

# 86" Smart Interactive Display

MW3586-U-E



## Features

- 4K UHD anti-glare display delivers images with extreme detail.
- Zero bonding technology between lcd panel and cover glass brings brighter viewing and smoother touching experience.
- Ultra-narrow and equal-width bezel design for perfect aesthetics.
- Minimalist geometric line design and smooth border outline, elegant and attractive.
- Dual Wi-Fi modules with both Wi-Fi and hotspot support.
- Dual-channel, 6-array speaker brings high-quality surround sound.
- High-precision infrared touch technology allows up to 20-point touch, realizing smooth co-authoring.
- Bluetooth 5.2 offers higher data transmission rate, and lower power consumption.
- 4K UI, mobile-level operation, just like use a mobile phone.
- A variety of quick tools, such as annotation, screenshot, etc., improve usability and interaction efficiency.
- Wireless screen mirroring from various operating systems such as Android, iOS and Windows to the display with one touch

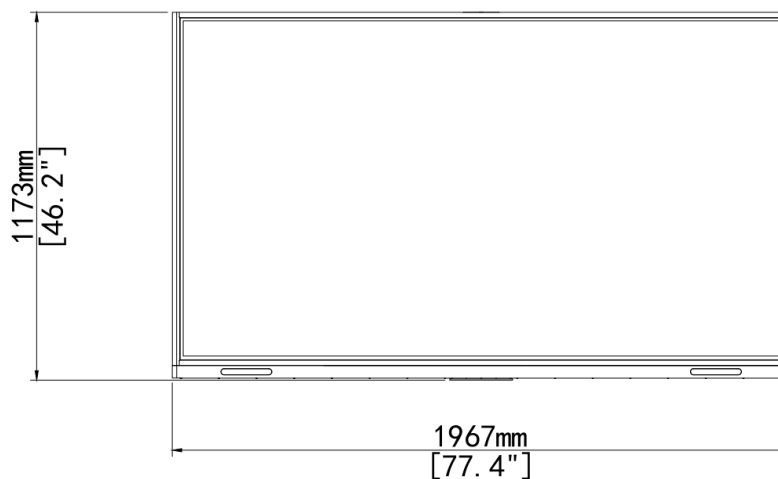
- Fast file transfer. Allows users to quickly transfer files to the display via a QR code.
- OTA remote upgrade. The system can be upgraded online without backing up data.

