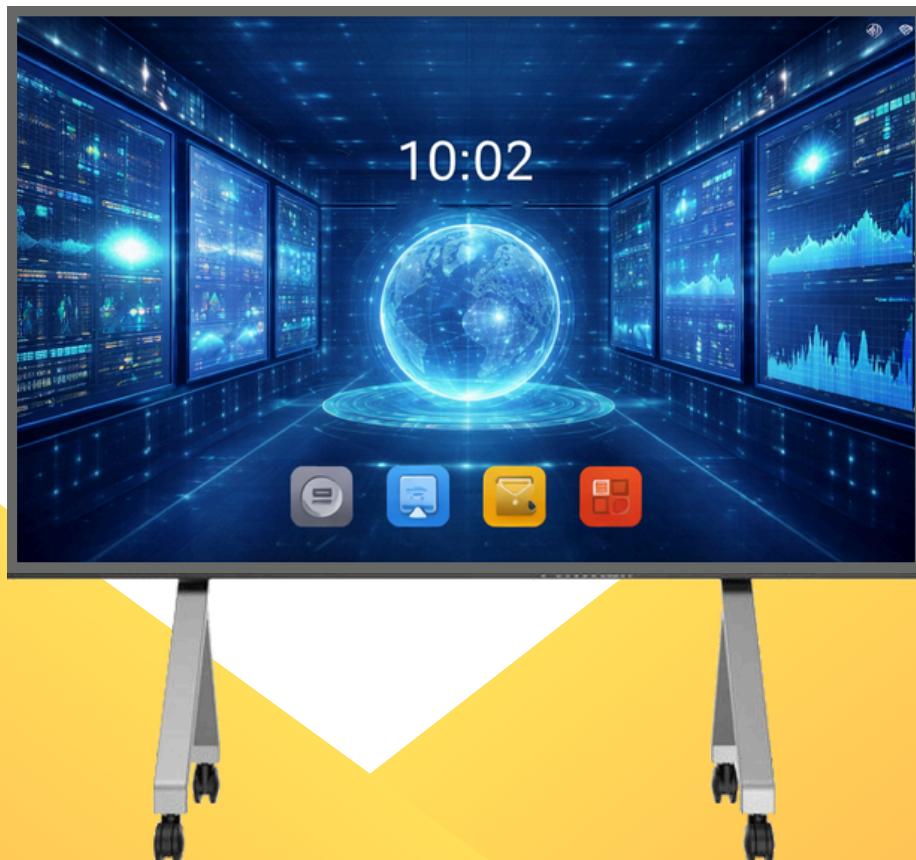# All-in-One LED Display

TRI-AIO-COB12-108

Large venues | Live events & performing arts | Auditorium | planetarium | Network Operation Centers

Description :

An All-in-One LED Display is a fully integrated, large-format LED screen that combines the display panel, control system, power supply, speakers, and smart operating system into a single unit. Designed for easy installation and plug-and-play operation, it delivers a seamless, high-resolution viewing experience with a slim and premium appearance.

Product Features :

- Full flip-chip COB packaging
- EBL+ multilayer optical processing technology
- Quick disassembly and assembly
- Android 13.0, octa-core processor, high performance

TRI-AIO-COB12-108
Technical specifications

Parameter		Value
Basic Parameters	Size (inch)	108
	Display Ratio	16:9
	Resolution (W*H)	1920 (H) x1080(V)
	Pixel Pitch (mm)	1.25
	Visible Area (m²)	3.24
	Dimensions (mm)	2411 × 1476 × 30.4
	Thickness (mm)	30.4 (without wall-hung) / 52.4 (with wall-hung)
	Planeness (mm)	≤ 0.1
	Weight (kg)	80
	Material	Die-cast Aluminum
	Border Material / Colour	Aluminum Profile / Black
	Maintenance	Front
	Installation Method	Wall-mounting / Mobile stand
Display Parameters	LED Type	COB
	LED Life Time (Hrs)	≥ 100000
	Horizontal / Vertical Viewing Angle (degree)	H: 170° / V: 160°
	Brightness (cd/m²)	600 (adjustable)
	Refresh Rate (Hz)	3840
	Video Frame Rate (Hz)	50 / 60
	Processing Depth (bit)	19
	Contrast Ratio	10000 : 1
	Color Temperature (K)	2000K – 9500K
	Pixel Level Brightness Calibration	Support
	Pixel Level Color Calibration	Support
	Brightness Uniformity	≥ 98%
	Color Uniformity	±0.003 Cx, Cy or less
Mainboard Parameters	Operating System	Android 13.0
	CPU	Cortex A73 × 4 + A53 × 4
	RAM / ROM	8GB DDR4 / 64GB
	Interface	SPDIF × 1 / USB 2.0 × 1 / HDMI IN × 2 / USB 3.0 × 3 / USB-D × 1 / Audio out × 1/ LAN × 2 / RS232 × 1
	WiFi	WiFi 5 + WiFi 6 (Dual WiFi)

For the most current specification information, please visit tri-star.co.in

TRI-AIO-COB12-108
Technical specifications

Parameter		Value
Speaker	Bluetooth	5.0
	Remote Control	Support
	Fixed Mode	Built-in
	Rated Power	20W × 2
Operation Parameters	Input Voltage	AC 100V – 240V, 50–60Hz
	Standby Power Consumption (W)	≤ 0.8
	Average Power Consumption (W)	524
	Peak Power Consumption (W)	892
	Operating Temperature / Humidity	−10°C ~ +45°C / 10–80% RH
	Storage Temperature / Humidity	−20°C ~ +50°C / 10–70% RH

PRODUCT ACCESSORIES :

Category Of Accessories	Name	Quantities
Standard Fittings	Remote Controls	1 PC
	U-disk	1 PC
	Manual Vacuum Suction Cup	1 PC
	Spare Parts Module	2 PCS
	Other Spare Parts	Several (see shipment list for details)
	Warranty Card	1 PC
	Certificate	1 PC
	Instructions	1 PC
Optional Accessories	Mobile Bracket	1 PC
	Dongle (Type-C)	Choose according to the required quantity

For the most current specification information, please visit tri-star.co.in