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

Model	MW3586-U-E
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 x 1065.96
Pixel Pitch (H × V) (mm)	0.49 x 0.49
Touch	
Touch Control	Infrared touch screen, 20-point multi-touch at most
Recognizable Object	5 points 2mm
Touch Precision (mm)	±1
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.)
Touch technology	Infrared touch
System	
CPU	RK3588: 4-core A76 (2.4G) + 4-core A55 (1.8G)
CPU Frequency	2.4 GHz
RAM/ROM	DDR4: 8GB eMMC: 64GB
Operation System	Android 13.0
Interface	
Video Input	3 x HDMI IN (4K@60)
Video Output	1 x HDMI OUT (4K@60)
Audio Input	1 x AUDIO IN
Audio Output	1 x AUDIO OUT
Other Interfaces	1 x RS232, 3 x USB 3.0, 1 x USB Type C, 1 x USB Type B
Network	2 x RJ 45, 10M/100M/1000M adaptive Ethernet Interfaces
Audio	
Frequency Domain	80 Hz ～ 20k Hz
Speaker	Left channel 17W: 1 x treble (8Ω 5W) + 2 x bass (4Ω 6W)
	Right channel 17W: 1 x treble (8Ω 5W) + 2 x bass (4Ω 6W)
Wi-Fi	
Wi-Fi Configuration	Wi-Fi6 + Wi-Fi5 dual-module, supports 5G/2.4G
Wi-Fi Performance	30m² coverage, 20m transmission distance in open space
Bluetooth	
Bluetooth Version	5.2
Bluetooth Performance	10m transmission distance in open space
OSD	
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)

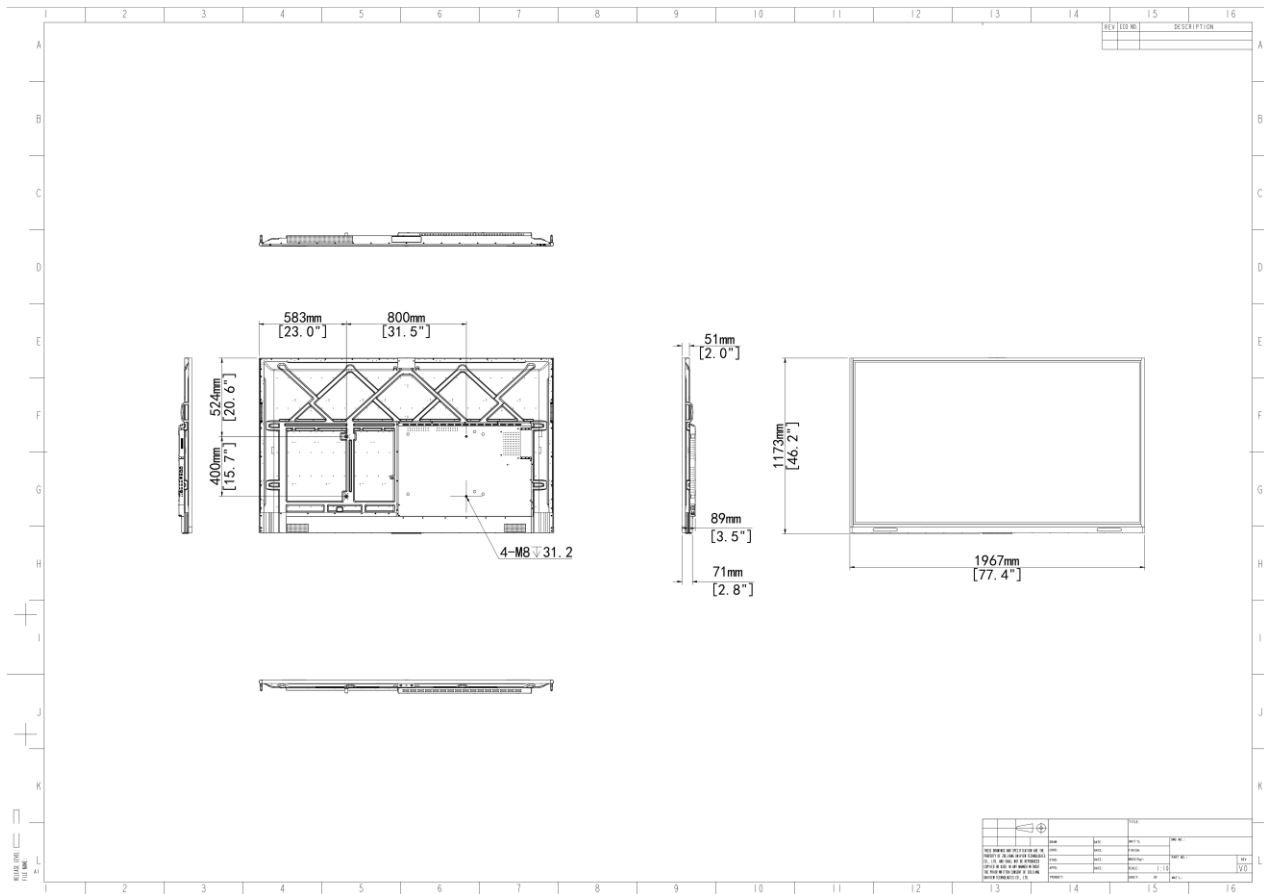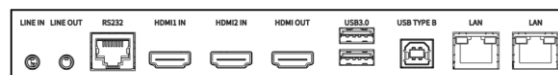| VESA	
Wall Mount Hole (mm)	800 x 400
Wall Mount Screw	4-M8 screw hole
General	
Power Supply	AC 100 to 240 V, 50/60 Hz
Overall Power Consumption (W)	≤365 (on without OPS)
Standby Power Consumption (W)	<0.5
Product Dimensions (W × H × D) (mm)	1967 x 1173 x 89
Package Dimensions (W × H × D) (mm)	2117 x 1336 x 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 x power cord, 2 x touch pen, 1 x quick guide
Certification	
Certification	CE-EMC,CE-RED,CB/LVD,FCC,FCC-ID,IC VOC,IC ID

Dimensions

Interface

Front interfaces:

HDMI IN   USB 3.0   TYPE-C

Side interfaces:

LINE IN LINE OUT RS232 HDMI1 IN HDMI2 IN HDMI OUT USB3.0 USB TYPE B LAN LAN

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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