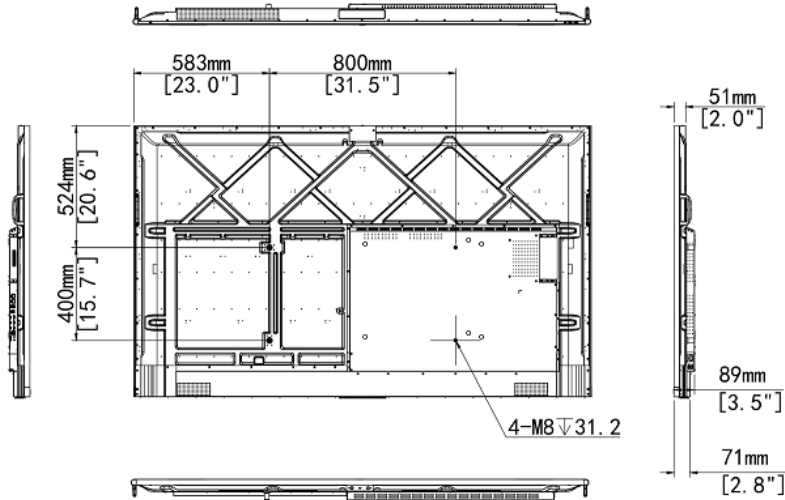
## Specifications

Panel	Description
Backlight	DLED backlight
Panel size	86 inches
Resolution	3840*2160
Brightness (cd/m <sup>2</sup> )	350
Contrast Ratio	1200:1
Response Time (ms)	8
Color Support	1.07B
Viewing Angle (H/V)	178° /178°
System	Description
CPU	RK3588: 4-core A76 (2.4G) + 4-core A55 (1.8G)
CPU Frequency	2.4GHz
RAM/ROM	DDR4: 8GB eMMC: 64GB
System Compatibility	Android 12.0
Touch	Description
Touch Control	Infrared touch screen, 20-point multi-touch at most
Touch Precision (mm)	± 1
Recognizable Object	5 points 2mm
Glass	4mm tempered glass, level 7 on Mohs hardness scale, anti-glare
Touch Response Time (ms)	≤ 10
Touchscreen Input	Opaque objects (e.g. finger, pen, etc.)
Interface	Description
Video Input	3*HDMI IN (4K@60)
Video Output	1*HDMI OUT (4K@60)
Audio Input	1*AUDIO IN
Audio Output	1*AUDIO OUT
Other Interfaces	1*RS232、 3* USB 3.0、 1* USB Type C、 1* USB Type B
Network	2*RJ 45,10M/100M/1000M adaptive Ethernet Interfaces
Audio	Description
Frequency domain	80Hz~20kHz
Speaker	Left channel 17W: 1*treble (8 Ω 5W) + 2*bass (4 Ω 6W) Right channel 17W: 1*treble (8 Ω 5W) + 2*bass (4 Ω 6W)
Wi-Fi	Description
WiFi Configuration	Wi-Fi6 + Wi-Fi5 dual-module, supports 5G/2.4G
WiFi Performance	30 m <sup>2</sup> coverage, 20m transmission distance in open space

Bluetooth	Description
Bluetooth Version	5.2
Bluetooth Performance	10m transmission distance in open space
OSD	Description
Multi-Language	24 (Simplified Chinese, Traditional Chinese, English, Japanese, Arabic, French, Spanish, Portuguese, German, Italian, Dutch, Polish, Korean, Catalan, Galician, Vietnamese, Bulgarian, Kazakh, Russian, Ukrainian, Thai, Uzbek, Hungarian, Croatian)
VESA	Description
Wall mount hole (mm)	800*400
Wall mount screw	4-M8 screw hole
General	Description
Power Supply	AC 100 to 240V, 50/60Hz
Overall Power Consumption (W)	≤365 (on without OPS)
Standby Power Consumption (W)	<0.5
Product Dimensions (W*H*D) (mm)	1967*1173*89
Package Dimensions (W*H*D) (mm)	2117*1336*247
Weight (Kg)	Net weight: 68.0 Gross weight:79.2
Operating Temperature	0 to 50° C
Operating Humidity	10% to 90% (non-condensing)
Storage temperature	-20 to 60° C
Storage humidity	0% to 95% (non-condensing)
Accessories Included	1*power cord、2*touch pen、1*quick guide

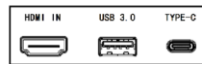
## Dimensions



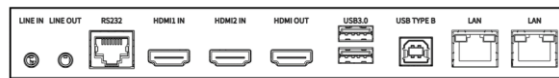


## Interface

Front interfaces:



Side interfaces:



## Ordering Information for Optional Accessories

Model	Remarks
HB-7199-CA08	Pluggable 4K Camera Microphone Module
HB-7199-MC04	Pluggable MIC Module
HB-7199-TP	Wireless screen sharing dongle
HB-4365	65" to 86" Wall mount
HB-8765-S	65" to 86" Mobile stand
HB-7099-M1	Pluggable PC module with i5 processor (Windows 10, not activated)
HB-7099-S1	Pluggable PC module with i7 processor (Windows 10, not activated)
LIS-WIN10-V	OS-Windows 10-1 to 1 license-IoT Enterprise Value version (with i5 processor OPS PC module)
LIS-WIN10-H	OS-Windows 10-1 to 1 license-IoT Enterprise High End version (with i7 processor OPS PC module)

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