

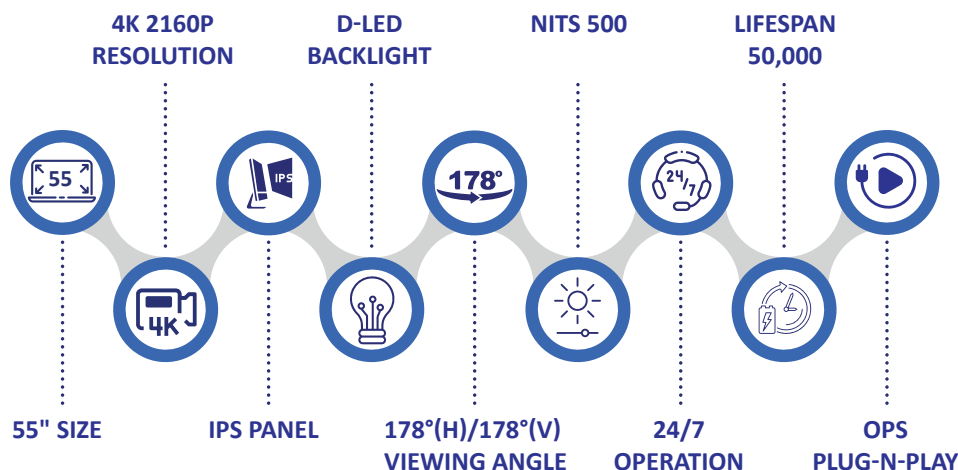


# 55" 4K Industrial Monitor Display

**Model  
ADMD-A55**

## FEATURES

- 55" 4K INDUSTRIAL MONITOR DISPLAY WITH WIDE VIEWING ANGLE 178°(H)/178°(V).
- 4K 2160P SIGNAL INPUT BY HDMI AND 1080P BY VGA FOR VARIOUS APPLICATIONS.
- 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.
- DISPLAY LONGEVITY OF 50,000 HOURS AND BRIGHTNESS OF 500 NITS, IDEAL FOR EXTENDED USAGE.
- ADVANCED DIRECT-LIT DIMMING TECHNOLOGY WITH LOW POWER CONSUMPTION AND SAVE ENERGY.
- 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 & ELECTRIC FIELDS.
- AUTOMATIC COLOR & IMAGE ENHANCEMENT PROCESSOR IS USED TO IMPROVE PICTURE QUALITY & DISPLAY DETAILS.
- SQUARE DESIGN, CONCEALED INFRARED SIGNAL RECEIVING. OPTIONAL: WITH PLUG-AND-PLAY OPS COMPUTER,



## 55" 4K INDUSTRIAL MONITOR DISPLAY

AVAIVI's Industrial CCTV Monitor delivers reliable and high-performance video display for surveillance applications. With its 4K 2160P resolution, the monitor ensures crisp and detailed visuals, enhancing the accuracy of video analysis. The IPS panel provides vibrant colors and a wide viewing angle of 178°(H)/178°(V), ensuring clear visibility from different perspectives. The D-LED backlight technology further contributes to optimal brightness levels, with 500 Nits ensuring visibility in various lighting conditions. Designed for 24/7 operation and boasting a lifespan of 50,000 hours, this monitor is a durable and dependable solution for industrial surveillance environments.



### 55" SIZE

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### 4K 2160P RESOLUTION



Introducing AVAIVI's Industrial Monitor with a formidable 4K 2160p resolution. Immerse yourself in unparalleled visual clarity and detail, as every pixel comes alive on the expansive screen. This cutting-edge display technology ensures that critical data, intricate designs, and complex visuals are rendered with utmost precision. Designed for industrial environments, this monitor combines robust construction with high-performance visuals, making it the ideal choice for demanding applications. Enhance your productivity and decision-making with AVAIVI's Industrial Monitor, where superior resolution meets industrial durability.



### IPS PANEL

Experience unmatched visual excellence with AVAIVI's Industrial Monitor equipped with a vibrant IPS panel. Immerse yourself in true-to-life colors and enjoy wide viewing angles, ensuring clarity from every perspective. The IPS technology enhances color accuracy and consistency, making it an ideal choice for applications demanding precision. The robust design of the monitor complements the brilliance of the IPS panel, making it suitable for rugged industrial environments. Elevate your visual experience and reliability standards with AVAIVI's Industrial Monitor featuring cutting-edge IPS panel technology.

### D-LED BACKLIGHT



Illuminate your workspace with AVAIVI's Industrial Monitor featuring D-LED backlight technology. This innovative backlighting system ensures uniform brightness across the display, delivering crisp visuals with enhanced clarity. The D-LED technology not only enhances the overall brightness of the monitor but also contributes to energy efficiency. Immerse yourself in a brilliant viewing experience, where every detail is illuminated to perfection. AVAIVI's Industrial Monitor with D-LED backlighting is designed to meet the demands of industrial applications, providing reliability and superior performance. Illuminate your workspace with precision and efficiency – choose AVAIVI.

**178°****178°(H)/178°(V) VIEWING ANGLE**

Experience unparalleled visual clarity from any angle with AVAIVI's Industrial Monitor boasting a wide viewing angle of 178 degrees horizontally and 178 degrees vertically. This expansive viewing range ensures that critical information is accessible and easily comprehensible, even when viewing the monitor from various perspectives. Whether collaborating with colleagues or monitoring data in a dynamic environment, the wide viewing angle guarantees that the display remains vivid and legible. Elevate your visual experience with AVAIVI's Industrial Monitor – where clarity meets versatility for optimal performance in diverse industrial settings.

