

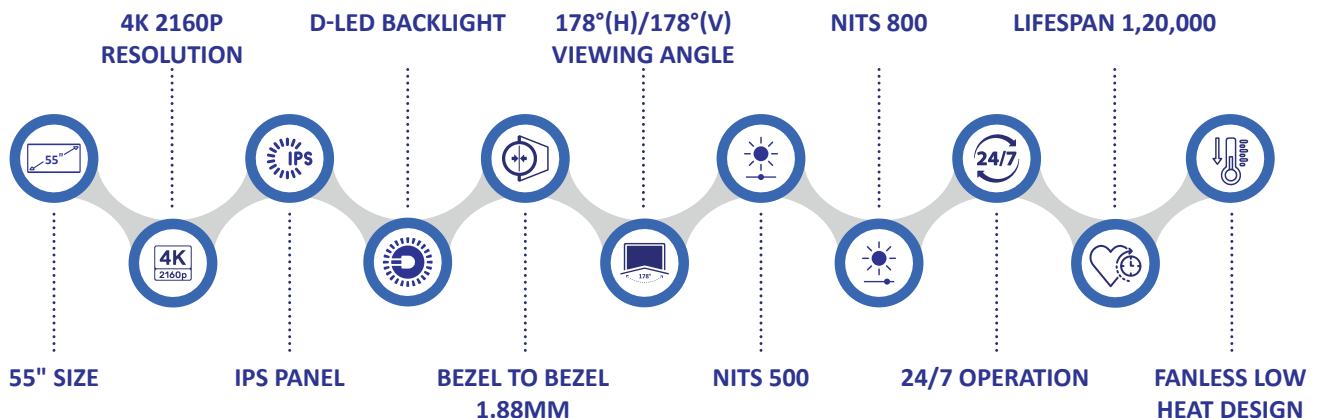


# 55" 4K DATA WALL DISPLAY (BEZEL TO BEZEL 1.88MM)

**Model  
ADVD-A18M55**

## FEATURES

- 55" 4K UHD DATA WALL DISPLAY WITH WIDE VIEWING ANGLE 178°(H)/178°(V).
- SUPPORT 4K 2160P@60HZ SIGNAL INPUT BY HDMI AND DP FOR VARIOUS APPLICATIONS.
- SUPPORT ULTRA-NARROW 1.88MM BEZEL-TO-BEZEL DESIGN TO ALLOW SEAMLESS DISPLAY.
- D-LED BACKLIGHT PROVIDES HIGH BRIGHTNESS UNIFORMITY WITHOUT ANY BORDER SHADOWS.
- SUPPORT INDUSTRIAL GRADE IPS PANEL AND THIS IS SUITABLE FOR CONTINUOUS 24/7 OPERATION.
- ADVANCED DIRECT-LIT DIMMING TECHNOLOGY WITH LOW POWER CONSUMPTION AND SAVE ENERGY.
- DISPLAY LONGEVITY OF 1,20,000 HRS. AND BRIGHTNESS OF 500/800 NITS, IDEAL FOR EXTENDED USAGE.
- THE IPS PANEL HARD SCREEN IS CLEAR, FLUID AND REALISTIC AND SIGNIFICANTLY REDUCING EYE IRRITATION.
- USE ADVANCE AUTOMATIC COLOR AND IMAGE ENHANCEMENT PROCESSING WITH PICTURE QUALITY OPTIMIZATION.
- METAL CASE PROTECTS THE UNIT FROM INTERFERENCE OF RADIATION, MAGNETIC FIELDS, AND STRONG ELECTRIC FIELDS.
- THE DEVICE IS LIGHT WEIGHT AND THIN TO EASY FOR INSTALLATION AND SUPPORT OPEN COOLING FANLESS LOW HEAT DESIGN.
- SUPPORT INFRARED INPUT INTERFACE Ø3.5MM MINI AND RS232 IN/OUT DUAL MODE INTERFACE AND LAN INTERFACE RJ-45.



