

86 Inch Smart Interactive Display

MW3586-U-E2



Features

- 4K UHD anti-glare display delivers images with extreme detail.
- Zero lamination technology with less than 1mm gap between the cover glass and display panel effectively reduces light refraction and brings better visuals.
- Ultra-narrow and equal-width bezel design for perfect aesthetics.
- Minimalist geometric line design and smooth border outline, elegant and attractive.
- (Optional) Professional 4K HD camera for immersive remote collaboration.
- (Optional) Omni-directional 8-microphone array with 8-meter pickup distance.
- Dual Wi-Fi modules with both Wi-Fi and hotspot support for other mobile devices.
- Dual treble channels and dual bass channels provide cinematic sound effects.
- High-precision infrared touch technology allows up to 50-point touch, realizing smooth co-authoring.
- Bluetooth 5.2 offers higher data transmission rate and lower power consumption.
- Android 13.0 system offers user-friendly GUI.
- A variety of quick tools improve usability and interaction efficiency, such as annotation, screenshot, etc.
- 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 allows the system to be upgraded online.
- Supports NFC screen projection

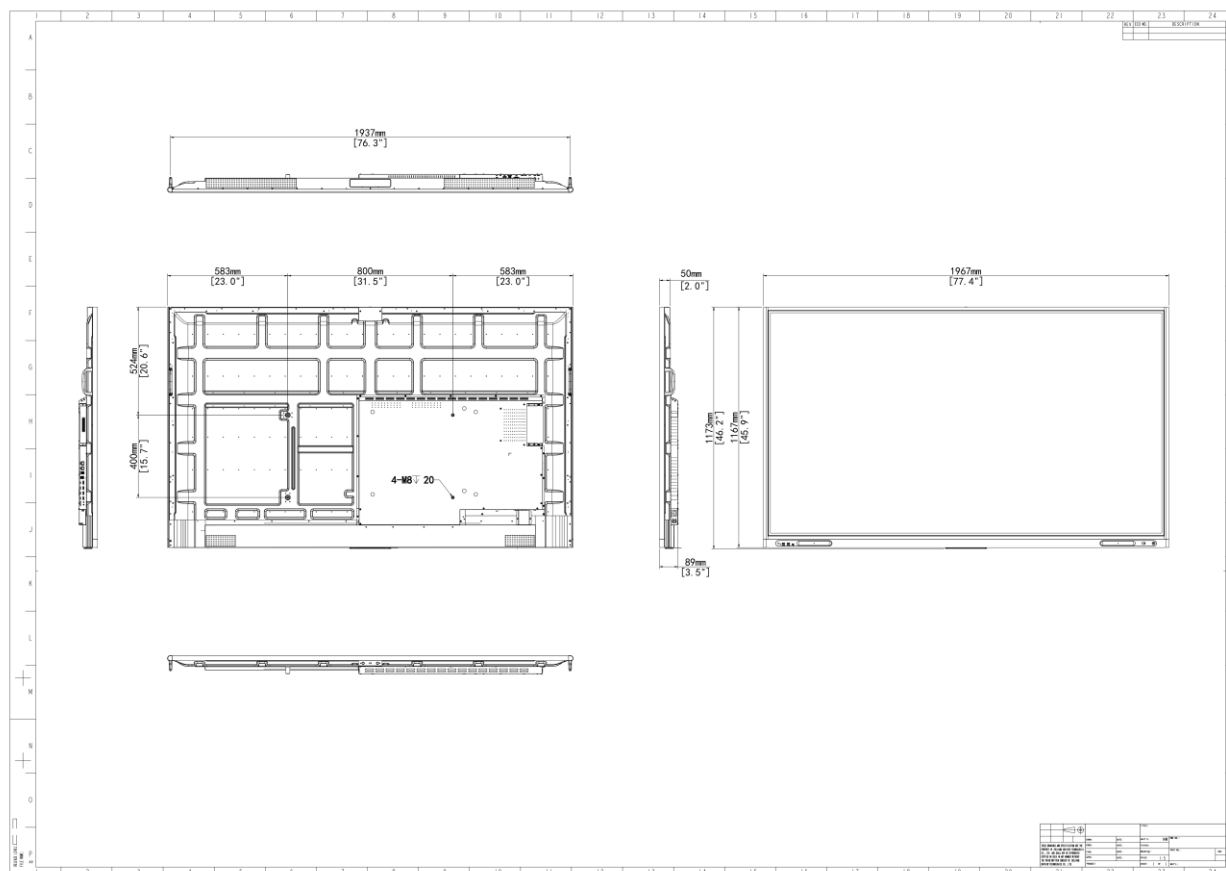
Specifications

Model	MW3586-U-E2
Panel	
Backlight	DLED Backlight
Panel Size	86"
Resolution	3840 × 2160
Brightness (cd/m²)	350
Contrast Ratio	1200 : 1
Response Time (ms)	8
Color Support	1.07B
Viewing Angle (H/V)	178°/178°
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 × 1065.96
Pixel Pitch (H x V) (mm)	0.49 × 0.49
Touch	
Touch Control	Contactless IR sensor, supports 50-point touch
Touch Precision (mm)	±1
Glass	4mm Single-side anti-glare tempered glass
Touch Response Time (ms)	≤ 2 (frame rate > 500Hz)
Touch technology	Infrared touch
Writing Specification	Supports 20-point writing
System	
CPU	RK3588: quad-core A76 (2.4G) + quad-core A55 (1.8G)
CPU Frequency	2.4 GHz
RAM/ROM	DDR4: 8GB eMMC: 128GB
Operation System	Android 13.0

