

# 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 32-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.

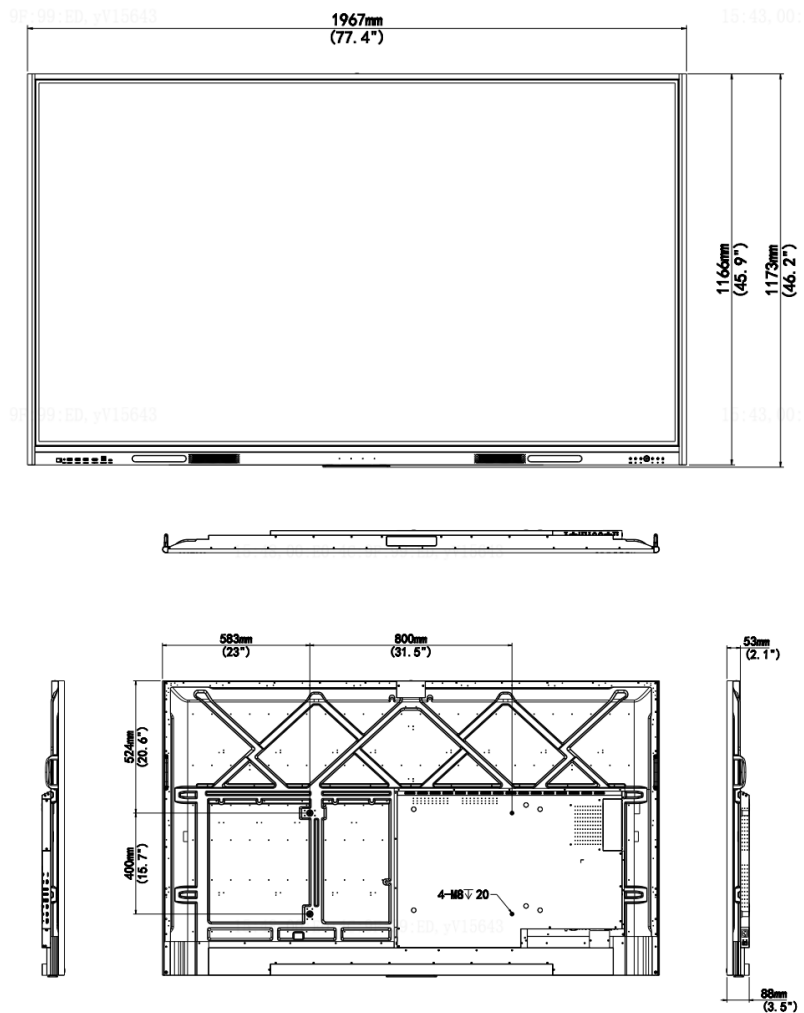
## Specifications

Panel	Description
Backlight	DLED backlight
Panel Size	86"
Resolution	3840 x 2160
Brightness (cd/m <sup>2</sup> )	350
Contrast Ratio	1200 : 1
Response Time (ms)	8
Viewing Angle (H/V)	178°/178°
Color Support	1.07 billion colors
Refresh rate (Hz)	60
Color gamut	72%
Lifespan	50000H
Surface Hardness	9H (7 on the Mohs scale)
Haze Value	25%
Display Size (mm)	1895.04 x 1065.96
Pixel Pitch (H x V) (mm)	0.49 x 0.49
System	Description
System Compatibility	Android 13.0
CPU	Amlogic T982 4 x A55 and Mali G52 GPU
CPU Frequency	1.9 GHz
RAM/ROM	DDR4: 4GB eMMC: 32GB
Touch	Description
Touch Control	Contactless IR sensor, supports 32-point touch, 20-point write
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)	≤6
Touchscreen Input	Opaque objects (e.g. fingers, pens)
Touch technology	Infrared touch

Interface	Description
Video Input	3 x HDMI IN (4K), 1 x VGA IN, 1 x AV IN, 1 x YPbPr IN, 1 x DP IN
Video Output	1 x AV OUT, 1 x HDMI OUT (4K)
Audio Input	1 x MIC_IN
Audio Output	1 x EARPHONE, 1 x coaxial audio output interface(COAX)
Other Interfaces	1 x RS232, 3 x front USB 3.0, 1 x on-board USB 2.0, 1 x on-board USB 3.0, 2 x TOUCH USB, 1 x Type-C, 1 x TF CARD
Network	1 x LAN OUT, 1 x LAN IN
Audio	Description
Speaker	Left channel: 1 x treble (5W) + 1 x bass (15W) Right channel: 1 x treble (5W) + 1 x bass (15W)
Wi-Fi	Description
Wi-Fi Configuration	Wi-Fi 5 + Wi-Fi 6, supports 5G/2.4G
Wi-Fi Performance	30m <sup>2</sup> coverage, 20m transmission distance in open space
Bluetooth	Description
Bluetooth Version	5.2
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 x 400
Wall Mount Screw	4-M8 screw hole
General	Description
Power Supply	AC 100 to 240 V, 50/60 Hz
Overall Power Consumption (W)	342.2 (without OPS)
Standby Power Consumption (W)	<0.5
Product Dimensions (W x H x D) (mm)	1967 x 1173 x 88
Package Dimensions (W x H x D) (mm)	2117 x 1336 x 247
Operating Temperature	0°C to 50°C

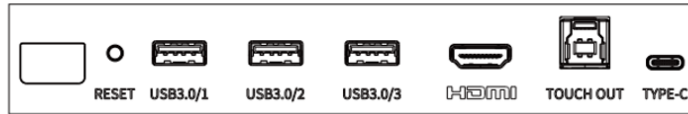
Weight (Kg)	Net weight: 68.0 Gross weight: 82.0
Operating Humidity	10% to 90% RH, non-condensing
Storage Temperature	-20°C to 60°C
Storage Humidity	0% to 95% RH, non-condensing
Accessories Included	1 x power cable, 2 x touch pen, 1 x quick guide, 1 x IR remote controller, 1 x wall mounting bracket
Certification	Description
Certification	Energy Star, CE LVD, CB, ERP, CE EMC, FCC, RCM, EAC

## Dimensions

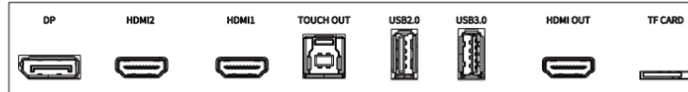


# Interface

Front interfaces:



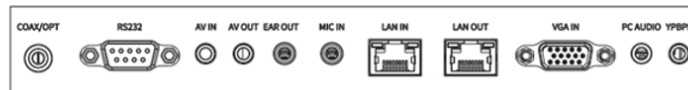
Side interfaces:



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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