All-in-One Conference System [55/65/75/86/98/110-inch Display + Camera + Array Microphone]

VM-A1065/VM-A1075/VM-A1086/VM-A1098/VM-A1110



Functional description:

1. Features 55/65/75/86/98/110-inch touchscreens with 4K resolution display, offering anti-glare and fingerprint-resistant properties that withstand strong light.

2. With 2mm touch precision, it enables high-speed writing that feels natural and fluid. Intelligent nib optimization ensures strokes flow seamlessly, allowing handwriting to return to its authentic simplicity.

3. One-click sharing of meeting content enables quick distribution of written materials via QR code scanning or email, significantly boosting efficiency.

4. Freely annotate on any interface; the whiteboard supports simultaneous writing by up to 20 users.

5. Supports wireless screen mirroring from laptops/desktops/phones/tablets, with split-screen (2-pane/4-pane) functionality for more intuitive solution comparisons.

6. Features highly efficient collaborative office capabilities, supporting both software and hardware video conferencing. Enables seamless remote collaboration, large-scale multi-screen interaction, and synchronized display of touch-enabled writing on large screens.

7. Features a high-performance Amlogic T982 quad-core Cortex-A55 CPU, Mali-G52 GPU, 4GB RAM, and 32GB storage; runs Android 14.0.

8. Built-in 16-megapixel camera, operating voltage DC5V, operating power consumption ≥1W, high-definition CMOS sensor, resolution 1920*1080p, wide-angle fixed focus;

9. Features an array of 8 built-in microphone capsules with an integrated audio processor, powered by a quad-core digital processing chip. Delivers high-performance acoustic echo cancellation (AEC), high signal-to-noise ratio, and low noise level of 3μVrms, ensuring high-fidelity audio output.

Technical specifications:

	VM-A1055	VM-A1065	VM-A1075	VM-A1086	VM-A1098	VM-A1110
Motherboard Interface	HDMI IN*2, USB 3.0*1, USB 2.0*1, RS232*1, RJ45*1, CVBS IN*2, CVBS OUT*1, RCA OUT*1, 3.5mm Audio Output*1	HDMI IN*2, USB 3.0*1, USB 2.0*1, RS232*1, RJ45*1, CVBS IN*2, CVBS OUT*1, RCA OUT*1, 3.5mm Audio Output*1	HDMI IN*2, USB 3.0*1, USB 2.0*1, RS232*1, RJ45*1, CVBS IN*2, CVBS OUT*1, RCA OUT*1, 3.5mm Audio Output*1	HDMI IN*2, USB 3.0*1, USB 2.0*1, RS232*1, RJ45*1, CVBS IN*2, CVBS OUT*1, RCA OUT*1, 3.5mm Audio Output*1	HDMI IN*2, USB 3.0*1, USB 2.0*1, RS232*1, RJ45*1, CVBS IN*2, CVBS OUT*1, RCA OUT*1, 3.5mm Audio Output*1	HDMI IN*2, USB 3.0*1, USB 2.0*1, RS232*1, RJ45*1, CVBS IN*2, CVBS OUT*1, RCA OUT*1, 3.5mm Audio Output*1
Display area	1209.6 (H) * 680.4 (V) mm	1428.48 (H) * 803.52 (W) mm	1650.24 (H) * 928.26 (W) mm	1895.04 (H) *1065.96 (V) mm	2158.848 (H) *1214.352 (V) mm	2436.48 (H) *1370.52 (V) mm
Point spacing	0.105 mm * 0.315 mm	0.105 mm * 0.315 mm	0.105 mm * 0.315 mm	0.105 mm * 0.315 mm	0.105 mm * 0.315 mm	0.105 mm * 0.315 mm
Optimal Resolution	3840*2160	3840*2160	3840*2160	3840*2160	3840*2160	3840*2160
Brightness	350 cd/m²	350 cd/m²	350 cd/m²	350 cd/m²	350 cd/m²	350 cd/m²
Contrast	3000:01:00	3000:01:00	3000:01:00	3000:01:00	3000:01:00	3000:01:00
Viewing angle	178°	178°	178°	178°	178°	178°
Response time	8ms	8ms	8ms	8ms	8ms	8ms
Screen aspect ratio	16:09	16:09	16:09	16:09	16:09	16:09
Gray Scale Resolution	> 128 grayscale	> 128 grayscale	> 128 grayscale	> 128 grayscale	> 128 grayscale	> 128 grayscale

Level						
Screen Display Color Gamut Coverage	>90% under NTSC standard	>90% under NTSC standard	>90% under NTSC standard	>90% under NTSC standard	>90% under NTSC standard	>90% under NTSC standard
Screen Surface Hardness	≥9H	≥9H	≥9H	≥9H	≥9H	≥9H
Dimensions of bare unit	1263.6 (L) × 772.6 (H) × 87.9 (D) mm	1485 (Length) * 887.58 (Height) * 92.0 (Thickness)	1707.16 (L) × 1012.72 (H) × 92.0 (D) mm	1953.3 (Length) × 1151.42 (Height) × 93.0 (Thickness) mm	2216.8 (L) × 1317.3 (H) × 108.7 (D) mm	2500.8 (Length) × 1473.7 (Height) × 108.7 (Thickness) mm
Package Dimensions	1350 (L) × 870 (H) × 190 (D) mm	1626 (L) × 1060 (H) × 200 (D) mm	1847 (L) × 1185 (H) × 205 (D) mm	2101 (Length) × 1338 (Height) × 220 (Thickness) mm	2430 (L) × 1530 (H) × 245 (D) mm	2665 (L) × 1595 (H) × 298 (D) mm
Installation Method	Wall-mounted, vertical landscape orientation	Wall-mounted, vertical landscape orientation	Wall-mounted, vertical landscape orientation	Wall-mounted, vertical landscape orientation	Wall-mounted, vertical landscape orientation	Wall-mounted, vertical landscape orientation
Power	≦220W	≦220W	≦280W	≦380W	≦420W	≦650W
Operating Voltage	100V-240VAC, 50/60Hz	100V-240VAC, 50/60Hz	100V-240VAC, 50/60Hz	100V-240VAC, 50/60Hz	100V-240VAC, 50/60Hz	100V-240VAC, 50/60Hz
Speaker	8Ω10W*2	8Ω10W*2	8Ω10W*2	8Ω10W*2	8Ω10W*2	8Ω10W*2
Net Weight/Gross Weight	Approximately 85 kg/95 kg	Approximately 85 kg/95 kg	Approximately 65 kg/73 kg	Approximately 85 kg/95 kg	Approximately 120 kg / 152 kg	Approximately 130 kg/180 kg

Technical Specifications for Infrared Touch Frame:	
Resolution	32768 (E) * 32768 (D)
Number of touch points	Windows driver-free: 40 points Android driver: 40 points
Touch accuracy	±2mm
Response time	4 ms to 12 ms
Objects that can be recognized	≥Φ5mm non-transparent objects
Light transmittance	Tempered glass 90%
Operating Voltage	DC 5V
Operating power consumption	≥1W
Operating Temperature	0°C to 60°C