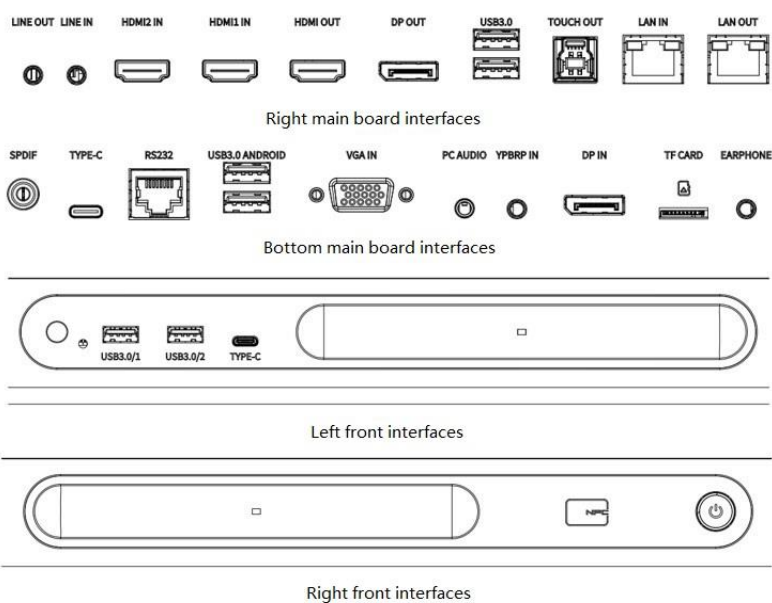
Interface	
Video Input	2 × HDMI video input 1 × DP video input 1 × VGA video input 1 × YPbPr video input 1 × USB TypeC (Include DP)
Video Output	1 × HDMI video output 1 × DP video output
Audio Input	1 × PC audio input, 3.5mm interface 1 × LINE IN, 3.5mm interface 1 × MIC (3.5mm & EARPHONE Shared interface)
Audio Output	1 × Earphone audio output, 3.5mm interface 1 × LINE OUT, 3.5mm interface 1 × SPDIF digital audio output (coaxial interface)
Other Interfaces	4 × USB3.0 1 × USB Type-B 1 × USB Type-C 1 × RS232 1 × TF card slot
Network	2 × RJ45, Supports 10M/100M/1000M Base-T self-adaptive
Front Interfaces	2 × front USB3.0 1 × Type-C
Audio	
Speaker	Left channel: 1 × treble (5W) + 1 × bass (12W) Right channel: 1 × treble (5W) + 1 × bass (12W)
Wi-Fi	
Wi-Fi Configuration	Wi-Fi 6 + Wi-Fi 5 dual modules, support 2.4GHz and 5GHz
Wi-Fi Performance	30m ² coverage, 20m transmission distance in open space
Bluetooth	
Bluetooth Version	5.2
Bluetooth Performance	10m transmission distance in open space
OSD	

Multi-Language	Supports 27 languages, including Simplified Chinese, Traditional Chinese, English, Japanese, Arabic, French, Spanish (ES-ES), Spanish (ES-MX), Portuguese (ES-ES), Portuguese (ES-MX), German, Italian, Dutch, Polish, Korean, Catalan, Galician, Vietnamese, Bulgarian, Kazakh, Russian, Ukrainian, Thai, Uzbek, Hungarian, Croatian, and Romanian
VESA	
Wall Mount Hole (mm)	800 × 400
Wall Mount Screw	4-M8 screw hole
General	
Power Supply	AC 100 to 240 V, 50/60 Hz
Overall Power Consumption (W)	≤365 (on without OPS)
Standby Power Consumption (W)	<0.5
Product Dimensions (W x H x D) (mm)	1967 × 1167 × 89
Package Dimensions (W x H x D) (mm)	2117 × 1336 × 247
Operating Temperature	0 to 50°C
Weight (Kg)	Net weight: 68.0 Gross weight: 79.2
Operating Humidity	10% to 90% (non-condensing)
Storage Temperature	-20 to 60°C
Storage Humidity	0% to 95% (non-condensing)
Accessories Included	1 × Power Cable, 2 × Touch Pen, 1 × Quick Guide, 1 × Infrared Remote Control, 1 × Wall Mount Bracket
Certification	
Certification	CE-EMC, CE-RED, CB/LVD, FCC, FCC-ID

Dimensions



Interface



Ordering Information for Optional Accessories

Model	Remarks
HB-CA08E	Pluggable 4K Camera And MIC 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-M	I5 Processor Pluggable PC Module(Win11 System is 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)
HB-T-FMC	65-86" Smart Interactive Display Mobile Stand
HB-T-TP4K	Wireless Screen Sharing Dongle
HB-T-SPEN	Smart PEN

Ordering Info

Product Model	Description
MW3586-U-E2	86 Inch Smart Interactive Display

Zhejiang Uniview Technologies Co., Ltd.

No. 369, Xietong Road, Xixing Sub-district, Binjiang District, Hangzhou City, 310051, Zhejiang Province, China (Zhejiang) Pilot Free Trade Zone, China

Email: overseasbusiness@uniview.com; globalsupport@uniview.com

<http://www.uniview.com>

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