B SERIES

Business Signage Displays

AVOCOR B SERIES DATASHEET

43" | 50" | 55" | 65" | 75" | 86"

OVERVIEW

Capture attention and drive engagement with the Avocor B Series, a versatile family of business signage displays built for performance and flexibility.

Available in sizes from 43" to 86", each display features slim, symmetrical bezels and delivers stunning 4K clarity with 700 nits of brightness, ensuring vivid, impactful visuals in any interior environment.

Engineered for future-ready deployments, the B Series displays support dual HDMI 2.0 inputs and an OPS slot for seamless integration with leading media players. A powerful Android SoC with ample onboard memory enables smooth, reliable playback of even the most demanding content, keeping your signage running flawlessly around the clock.

Designed for 24/7 operation in both portrait and landscape orientations, the B Series displays combine lightweight construction with standard VESA mount compatibility and an ADA-compliant wall mount for quick, straightforward installation.

Sleek, powerful, and easy to deploy, it's the display built to elevate your digital signage strategy.

SOLUTION
Highlights

Brilliant 4K Performance in Any Interior Environment
Deliver crystal-clear visuals with high brightness for challenging indoor light conditions, wide color gamut (≥90% DCI-P3) for vivid imagery, and sleek narrow bezels for a modern, symmetrical display in either portrait or landscape orientation.

Flexible, Future-ready Design
Easily integrate with a pair of HDMI 2.0 inputs and an OPS slot, and enjoy smooth playback powered by a robust SoC and ample native memory for multiple applications.

Simple, Smart, and Easy to Deploy
Designed for hassle-free installation with lightweight construction, standard VESA mount patterns, and an ADA-compliant wall mount. Get up and running quickly with Avocor FUSE remote device management software.

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SPECIFICATIONS

DISPLAY	AVB-4310	AVB-5010	AVB-5510	AVB-6510	AVB-7510	AVB-8610
Size	43"	50"	55"	65"	75"	86"
Backlight	Direct-lit LED					
Aspect Ratio	16:9					
Resolution	4K (3840 x 2160 px)					
Response Time	6.5ms					
Brightness	700nit					
Contrast Ratio	4000:1	1200:1	4000:1	4000:1	4000:1	4000:1
Viewing Angle	178° / 178°					
Supported Colors	1.07G (8 Bit+FRC) | ≥90% DCI-P3 / 85% NTSC Color Accuracy					
Operation Time	24 hours x 7 days					
Display Orientation	Landscape / Portrait					
Anti-glare Glass	25% Haze					
TOUCH SYSTEM						
Interface	Non-touch					
CPU						
CPU	Cortex A72*4 + Cortex A53*4					
GPU	ARM Mali G52 MC3 GPU					
RAM/ROM	8G RAM / 32G ROM					
Android version	Android 14					
CONNECTIVITY						
Inputs	2 x HDMI (2.0), 1 x USB-A 3.0, 1 x USB-B (Service port)					
Outputs	1 x HDMI 2.0 Out (Supports 4K @ 60Hz, 1920 x 1080 @ 60Hz)					
Audio Outputs	1 x S/PDIF Out (Opt), 1 x 3.5mm (Line Out)					
Control	RJ45 LAN (1/100/1000Mbps) + RS232 (DB9 female)					
OPS Slot	Yes (80 Pin)					
WiFi	WiFi 5 2.4/5GHz					
AUDIO						
Built-in Speakers	2 x 10W					
DISPLAY & REMOTE FUNCTIONS						
Auto-Source-Detection	Yes					
Image Settings	Yes					
PHYSICAL SPECIFICATIONS						
Screen Dimensions (L x H x W)	971 x 559.5 x 70.9mm	1123.4 x 643.9 x 70.5mm	1238.4 x 709.2 x 69.8mm	1456.7 x 831.4 x 68.8mm	1679.0 x 957.0 x 68.8mm	1928.6 x 1099.2 x 69mm
Bezel Dimensions	13mm	T/L/R - 12.2mm Bottom - 12.5mm	12.9mm	12.2mm	12.8mm	13.9mm
Shipping Dimensions (L x H x W)	1075 x 652 x 144mm	1250 x 760 x 144mm	1390 x 830 x 144mm	1640 x 990 x 164mm	1840 x 1112 x 177mm	2100 x 1250 x 230mm
Weight (Net)	8.85kg	11.25kg	13.85kg	19.7kg	29.7kg	46.9kg
Weight (Gross)	11.5kg	14.8kg	18.5kg	27.4kg	39.1kg	61.6kg
Wall Mount (VESA)	300 x 300mm M6 x 18mm	400 x 300mm M6 x 18mm	400 x 400mm M6 x 18mm	500 x 500mm M8 x 16mm	500 x 500mm M8 x 16mm	700 x 500mm M8 x 16mm
POWER						
Typical Power (with OPS)	175W	185W	190W	235W	255W	300W
Typical Power (without OPS)	125W	135W	140W	185W	205W	250W
Max Power (with OPS)	255W	290W	295W	380W	430W	500W
Max Power (without OPS)	175W	210W	215W	300W	350W	420W
ENVIRONMENTAL						
Operating Temperature	0 °C - 40°C					
Storage Temperature	-20 °C - 55°C					
Humidity	20% - 80%					
WHAT COMES IN THE BOX						
Contents	Remote Controller, Batteries, Quickstart Guide, AC Power cord, HDMI cable (3m), Wall Mount Bracket					
WARRANTY						
Warranty	Terms and conditions vary via region, please click here					

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