

# 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.

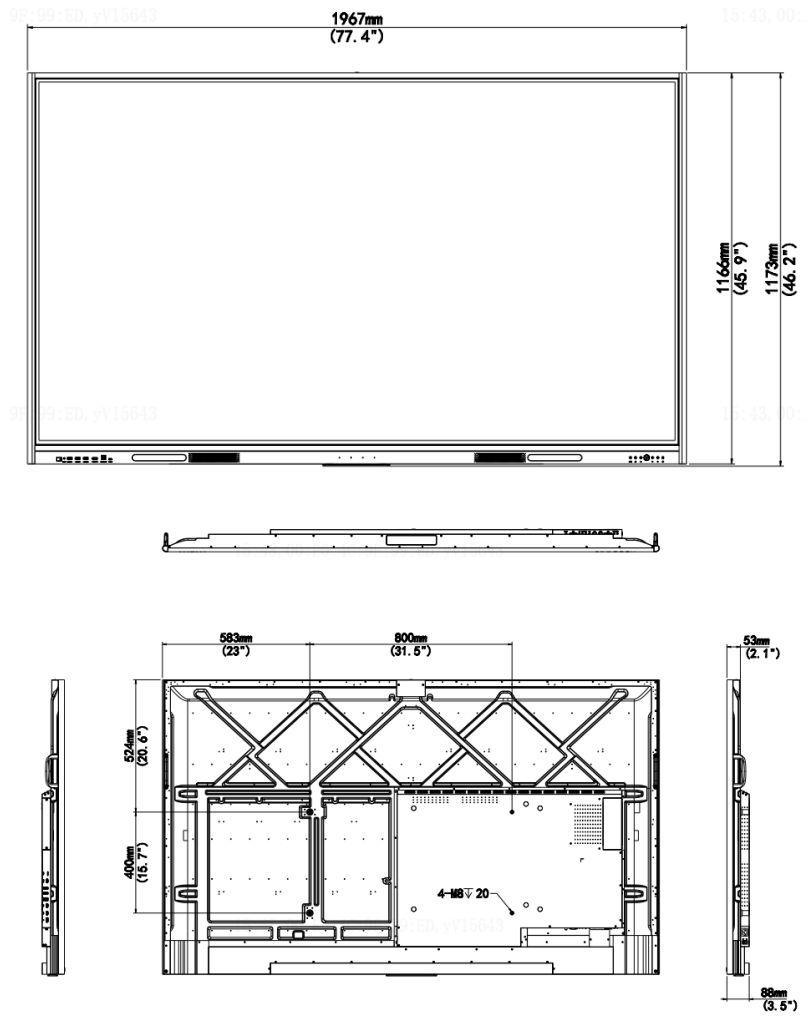
- The whiteboard supports the insertion of teaching tools such as compass and triangular ruler, making teaching easy and convenient.
- A variety of front interfaces, users can easily and quickly plug/unplug USB drives and other tools.
- OCR recognition. The whiteboard can automatically recognize text 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、1*TF CARD
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

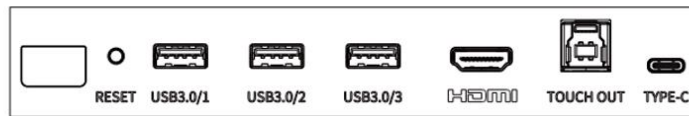
WiFi Configuration	Wi-Fi 5+Wi-Fi 6, supports 5G/2.4G
WiFi Performance	30m <sup>2</sup> coverage, 20m transmission distance in open space
<b>Bluetooth</b>	<b>Description</b>
Bluetooth Version	5.0
Bluetooth Performance	12m transmission distance in open space
<b>OSD</b>	<b>Description</b>
Multi-Language	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)
<b>VESA</b>	<b>Description</b>
Wall mount hole (mm)	800*400
Wall mount screw	4-M8 screw hole
<b>General</b>	<b>Description</b>
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

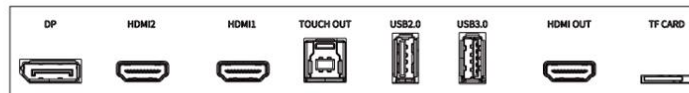


# Interface

Front interfaces:



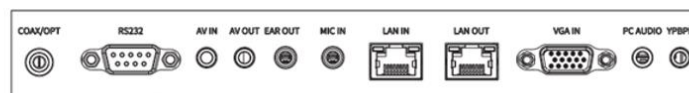
Side interfaces:



Front buttons:



Bottom interfaces:



## Ordering Information for Optional Accessories

Model	Remarks
HB-7199-TP	Wireless Screen Sharing Dongle
HB-4365	65 to 86-Inch Smart Interactive Display Wall Mounting Bracket
HB-T-FMC	65 to 86-Inch Smart Interactive Display Mobile Stand
HB-7099-M	Pluggable PC module with i5 processor (Windows 10, not activated)
HB-7099-S	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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