Specification of interactive 98" flat panel

Product Categories：Interactive flat panel

Product Model：BL-98M6SA

Date：2023.03

Website：https://brightlinkav.com/

1. Product characteristics

1.1 System properties

- Equipped with Android 11.0 Smart OS and unique 4K UI design;
- 8GB internal cache + 128GB internal storage, for faster operating speeds;
- Flexible modularized design, free switch between Android and Windows.

1.2 Exterior and audio & video

- Brightlink exclusive gun-color business appearance; the frame is exquisite with oxidation technology;
- Built-in 48M professional camera with 102°ultra-wide viewing angle is compatible for various video conferencing software and supports sound source localization to track speakers in the meeting;
- 8-array microphones, 12 meters pickup distance and intelligent noise reduction algorithm make remote meetings more convenient and efficient.

1.3 Whiteboard writing

- High-precision infrared touch technology with ±1mm touch accuracy, support 20-point touch, smooth writing and low latency;
- Support single-point and multi-point writing, writing with a pen tip, adding colored pen effects, etc., any channel and any interface can be annotated;
- Adopt 3.2mm AG anti-glare tempered glass, Mohs hardness level 7, better writing experience;

1.4 Transmission function

- Wireless screen mirroring, without installing driver, contents of PCs, tablets and mobile phones can be shared on the screen;
- Upgraded Type-C one-click dongle, plug and play, fine details can be seen instantly, more stable and efficient;
- Built-in 2.4G/5.8G dual-band dual-network card, supports simultaneous use of wireless Internet and WIFI hotspot, and the antenna adopts a front hidden design;

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- Bluetooth function, which can wirelessly connect to Bluetooth devices, such as mobile phones and stereos; and supports wireless connection with printing devices for printing;
- Rich interfaces are compatible with various audio and video terminals, making remote communication simpler and multi-party collaboration more efficient.

1.5 Commercial display

- High-definition image processor: image compensation, color enhancement, point-to-point display technology;
- Image output: high definition, stable transmission, low latency;
- Customized welcome page: massive templates to meet different operating scenarios;
- WPS office system：easier presentation, more efficient communication;
- Small tools：timer, Brightlink transfer, recorder, etc., for convenient operating.

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2. Main parameters

2.1 Specification overview

Certificated Model	BL-98M6SA
Display	
Size	97.52"
Backlight type	D-LED
Resolution	3840*2160（UHD）（RGB）
Brightness	350cd/m²
Contrast ratio	1200:1
Response time	8ms
Pixel pitch	0.5622mm*0.5622mm
Refreshing frequency	60Hz
Viewing angle	178°(H) / 178°(V)
Color gamut (NTSC)	72%
View area	2158.85mm*1214.35mm
Display colors	1.07B(10bit)
Life Time	30,000h
System	
Operation system	Android 11.0
CPU Architecture	Arm Cortex-A73
CPU working Frequency	1.8GHz
CPU Core	Quad Core
GPU	Mali-G52
RAM	8GB

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ROM	128GB
Power	
Voltage	100 V ~ 240 V/AC, 50/60 Hz
Power consumption without OPS	300W
Power consumption (standby)	<0.5W
Power (AC) input	*1
Camera	
Pixel	4800W
Focus Form	Auto Framing
Diagonal Angle	114.9°
Horizontal Angle	102.1°
Microphone	
Category	8 Array
Pickup Distance	12m
Pickup Angle	180°
Other function	
Audio Output Power	10W * 2
NFC	Support
Wi-Fi	Wi-Fi 5
Bluetooth	5.0
Front interface	
USB 3.0	*2
TYPE-C	*1
Rear interface	
HDMI -IN	*2
LAN	*2
DP-IN	*1

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VGA-IN	*1
AUDIO-IN	*1
USB 2.0	*1
USB 3.0	*2
TOUCH-USB	*1
MIC-IN	*1
SPDIF-OUT	*1
HDMI-OUT	*1
AUDIO-OUT	*1
Remote control port	
RS232	*1
Environmental factor	
Working Temperature	0℃ ~ 40℃
Storage Temperature	-10℃ ~ 60℃
Working Humidity	20% ~ 80%
Storage Humidity	10% ~ 80%
Working Altitude	≤5000m
The longest service time(Hour*Day)	18Hours*7days
Structure	
Net Weight	106kg±1.5kg
Gross Weight	159kg±1.5kg
Product Size（W*D*H）	2158.85mm*1214.35mm
Package Size（W*D*H）	2158.85mm*1214.35mm
VESA Hole	4*M8 800mm*600mm
Frame Material	Aluminum/Sheet Metal
Frame Color	Gray
Language	
OSD Menu	Simplified Chinese/English, etc
Accessories	

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Writing pen	*2
Remote Control	*1
Battery	*2
Expansion Screw	*8
Wall Mount	*1
User Manual	*1
Certificate of quality/Warranty card	*1
Power Cable	*1

3. Touch Frame Specifications

3.1 Product overview

- High precision of infrared touch frame,resolution by interpolation algorithm can be as high as 32768*32768;
- Support 20-point touch

3.2 Main parameter

Sensing Type	Infrared Touch
Surface Protection	3.2mm AG Toughened glass
Maximum touch points	20 点
Response Time	≤8ms
Interpolation Resolution	32768*32768
Touch Accuracy	±1mm
Minimum identifying object	2mm
Two-point identifying distance	＞18mm
Output Form	HID standard
Theoretical Clicks	Theoretical Clicks
Interface Type	USB 2.0 +UART
Working Voltage	DC+5V±5%

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Power	≤2.5W

3.3 Operating system and software

Multi-touch supported operating system	Multi-touch: Windows 7/8/10/11、Android
	Single-touch: Windows XP、Mac OS X、Chrome、Linux

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