## 55" 4K DATA WALL DISPLAY (BEZEL TO BEZEL 0.88MM)

Experience unparalleled visual excellence with AVAIVI's Datawall, a cutting-edge display solution designed for diverse applications. The 55" size and Full-HD 1080p resolution deliver crisp and vibrant visuals, while the option for 4K 2160p resolution provides an immersive viewing experience. The IPS panel ensures vibrant colours and wide viewing angles, complemented by D-LED backlight technology for enhanced brightness. Choose your preferred bezel-to-bezel width, whether an ultra-slim 0.88mm, a sleek 1.8mm, or a minimalist 3.5mm, tailoring the display to your aesthetic preferences. With a generous 178°(H)/178°(V) viewing angle, every corner of the screen is visible, offering flexibility in placement. Boasting 500 or 800 Nits brightness levels, AVAIVI's Datawall is suitable for both standard and high-ambient-light environments. The display is engineered for 24/7 operation, ensuring reliability and durability. With a remarkable lifespan of 1,20,000 hours, it stands as a testament to AVAIVI's commitment to quality and longevity. Experience uninterrupted performance with AVAIVI's fanless, low-heat design, providing efficient cooling without compromising on quiet operation. Elevate your visual display needs with AVAIVI's Datawall, where advanced technology meets user-friendly design.



### 55 INCH DISPLAY SIZE

The Data Videowall by AVAIVI boasts an expansive 55-inch display size, offering a generous canvas for presenting information, visuals, and data. This size is carefully designed to provide an immersive and impactful viewing experience, making it well-suited for a variety of professional applications. With its 55-inch size, the Data Videowall becomes an ideal choice for command centers, control rooms, meeting spaces, and other environments where a large and clear display is crucial. The ample screen real estate allows for the simultaneous display of multiple data sources, enhancing situational awareness and collaboration. Organisations benefit from the 55-inch size of the Data Videowall by AVAIVI by gaining a versatile and visually striking solution for presenting critical information. Whether used for monitoring, presentations, or collaborative work, the ample display size contributes to an effective and engaging visual communication platform.

### 4K 2160P RESOLUTION



The Data Videowall by AVAIVI stands out with its impressive 4K 2160p resolution, delivering an unparalleled level of visual clarity and detail. With a pixel count of 3840x2160, this ultra-high-definition resolution ensures that every element on the display is rendered with exceptional precision. The 4K resolution on the Data Videowall is particularly advantageous for applications where intricate details, expansive visual content, or large datasets need to be presented. Whether used for monitoring complex systems, showcasing detailed graphics, or engaging in high-quality presentations, the 4K resolution enhances the overall visual experience. Organisations benefit significantly from the 4K 2160p resolution of the Data Videowall by AVAIVI as it provides a cutting-edge display solution for demanding visual applications. The increased pixel density contributes to sharper images, more vibrant colors, and an immersive viewing experience, making it an ideal choice for environments where visual excellence is a priority.



### IPS PANEL FOR VIBRANT COLOURS AND WIDE VIEWING ANGLES

Step into a world of visual brilliance with AVAIVI's LCD Videowall, featuring an advanced IPS panel; guaranteeing a visual feast of vibrant colours and expansive viewing angles. The IPS (In-Plane Switching) panel ensures stunning colour accuracy and consistency across a wide range of viewing positions. This cutting-edge technology delivers an exceptional spectrum of vibrant colours, bringing content to life with unparalleled richness and accuracy. AVAIVI's LCD Videowall ensures that every hue is faithfully

reproduced, maintaining consistency even when viewed from wide angles. Whether orchestrating an impactful presentation or captivating an audience with dynamic visuals, AVAIVI's LCD Videowall with IPS panel technology guarantees a display that is not just seen but experienced, making every viewing angle a front-row seat to stunning, true-to-life visuals. With AVAIVI's IPS panel, expect brilliant and immersive visuals that captivate viewers and elevate the overall impact of the videowall content.

