

86 Inch Smart Interactive Display

MW3586-U-XE



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 visual effect.
- Minimalist geometric line design and smooth border outline, elegant and attractive.
- 48MP camera module with AI functions offers extraordinary meeting experience.
- High-precision infrared touch technology allows up to 32-point touch and 20-point writing.
- Bluetooth 5.2 offers higher data transmission rate and lower power consumption.
- Android 16.0 system with EDLA certificated offers user-friendly and easy-to-use GUI.
- A variety of quick tools, such as annotation, screenshot, etc., improves 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 allows the system to be upgraded online without backing up data.
- OCR recognition. The whiteboard can automatically recognize text and graphics.

Specifications

Model	MW3586-U-XE
Panel	
Panel Size	86"
Resolution	3840 × 2160
Brightness (cd/m ²)	400
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
Haze Value	25%
Display Size (mm)	1895.04 x 1065.96
Pixel Pitch (H × V) (mm)	0.49 x 0.49
System	
CPU	Quad-core A76 + Quad-core A55
GPU	ARM Mali-G610 MC4
RAM/ROM	DDR4: 8GB eMMC:128GB. Supports M.2 slot on board, expandable up to 1TB SSD
CPU operating frequency	2.4GHz + 1.8GHz
Operation System	Android 16.0
Touch	
Touch Control	Contactless IR sensor, Supports 32-point touch, 20-point write (40-point touch in Windows system)
Recognizable object (mm)	2
Touch Accuracy (mm)	±1
Glass	4mm tempered glass,9H, anti-glare
Response time (ms)	≤5
Input method	Opaque objects (e.g. fingers, pens)
Interface	
Video Input	3 x HDMI IN (Front x 1; Rear x 2;) 1 x DP IN 1 x VGA 1 x YPbPr
Video Output	1 x HDMI OUT 1 x DP OUT
Audio Input	1 x PC Audio, 3.5mm interface 1 x Audio IN, 3.5mm interface
Audio Output	1 x earphone, 3.5mm interface 1 x Audio OUT, 3.5mm interface
Other Interfaces	1 x SPDIF, 1 x RS232, 4 x USB 3.0, 3 x USB 2.0 (Front x 3), 2 x USB Type-C (Front x 1, DP IN (4K@60 fps); Rear x 1;), 2 x TOUCH OUT (Front x 1; Rear x 1;), 1 x TF Card Slot
Network	2 x RJ45, supports 10M/100M/1000M Base-T self-adaptive
Front Button	Power button, Input, Volume -, Volume +, Settings, Eye protection, Annotation, Windows restore
Audio	

Speaker	2.1 sound channel 2 × 20 Watt + 20 Watt loudspeaker built-in
Camera	
Camera	48MP Android: Pixel 8MP for Photos & 2MP for Video Windows: Pixel 48MP for Photos & 8MP for Video
viewing angle	118.3°(D), 99.2°(H), 69.7°(V)
Microphone array	8
Pickup distance (m)	Far-field sound pickup:8-12m
Smart function	Auto Framing; Speaker Tracking
Wi-Fi	
Wi-Fi Configuration	Dual-module design, 5 antennas, 802.11b/g/n/a/ac/ax, supports BT5.2.
Wi-Fi Performance	Up to 20m transmission distance in open space
Bluetooth	
Bluetooth Version	5.2
OSD	
Multi-Language	23 (Simplified Chinese, Traditional Chinese, Japanese, German, English, Spanish, French, Italian, Portuguese, Russian, Korean, Vietnamese, Ukrainian, Hungarian, Polish, Thai, Arabic, Kazakh, Bulgarian, Galician, Catalan, Uzbek, Indonesian, Nepali)
NFC	
NFC	Support screen mirroring by Android phones
VESA	
Wall Mount Hole (mm)	800 x 400
Wall Mount Screw	4-M8 screw hole, hole depth 20mm
General	
Operating Voltage	AC 100V to 240 V, 50/60 Hz
Overall Power Consumption (W)	≤236 (without OPS)
Product Dimensions (W × H × D) (mm)	1969.8 x 1169 x 115.9
Package Dimensions (W × H × D) (mm)	2085 x 1276 x 220
Operating Temperature	0°C to 50°C
Operating Humidity	10% to 90% RH (noncondensing)
Accessories Included	1 x power cable, 2 x touch pen, 1 x quick guide, 1 x wall mount bracket, 1 x remote control, 5 x rod antenna
Weight (kg)	Net weight: 60 Gross weight: 81

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