Semi-Automatic LED All-in-One Conference Display

Semi-Automatic LED All-in-One Conference Display - Product Introduction

The electric-lift, manually foldable LED conference display is a next-generation device integrating high-definition visuals, multiple size and pixel pitch options, and intelligent controls. It overcomes the pain points associated with traditional LED conference displays—such as bulkiness, complex installation, and transport difficulties—by utilizing a lightweight design featuring electric lifting and manual folding mechanisms. Ready to use upon plugging in, it supports COB/GOB technologies for superior protection and is widely applicable in settings such as conference rooms, broadcast studios, and classrooms.

Electric lift mechanism; maximum screen height of 900mm from the floor.

Deeply customized based on Android 13, featuring a rich app ecosystem and exceptional expandability.

Supports local and online HD video playback, including 4K HDR format decoding.

Optional OPS industrial PC available; supports dual-system switching (Windows/Android) and peripherals such as infrared touch (in non-folded mode), cameras, microphones, and wireless casting devices.

High contrast ratio of up to 12,000:1 (compared to the standard 800:1 for LCDs); color gamut coverage exceeds 110% of DCI-P3.

COB surface light source technology significantly reduces moiré patterns compared to SMD processes and offers a viewing angle of up to 175 degrees.

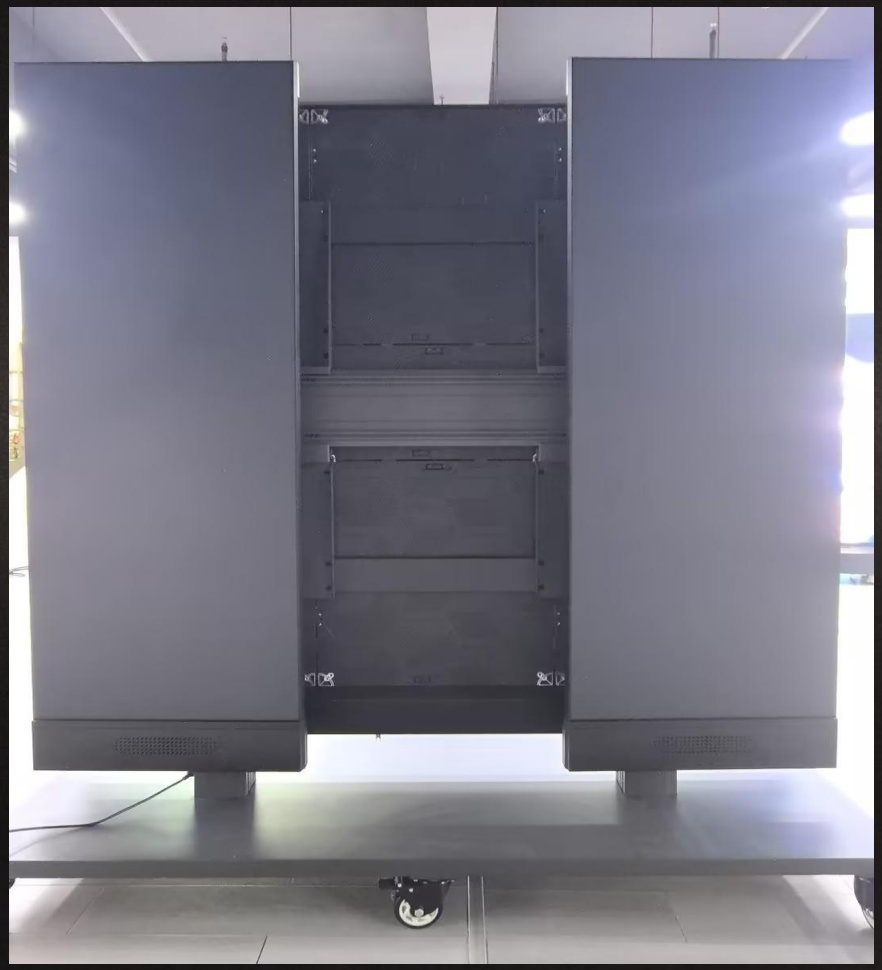
Supports customization for high brightness (1200 cd/m²), high refresh rates (3840Hz/7680Hz), and high grayscale depth (14-bit native, 22-bit via software).

Supports wireless screen casting across multiple platforms (Windows, Mac, iPhone/iPad, Android) and HTML5 browser compatibility.

User-friendly installation and maintenance; ready to use upon startup—no assembly of cabinets or modules and no internal wiring required.