### D-LED BACKLIGHT TECHNOLOGY



AVAIVI's LCD Videowall boasts D-LED (Direct LED) backlight technology, revolutionising the way visuals are illuminated. This advanced technology places LEDs directly behind the display, providing precise control over brightness and contrast. D-LED ensures uniform lighting across the entire videowall, eliminating inconsistencies for a seamless viewing experience. With energy-efficient LED modules strategically positioned, AVAIVI's D-LED backlight technology not only enhances visual performance but also contributes to an eco-friendly and cost-effective solution. Immerse yourself in stunning visuals with AVAIVI's LCD Videowall, where D-LED backlight technology sets the stage for brilliance.



### ULTRA-SLIM BEZEL: 1.88MM

AVAIVI's LCD Videowall takes visual immersion to the next level with its ultra-slim bezel of just 1.8mm. This sleek and minimal bezel design creates a virtually seamless canvas for your content, enhancing the overall impact of the videowall. Whether you're orchestrating a dynamic presentation or deploying a videowall for information dissemination, the ultra-slim bezel ensures that your visuals are the focal point, providing a captivating and distraction-free viewing experience. Elevate your display aesthetics with AVAIVI's commitment to sleek design and cutting-edge technology.

### VIEWING ANGLE OF 178°(H)/178°(V)



Enjoy an expansive and distortion-free visual experience with AVAIVI's LCD Videowall, featuring a wide viewing angle of 178°(H)/178°(V). This impressive viewing angle ensures that the content remains vibrant and clear, even when observed from extreme horizontal or vertical positions. Whether you're designing an immersive digital environment or a collaborative workspace, the wide viewing angle ensures that every viewer experiences consistent and high-quality visuals. AVAIVI's commitment to optimal viewing angles enhances the versatility and effectiveness of your videowall, ensuring that your content reaches and captivates a diverse audience.



### BRIGHTNESS LEVELS: 500 NITS

Experience vivid and luminous visuals with AVAIVI's LCD Videowall, boasting an impressive brightness level of 500 Nits. This elevated brightness ensures that your content shines brilliantly, even in well-lit environments or areas with high ambient light. Whether you're deploying the videowall for digital signage, presentations, or information displays, the 500 Nits brightness provides clarity and visibility, ensuring that your message stands out with unparalleled brilliance. AVAIVI's commitment to optimal display performance ensures that your videowall captivates audiences with vibrant and attention-grabbing visuals.



### BRIGHTNESS LEVELS: 800 NITS

Immerse yourself in stunning visuals with AVAIVI's LCD Videowall, featuring an exceptional brightness level of 800 Nits. This heightened brightness ensures that your content dazzles and captivates, even in challenging lighting conditions or bright environments. Whether you're creating dynamic displays for retail, entertainment, or command and control centers, the 800 Nits brightness guarantees clear and impactful visuals. AVAIVI's dedication to superior display technology ensures that your videowall delivers optimal performance, allowing your content to shine with unparalleled brilliance and visibility.

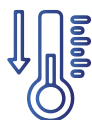


### DESIGNED FOR 24/7 OPERATION

Elevate your visual experience with AVAIVI's LCD Videowall, meticulously designed for uninterrupted 24/7 operation. Built to withstand continuous usage, this videowall ensures reliability and longevity, making it ideal for applications that demand around-the-clock performance. Whether deployed in control rooms, surveillance centers, or other mission-critical environments, AVAIVI's commitment to durability and reliability ensures that your videowall delivers consistent and high-quality visuals, ensuring peace of mind for your operational needs. Trust in AVAIVI's design excellence for a videowall solution that stands the test of time.

