

IWB8636 Interactive Flat Panel



The picture is only for reference

1. Features

- Zero bonding technology, low parallax writing and wider viewing angles
- 4mm AG tempered glass
- 4K Ultra HD display, support full channel 4K UI display
- Support screen mirroring
- High precision IR touch makes the user write more smoothly
- Support dual pens with different color displays, which makes teamwork easier
- Intelligent wake-up for HDMI/VGA/RS232 channels & network signal input in standby mode
- One network support, when users connect Android or OPS to internet, both Android and OPS are access to internet.
- Support for network sharing
- Support 2.1 channels, mid-high front- vocalization + bass post-vocalization
- High level welcome application, enriching the live interactive experience with great fun
- Split whiteboard, parallel tasks and wider scenes
- Eye protection, lock screen, touch lock and other tools
- HD camera, 8 array microphones

2. Display parameters

LCD Size	86"
Response time	8 ms
Visual Ratio	16:9
Max Visual Area	1895.04 (H) x 1065.96(V)mm
Resolution	3840 (H) ×2160 (V)
Pixel pitch	0.4935×0.4935mm
Frequency	60Hz
Display Colors	1.07B (10bit)
Color gamut (Typ)	72%
Contrast ratio (Typ)	1100:1,1200:1,4000:1,5000:1(typ.)
Viewing Angle	178°(H/V)
Back Light source	DLED
Brightness (Typ)	450cd/m2
Life span	≥30000hrs

3. Speakers

Soundtrack	2.1
Power	2×16W+15W

4. Camera

Pixel	48M
Quantity	1
Location	Top border
Field of view	DFOV:86° HFOV:75° VFOV:50°
Function	Support autofocus, auto white balance, support for 3D noise reduction

5. Microphone

Pickup distance	0~8m
Quantity	8
Pickup angle	0°~180°
Function	Support echo cancellation, background noise suppression, gain compensation

6. Touch & Writing

Touch mode	Infrared identification
Supported system	Windows10/Windows8/Windows7/Windows XP/Android/Linux/Mac OS X/Chrome
Touch points	20 points touch
Minimum identifier	2mm
Input mode	Finger、Passive IR pen
Response time	≤10ms
Touch depth	±1mm
Writing height	≤3mm
Writing display	Single stylus pen with two color

Output coordinates	32767 (W) ×32767(D)
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7. System

Chip solution	amlogic 311D2
System version	Android 11.0
Working frequency	2.2GHZ
CPU	A73*4 + A53*4 (4 Core+4 Core)
GPU	G52*8(8 Core)
RAM	8GB
ROM	128GB
OSD	Simple Chinese, Traditional Chinese,

8. Bluetooth

Bluetooth version	5.0
Operation frequency	2.4GHz
Operation distance	0~10m
Remark	Built-in Bluetooth

9. Wi-Fi

Version	802.11ac/b/g/n/a
Operation frequency	2.4GHz/5GHz
Operation distance	0~10m
Remark	Built-in Wi-Fi mode

10. Front interface

USB 3.0	2
HDMI IN	1
TOUCH USB	1
TYPEC	1
Keys	1

11. Onboard interface

HDMI IN	2
USB 3.0	2
TYPEC	1
TOUCH USB	2
HDMI OUT	1
COAX	1
RS232	1
USB2.0	1
DP	1
AUDIO IN	1
VGA	1
Audio out	1
RJ45 IN	1
RJ45 OUT	1

12. Power parameters

Voltage	Rated 100-240V~, maximum 90-264V~50/60H
Max power consumption	480W
Standby power consumption	≤0.5W

13. Size & weight

Bare dimension	1953×1184.4×87.2mm
Packing dimension	2120*220*1325mm
Machine + wall mount thickness	123.2mm
VESA hole site	800×400mm
Wall Mounting Screw Specifications	M8×20mm
Net weight	TBD

Gross weight	TBD
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14. Accessories

