



## ***News Release***

### **Driving the Visionary Future: AUO Debuts Brand-new Smart Cockpit at Touch Taiwan 2023**

*FIDM Plus to Showcase Leading Automotive Display Technology and Hardware/Software Integrated Design Competencies; AUO Display Plus Seizing DOOH Advertising and PIS Market Opportunities*

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As the smart and autonomous vehicles industries continue to boom globally, AUO Corporation (AUO) will debut its smart cockpit under the theme of "Driving the Visionary Future" at the Touch Taiwan 2023 Display International Exhibition, to be held from April 19 to 21, 2023 at the Taipei Nangang Exhibition Center. In addition to deploying AUO's proprietary Fully Integrated Display Module Plus (FIDM Plus) integrated display solution, which highly integrates its core display technologies and sensing components to build a comfortable and safe immersive cockpit environment for drivers and passengers, backseat entertainment and business experiences are also upgraded by utilizing pioneering display technologies such as AmLED and Micro LED, further enhancing the innovative and safe smart mobile experience.

#### **AUO Smart Cockpit: Interface for Third Living Spaces That Focuses on Delivering Intelligence, Entertainment, Safety, and User Experience**

Display panels play a critical medium in the human-machine interactions of future smart cockpits. AUO will showcase its brand-new "**AUO Smart Cockpit**" at Touch Taiwan 2023, featuring the deployment of the "FIDM Plus Integrated Display Solution", containing a large 55-inch pillar-to-pillar curved display that embeds cameras, IR LED, ambient light sensors, and large touch display integrated panels to achieve features of multi-screen synchronization, facial recognition for driver preference optimization and personalized calendar display, providing personalized navigation and information on display instantly. Additionally, it is capable of capturing the driver's facial features and monitors visibility for fatigue detection, performing early safety precautions.

Moreover, AUO flexibly integrates the immersive augmented reality head-up display (AR-HUD) and extends the windshield in functioning as another display interface providing ultra-wide display images; by directly projecting road information and navigation systems onto the windshield, drivers can be guided intuitively by displayed instructions and obtain crucial information and reminders with ease.

Alternatively, the passenger-side display features a switchable privacy display that can switch between privacy and standard modes to prevent driver distraction. When the driver's view shifts toward the passenger-side display, the

display will immediately switch into privacy mode, significantly increasing driving safety while improving in-vehicle visual entertainment during journeys. Moreover, when the front cameras and IR sensors detect that the passenger seat is either empty or the passenger is sleeping, the passenger-side display will turn off automatically to preserve energy.

AUO also transforms the rear seats into a third living space that combines entertainment and business functions. Behind the driver's headrest is a 13.5-inch blended Micro LED display that seamlessly blends with the interior and seating design when turned off, maintaining a streamlined and consistent in-vehicle aesthetic; when turned on, rear-seat passengers can enjoy a comfortable and premium visual experience. Behind the front passenger's headrest is a 17-inch AmLED gaming display that features a mini LED backlight design and AUO's exclusive adaptive control technology, achieving ultra-high frame rate, high brightness, and high contrast, allowing the display of bright and vivid colors in both dark and bright environments, providing passengers with the ultimate and smooth entertainment experience. Passengers can use the integrated in-seat concealed camera and audio equipment to meet the video conferencing needs of businesspeople or connect controllers for gaming purposes.

#### **AUO Display Plus Ultra-high Brightness Outdoor Displays Targets DOOH Advertising Opportunities, Including Charging Stations and Smart Poles**

With the rapid development of smart cities, the demand for outdoor displays has significantly increased. At the exhibition, AUO will showcase its **"55-inch High-brightness Waterproof Outdoor Display"** integrated with charging stations and smart poles, capable of providing clear and vivid image quality under direct sunlight. It is designed with water, dust, and shock resistance and can operate in a temperature range from -30°C to 50°C. In addition, it features active heat dissipation and warming functions to ensure stable and precise displaying quality under prolonged high-temperature and high-humidity outdoor conditions. This display is the ideal marketing tool for Digital Out-of-Home (DOOH) advertising and can be widely used in public transportation, retail, and product promotion.

#### **AUO Display Plus Customized TARTAN Display Offers Advances in Providing Precise Real-time Passenger Information and Advertisement**

As the diversified demand for public displays in transportation applications continues to rise, AUO showcases its two advanced TARTAN displays at the exhibition. The **"58.6-inch Ultra-wide High-resolution Display"** features an increased resolution of 5120x1440 and supports multi-screen content splitting between two or three windows based on the customer's needs. By including the ADLINK IPC BOX, provided by ADLINK, a strategic partner of AUO, the display can achieve smooth playback of 5K contents to provide clear, real-time passenger information for platform passengers. It can also be flexibly used in various spaces, making it ideal for video conferences, command centers, and other related settings. On the other hand, the **"37-inch Dual-sided Display"** adopts a single backlight design, greatly reducing the thickness of the dual-sided display to 12mm. It supports the 32:9 aspect ratio specification for stretched displays and overcomes traditional resolution constraints. Moreover,

the dual-sided screens can simultaneously present the same or different content according to the owner's needs, and can be flexibly installed in retail businesses, station platforms, and railroad vehicle compartments.

AUO is actively exploring demand and opportunities in the automotive market, aiming to create the ultimate in-vehicle cockpit experience by extending and integrating its applications from innovative and pioneering display technologies. Concurrently, by focusing on outdoor and smart transportation applications, AUO proactively breakthroughs existing display limitations and provides customers with high-quality, one-stop services and optimized smart display solutions.

During the exhibition, the 2023 Display Innovation Taiwan Conference will be held; on April 20, Hong-Jye Hong, Vice President of Product Development, AUO Corporation, will attend the Advanced Automotive Display and Applications Forum and speak on the topic of "The Trend of Automotive Display Technology". We cordially invite you to join us at Touch Taiwan 2023 and experience the infinite possibilities brought by AUO's innovative display technologies and field application solutions.

**AUO photos can be downloaded at the Company's website:**

**[https://auo.com/en-global/Download\\_Photos](https://auo.com/en-global/Download_Photos)**

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### **ABOUT AUO**

Founded in 1996, AUO is an enthusiastic, technology-driven company, delivering products and solution services that advance the frontier of innovation for display, system solutions, industrial intelligence, healthcare, and energy. The company is based in Taiwan and operates across Asia, the US and Europe, with a global team of 38,000 people. Additionally, AUO has also been named to the Dow Jones Sustainability World Index since 2010. AUO's consolidated net revenues in 2022 were NT\$246.79 billion. For more information, please visit AUO.com.

### **Safe Harbour Notice**

AUO Corporation ("AUO" or the "Company") (TWSE: 2409), a global leader of TFT-LCD panels, today announced the above news. Except for statements in respect of historical matters, the statements contained in this Release include "forward-looking statements." These forward-looking statements are based on our management's expectations, projections and beliefs at the time regarding matters including, among other things, future revenues and costs, financial performance, technology changes, capacity, utilization rates, yields, process and geographical diversification, future expansion plans and business strategy. Such forward looking statements are subject to a number of known and unknown risks and uncertainties that can cause actual results to differ materially from those expressed or implied by such statements, including risks related to the flat panel display industry, the TFT-LCD market, acceptance of and demand for our products, technological and development risks, competitive factors, and other risks. In addition, our Annual Report contains other information on these and other factors that could affect our financial results and cause actual results to differ materially from any forward-

looking information we may provide. We undertake no obligation to update or revise any forward-looking statements to reflect subsequent events, new information or future circumstances.

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