### LIFESPAN OF 1,20,000 HOURS

Experience enduring performance with AVAIVI's LCD Videowall, boasting an impressive lifespan of 1,20,000 hours. This extended lifespan ensures long-term reliability, making it an excellent choice for applications requiring consistent and sustained operation. Whether used for digital signage, control rooms, or public displays, AVAIVI's commitment to durability guarantees that your videowall provides continuous and reliable service. With a lifespan of 1,20,000 hours, AVAIVI's LCD Videowall is a testament to quality and longevity, delivering a seamless and impactful visual experience over an extended period.



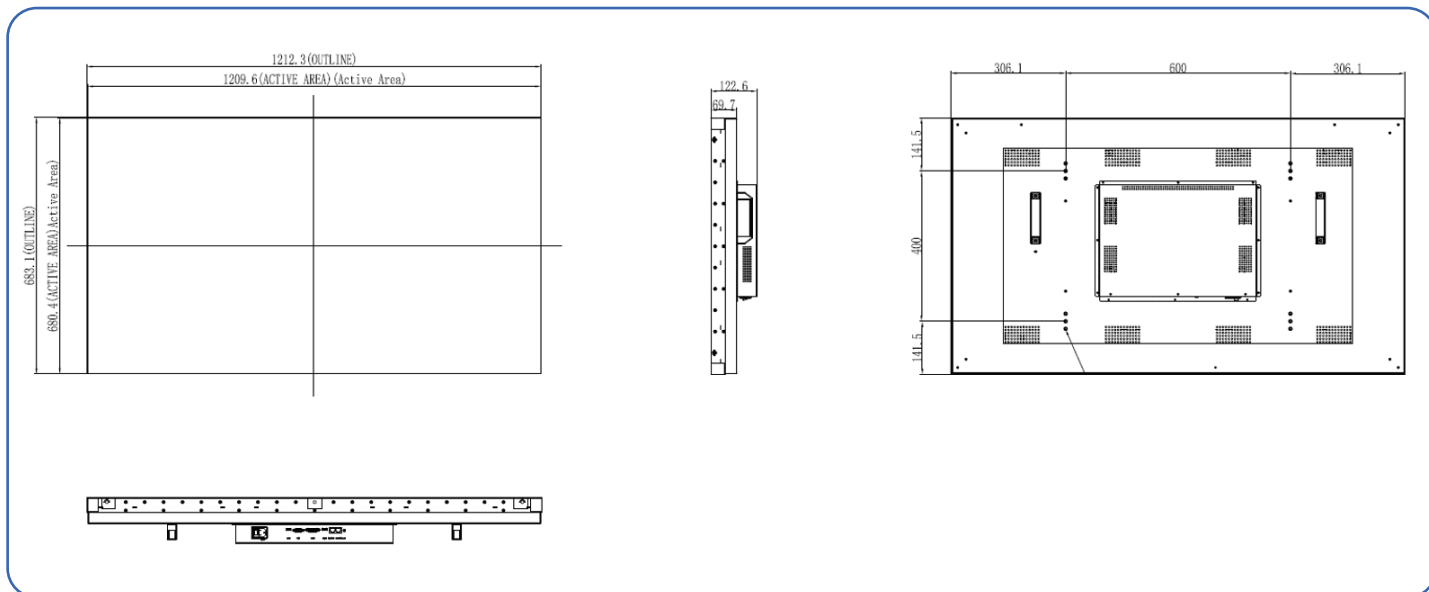
### FANLESS, LOW-HEAT DESIGN FOR EFFICIENT COOLING

Experience superior efficiency and cooling with AVAIVI's LCD Videowall, featuring a fanless, low-heat design. This innovative approach ensures optimal performance without the need for traditional cooling fans, reducing noise levels and enhancing reliability. The fanless design also contributes to energy efficiency, making it an environmentally friendly choice for your display needs. With AVAIVI's commitment to cutting-edge technology, the fanless, low-heat design ensures that your videowall operates smoothly and quietly, providing a comfortable and distraction-free viewing experience in various environments. Trust AVAIVI for a videowall solution that combines advanced engineering with user-friendly design.

