protection、 Restore
	ON/OFF 、 Vol+ 、 Vol- 、 Homepage、 Source、 Back、 Menu、 Eye Protection、 Restore

Front Interface

TOUCH	1
	1
HDMI	1
	1
Type-C	1
	1
USB（Dual Channal）	2（3.0）
	2（3.0）

Rear Interface

COAX	1
	1
MIC	1
	1
LINE OUT	1
	1
HDMI OUT	1
	1
RS232	1
	1
TOUCH	1
	1
HDMI IN	2
	2
LAN	1
	1
USB	2
	2
TF CARD	1
	1

Wifi	
WIFI	2.4G+5G
	2.4G+5G

Blue Tooth	5.0
	5.0

Audio	
Speaker	20W*2
	20W*2

Subwoofer	20W*2
	20W*2

Track	2.1
	2.1

Consumption	
Standard Consumption	≤450W
	≤450W

Working Currency	4.5A
	4.5A

Standby Consumption	≤0.5W
	≤0.5W

Working Power	100-240V~ 50/60Hz
	100-240V~ 50/60Hz

Size	
Full Size	4536*1215.5*111.2（mm）Panel Only
	4201*1215.5*111.15（mm）Panel Only

Full Size+Bracket	4536*1215.5*140.7（mm）With Bracket
	4201*1215.5*147.15（mm）With Bracket

Package Size	Panel :2115*1390*245（mm）
	Wing Board:1295*1280*240（mm）
	Panel :2115*1390*245（mm）
	Wing Board:1295*1280*240（mm）

Net.	Panel 68（kg）Wing Board :17（kg）
	Wing Board+Visualizer:25（kg）
	Panel 68（kg）Wing Board :17（kg）
	Wing Board+Visualizer:25（kg）

Operation Condition	
Working Temp.	0℃ ~ 40℃
	0℃ ~ 40℃

Working Hum.	20% ~ 80%
	20% ~ 80%

Storing Temp.	-10℃ ~ 60℃
	-10℃ ~ 60℃

Stroing Hum.	10% ~ 80%
	10% ~ 80%

Camera	
Web Camera	1300W+8 Ararry Mic.（Optional）
	1300W+8 Ararry Mic.（Optional）

Wing Borad	
Solution	IR
	Pcap

Touching Points	20 PTS.
	6 PTS.

Draw	Multiple Writhing Supported-10
	Multiple Writing Supported-6

Touch Height	2mm
	/

Min.Detected Object	3mm
	3mm

Pen	Chalk, Mark Pen, etc.
	Mark Pen, conductive materials
	such as fingers

Surface Color	Black
	Black

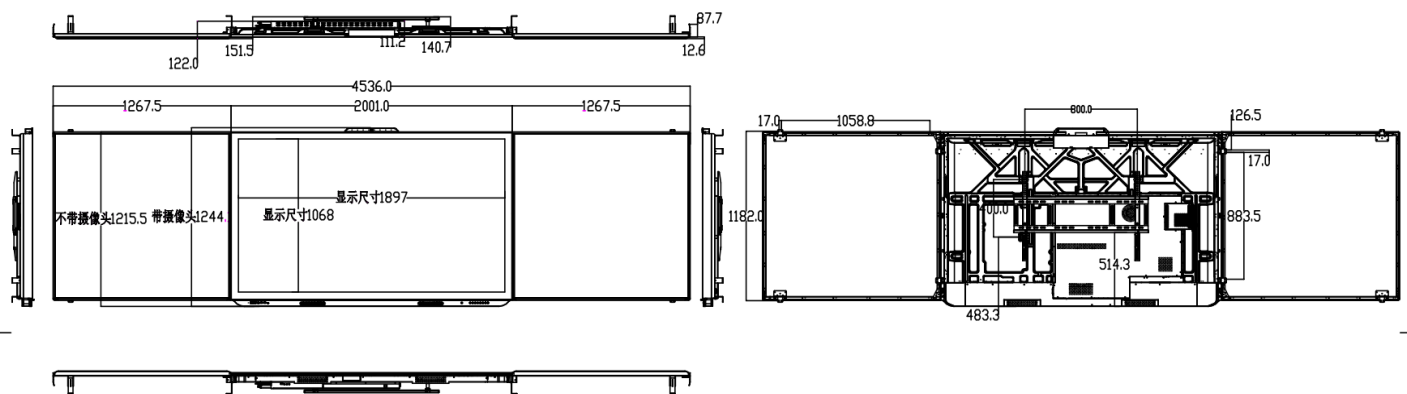
Material	Spray galvanized sheet
	Glass

Magnetic	Supported
	/

	New Page、Previous Page、Next
	Page、Color、Clear、Save、Share、
	More

Hot Key	New Page、Previous Page、Next
	Page、Color、Clear、Save、Share、
	More

VESA Structure



Disclaimer:

Due to product configurations and manufacturing processes, the actual dimensions/weight of the device may vary, please refer to the actual product.

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