Electric Lift and Fold All-in-One Conference Display - Appearance

Front view



Rear view

Mobile/Wall-Mounted All-in-One Conference Display–Specifications

Model	108-inch			
Pixel Pitch	0.93	1.25	1.56	1.87
Manufacturing Process	COB	COB/GOB	COB/GOB	GOB
Display Resolution	2560*1440	1920*1080	1536*864	1280*720
Android Version	Android 13.0	Android 11.0		
Memory/Storage	8GB/64GB	4GB/32GB		
Input Interfaces	2×HDMI 2.0 2×USB3.0； 1×USB2.0	1×HDMI 1.3， 2×USB2.0		
Audio	Supported			
Optional Accessories	OPS / IR Touch / Screen Casting Device / Camera			
Unfolded dimensions (mm)	2400(W)*1650~2350(H)*800(D)			
Folded dimensions (mm)	1250(W)*1650(H)*800(D)			
Lifting height (mm)	700mm			
Refresh Rate (Hz)	≥3840/7680			
Brightness (cd)	600cd (COB optional 1200cd)			
Max Power Consumption (W)	≤2050			
Average Power Consumption (W)	≤450			
Packaging dimensions (mm)	1300(W)*1700(H)*900(D)			
Weight (kg)	Approx. 180			

Mobile/Wall-Mounted All-in-One Conference Display–Specifications

Model	135-inch			
Pixel Pitch	0.93	1.25	1.56	1.87
Manufacturing Process	COB	COB/GOB	COB/GOB	GOB
Display Resolution	3200*1800	2400*1350	1920*1080	1600*900
Android Version	Android 13.0	Android 11.0		
Memory/Storage	8GB/64GB	4GB/32GB		
Input Interfaces	2×HDMI 2.0 2×USB3.0； 1×USB2.0	1×HDMI 1.3， 2×USB2.0		
Audio	Supported			
Optional Accessories	OPS / IR Touch / Screen Casting Device / Camera			
Unfolded dimensions (mm)	3000(W)*1988~2688(H)*800(D)			
Folded dimensions (mm)	1850(W)*1988(H)*800(D)			
Lifting height (mm)	700mm			
Refresh Rate (Hz)	≥3840HZ/7680HZ			
Brightness (cd)	600cd (COB optional 1200cd)			
Max Power Consumption (W)	≤3200			
Average Power Consumption (W)	≤800			
Packaging dimensions (mm)	1900(W)*2140(H)*900(D)			
Weight (kg)	Approx. 210			

Mobile/Wall-Mounted All-in-One Conference Display–Specifications

Model	162-inch			
Pixel Pitch	0.93	1.25	1.56	1.87
Manufacturing Process	COB	COB/GOB	COB/GOB	GOB
Display Resolution	3840*2160	2880*1620	2304*1296	1920*1080
Android Version	Android 13.0		Android 11.0	
Memory/Storage	8GB/64GB		4GB/32GB	
Input Interfaces	2×HDMI 2.0 2×USB3.0； 1×USB2.0		1×HDMI 1.3 2×USB2.0	
Audio	Supported			
Optional Accessories	OPS / IR Touch / Screen Casting Device / Camera			
Unfolded dimensions (mm)	3600(W)*2325~3025(H)*800(D)			
Folded dimensions (mm)	2450(W)*2325(H)*800(D)			
Lifting height (mm)	700mm			
Refresh Rate (Hz)	≥3840HZ/7680HZ			
Brightness (cd)	600cd (COB optional 1200cd)			
Max Power Consumption (W)	≤4700			
Average Power Consumption (W)	≤1100			
Packaging dimensions (mm)	2600(W)*2550(H)*900(D)			
Weight (kg)	Approx. 280			

Mobile/Wall-Mounted All-in-One Conference Display–API Description

No.	Icon	Label	Description
1		**Power Button**	Press to power on the device. Press and hold to power off the device.
2		**USB 2.0 Port**	USB 2.0 port for USB flash drive playback and firmware upgrades.
3		**USB 3.0 (Type-A) Port**	USB 3.0 Type-A port for USB flash drive playback and firmware upgrades.
4		**HDMI Output**	HDMI 1.4 output supporting resolutions up to **1920 × 1080 @ 60 Hz**.
5		**S/PDIF Output**	Digital audio output.
6		**3.5 mm Audio Output**	Analog audio output (3.5 mm).
7		**RS-232 Control Port**	RS-232 serial control interface for remote device control.
8		**RJ45 Ethernet Port**	Connect to a LAN or directly to the LED display for network access and remote control.
9		**Standby / Wake**	Press to enter standby mode. Press again to wake the device.
10		**Input Source**	Press to switch the input source. Repeatedly press to cycle through all available sources.
11		**Brightness**	Press to adjust the display brightness.
12		**Power LED**	**Red:** Device is powered on and operating normally.
13		**Signal LED**	**Blue:** Signal transmission is normal.
14	/	**AC Power Cable Entry**	Cable entry for a **3 × 2.5 mm²** AC power cable.