**NITS 500**

AVAIVI's Industrial Monitor shines bright with a luminous display featuring 500 nits of brightness. This exceptional brightness level ensures that content is vivid, clear, and easily visible even in well-lit industrial environments. Whether used for monitoring critical data, displaying real-time information, or collaborating on projects, the 500 nits brightness enhances visibility, contributing to a seamless and efficient workflow. With AVAIVI's Industrial Monitor, experience the perfect balance of brilliance and clarity, empowering you to tackle industrial tasks with confidence.

**24/7 OPERATION**

AVAIVI's Industrial Monitor is designed to meet the demands of round-the-clock operations, providing continuous reliability and performance. With its robust build and efficient components, this monitor is ready to handle the rigors of industrial settings that require non-stop monitoring and operation. Whether it's critical surveillance, data visualization, or process control, AVAIVI's Industrial Monitor ensures uninterrupted performance, making it an ideal choice for industries that operate 24/7. Trust in the durability and dependability of AVAIVI's Industrial Monitor for seamless operation in critical industrial environments.

**LIFESPAN 50,000**

AVAIVI's Industrial Monitor boasts a long-lasting lifespan of 50,000 hours, ensuring sustained performance and reliability over an extended period. This impressive durability makes it an ideal choice for industrial applications where continuous operation and longevity are crucial. Designed to withstand the demands of industrial environments, AVAIVI's Industrial Monitor offers a robust solution with a prolonged lifespan, providing users with peace of mind and a cost-effective investment in their monitoring infrastructure. Trust in AVAIVI's commitment to delivering quality products that excel in both performance and longevity.

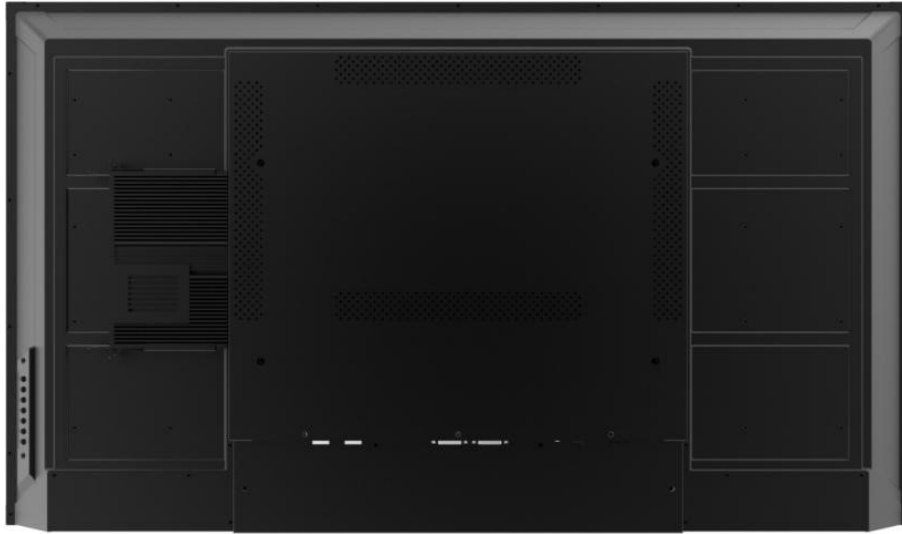
**OPS PLUG-N-PLAY**

AVAIVI's Industrial Monitor features OPS (Open Pluggable Specification) plug-and-play functionality, offering a seamless and standardized approach to integrate external computing devices. With OPS compatibility, users can easily insert and remove compatible devices, such as media players or PCs, without the need for complex setup or cabling. This streamlined process simplifies maintenance and upgrades, making the Industrial Monitor a versatile and user-friendly solution for various applications. Trust AVAIVI to provide innovative features that enhance the flexibility and convenience of your industrial monitoring setup.

## 55" 4K INDUSTRIAL MONITOR DISPLAY

Specifications	
Screen Size	55"
Panel Technology	IPS
Backlight Type	D-LED
Resolution Support	4K (3840 x 2160 pixels)
Brightness	400cd/m <sup>2</sup> (min.) 500cd/m <sup>2</sup> (typ.)
Contrast Ratio	1200:1(typ.)
Aspect Ratio	16:09
Refreshing Frequency	60Hz
Response Time	8ms(typ.)
Operation Hours	24x7 days
Lifespan	50,000 hrs (min.)
Pixel Pitch mm	0.315(H) x 0.315(V)
Viewing Angle	178°(H) / 178°(V)
View Area (mm)	1209.6(H) x 680.4(V)
Color Gamut (X% NTSC)	72%(typ.)
Display Colors	1.07G(8bit+FRC)
HDMI-IN	2x Interface: (HDMI 2.0) Max. Resolution: 3840x2160@60Hz
VGA-IN	1x Interface: (DB15) Max Resolution: 1920X1080@60Hz
PC-AUDIO	1x Interface:0( φ3.5mm mini 0.2-2Vrms) L/R Input level
USB	1x Interface: Type-A Version: USB2.0
SPDIF	1x Interface: Max. Speed 16Mbps
RS232-IN	1x Interface: (DB9)
LAN (Optional)	1x Interface: RJ-45 10/100Mbps
OPS (Optional)	1x Interface: (JAE)
Power Input	AC 100 V ~ 240 V, 50/60 Hz
Power Consumption	<140W
Standby Consumption	<0.5W
Audio Output Power	2x5W/8Ω
OPS Power	DC-12V/5A
Operating Temperature	-10~ +45C°
Operating Humidity	10% ~ 90% RH Non-Condensing.
Housing	Industrial Grade Metal: Metal face frame, Metal rear shell, all- metal structure
Product Dimension	1243.2 x 69.6 x 714mm
Packaging Dimension	1364 x 154 x 824mm
Weight	17Kg

## 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.