## 55" 4K DATA WALL DISPLAY (BEZEL TO BEZEL 1.88MM)

| SPECIFICATION         |  |
|-----------------------|--|
| Screen Size           | 55"  |
| Panel Technology      | IPS  |
| Backlight Type        | D-LED  |
| Bezel to Bezel Width  | 1.88mm   |
| Resolution Support    | 4K (3840 x 2160 pixels)  |
| Brightness            | 400cd/m <sup>2</sup> (min.) Optional: 560cd/m <sup>2</sup> (min.)<br>500cd/m <sup>2</sup> (typ.) Optional: 800cd/m <sup>2</sup> (typ.) |
| Contrast Ratio        | 1100:1(typ.) Optional: 1200:1(typ.)  |
| Aspect Ratio          | 16:09  |
| Refreshing Frequency  | 60Hz   |
| Response Time         | 8ms(typ.)  |
| Operation Hours       | 24x7 days  |
| Lifespan              | 120,000 hrs (min.)   |
| Pixel Pitch mm        | 0.63(H) x0.63(V)   |
| Viewing Angle         | 178°(H) / 178°(V)  |
| View Area (mm)        | 1209.63(H) x680.4(V)   |
| Color Gamut (X% NTSC) | 72%(typ.)  |
| Display Colors        | 1.07B(10bit)   |
| HDMI-IN               | 2x Interface: (HDMI 2.0) Max. Resolution: 3840x2160@60Hz   |
| DP-IN                 | 2x Interface: (DP1.2) Max Resolution: 3840x2160@60Hz   |
| DP-OUT                | 1x Interface: (DP1.2)Max Resolution: 3840x2160@60Hz  |
| USB                   | 1x Interface: Type-A Version: USB2.0   |
| IR-IN                 | 1x Interface: φ3.5mm mini  |
| RS232-IN              | 1x Interface: RJ-45  |
| RS232-OUT             | 1x Interface: RJ-45  |
| LAN                   | 1x Interface: RJ-45  |
| Power Input           | AC 100 V ~ 240 V, 50/60 Hz   |
| Power Consumption     | <200W  <250W   |
| Standby Consumption   | <0.5W  |
| Operating Temperature | -10~ +45C°   |
| Operating Humidity    | 10% ~ 90% RH Non-Condensing.   |
| Cooling               | Fanless low heat design  |
| Housing               | Industrial Grade Metal (Black)   |
| Product Dimension     | 1212.3x122.6x683.1mm   |
| Packaging Dimension   | 1385x348x858mm   |
| Weight                | 29Kg   |

## EXPLODED VIEW



## ABOUT AVAIVI

AVAIVI is a dynamic and innovative DPIIT recognised Startup Company for its commitment to driving excellence, fostering innovation, and contributing to Bharat's burgeoning entrepreneurial landscape. AVAIVI specialises in providing cutting-edge Audio-Visual Solutions, AI-based Software and Security & Surveillance Technology.

**AV Technology:** AVAIVI's state-of-the-art audio-visual solutions redefine how information is presented and shared. Our innovative AV solutions include interactive displays, digital signage, audio systems, and immersive multimedia experiences.

**AI Software Suite:** From predictive analytics to process optimization, our AI-based software applications empower organizations to make informed decisions, streamline operations, and stay ahead in a rapidly evolving digital landscape.

**Video Surveillance:** AVAIVI's expertise in CCTV security surveillance technology goes beyond traditional monitoring. Our comprehensive solutions encompass advanced camera systems, intelligent video analytics, and remote monitoring capabilities.

Disclaimer: The information provided in this product datasheet is intended for general informational purposes only. While we strive to ensure the accuracy and reliability of the information presented. It is important to note that product specifications and features may change without prior notice.