Power cord	×1
Stylus pen	×1
Wall mount	×1
Operation manual	×1

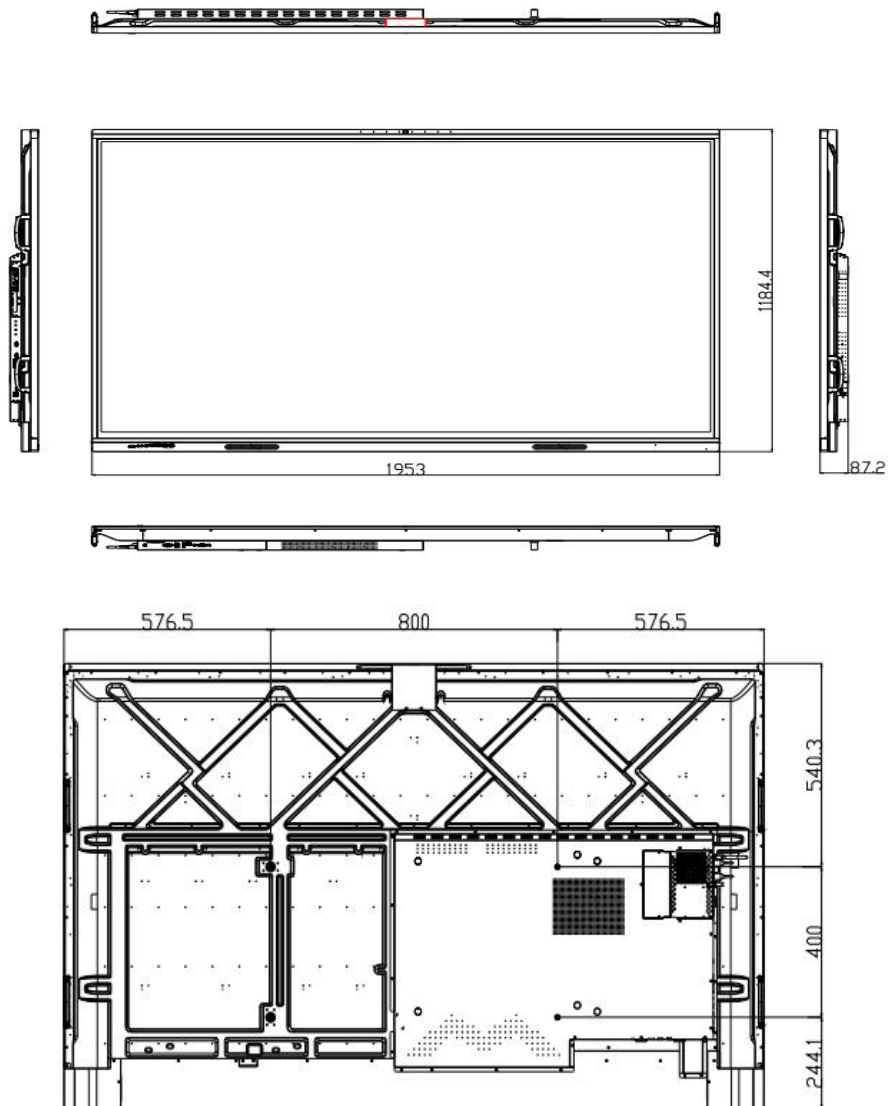
15. Environmental factors

Working temperature	0°C~40°C
Working humidity	10%~90%RH
Storage temperature	-20°C~60°C
Storage humidity	10%~90%RH
Working Elevation	< 5000m

16. Optional modules

OPS module dimension (L × W × H)	OPS size(120mm*180mm*30mm) OPS size(195mm*180mm*30mm) OPS size(195mm*180mm*42mm)
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17. Product's six views



18. Disclaimer

Affected by product configuration and manufacturing process, the actual body size/body weight may be different, please refer to the actual product.

The product images in this specification are for illustrative purposes only. The actual product effect (including but not limited to appearance, color, size) may be slightly different, please refer to the actual product.

In order to provide accurate specifications as far as possible, the text description and picture effects of this specification may be adjusted and revised in real time, so as to match the actual product performance, specifications and other information.