

# 86" Smart Interactive Display

MW3586-U-C



## Features

- 4K UHD anti-glare display delivers images with extreme detail.
- Ultra-narrow and equal-width bezel design for perfect aesthetics.
- Dual Wi-Fi modules with both Wi-Fi and hotspot support.
- High-precision infrared touch technology allows up to 20-point touch, realizing smooth co-authoring.
- Multiple utility buttons on the front such as power, volume control, settings, etc.
- A variety of quick tools, such as annotation, screenshot, etc., with a floating ball, 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.
- Split-screen writing. The whiteboard allows independent writing on two split screens at the same time.

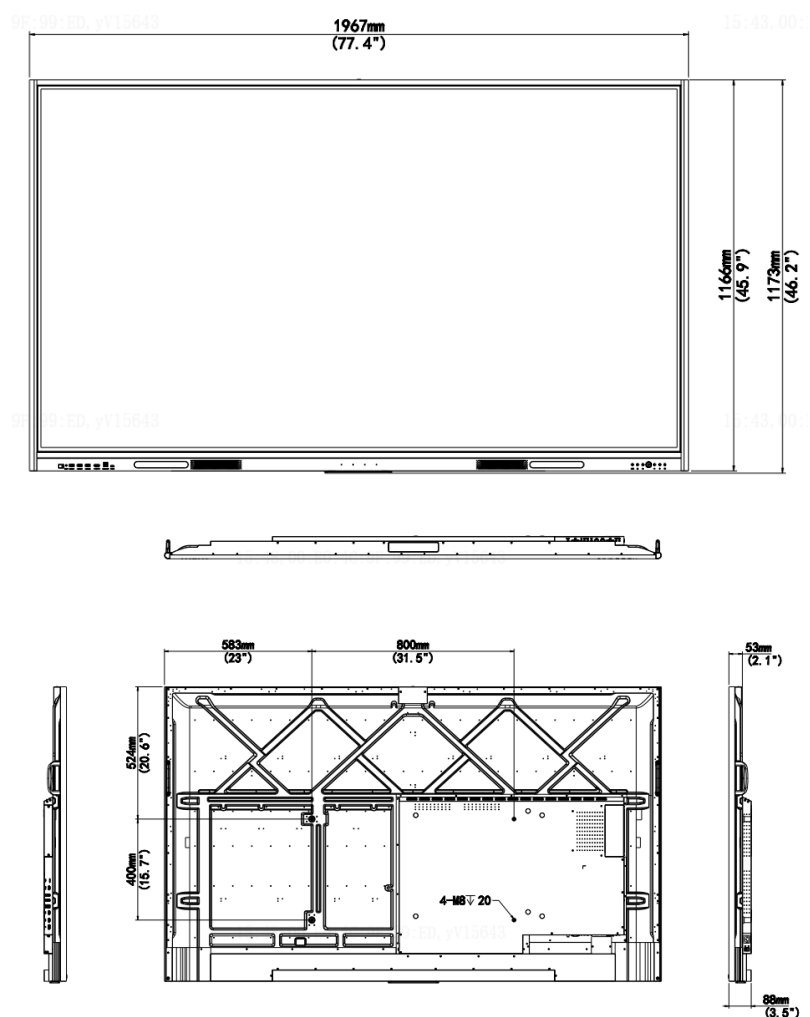
- The whiteboard supports the insertion of teaching tools such as compass and triangular ruler, making teaching easy and convenient.
- A variety of front interfaces, users can easily and quickly plug/unplug USB drives and other tools.
- OCR recognition. The whiteboard can automatically recognize text and graphics.

## 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	1.07 billion colors
Viewing Angle (H/V)	178° /178°
System	Description
CPU	Amlogic T982 4*A55 and Mali G52 GPU
CPU Frequency	1.9GHz
RAM/ROM	DDR4: 4GB eMMC: 32GB
System Compatibility	Android 11.0
Touch	Description
Touch Control	Contactless IR sensor, supports 20-point touch
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. fingers, pens)
Interface	Description
Video Input	3*HDMI IN(4K)、1*VGA IN、1*AV IN、1*YPbPr IN、1*DP IN
Video Output	1*AV OUT、1*HDMI OUT(4K)
Audio Input	1*MIC_IN
Audio Output	1*EARPHONE、1*coaxial audio output interface(COAX)
Other Interfaces	1*RS232、3*front USB 3.0、1*on-board USB 2.0、1*on-board USB 3.0、2*TOUCH USB、1*Type-C
Network	1*LAN OUT、1*LAN IN
Audio	Description
Speaker	Left channel : 1*treble (5W) + 1*bass (15W) Right channel : 1*treble (5W) + 1*bass (15W)
Wi-Fi	Description

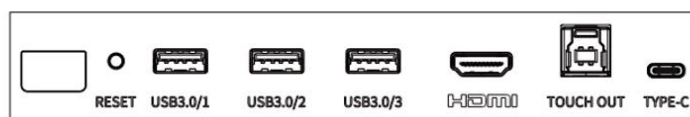
WiFi Configuration	Wi-Fi 5+Wi-Fi 6, supports 5G/2.4G
WiFi Performance	30m <sup>2</sup> coverage, 20m transmission distance in open space
Bluetooth	Description
Bluetooth Version	5.0
Bluetooth Performance	12m transmission distance in open space
OSD	Description
Multi-Language	24 (Simplified Chinese, Traditional 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)	342.2 (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: 82.0
Operating Temperature	0° C to 50° C
Operating Humidity	10% to 90% RH, non-condensing
Storage temperature	-20° C to 60° C
Storage humidity	0% to 95% RH, non-condensing
Accessories Included	1*power cable、2*touch pen、1*quick guide、1*IR remote controller、 1* wall mounting bracket

## Dimensions

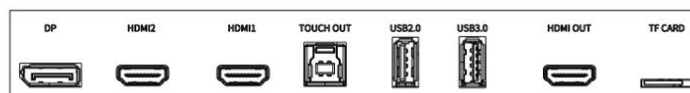


## Interface

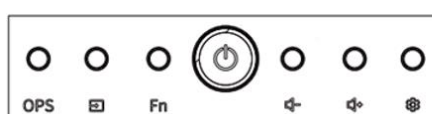
Front interfaces:



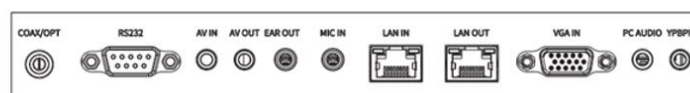
Side interfaces:



Front buttons:



Bottom 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-8765-S	65"-86" smart interactive display 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 (with i5 processor OPS module)
LIS-WIN10-H	OS-Windows 10-1-to-1 License-IoT Enterprise High End (with i7 processor OPS module)

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\*Product specifications and availability are subject to change without notice.