



## **News Release**

### **AUO A.R.T. Powered Acer and BenQ Displays Receive World's First TÜV Reflection Free Certification**

*Breakthrough display technology increases eye comfort through clearer images with less glare, even in bright environments*

**Issued by: AUO**

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**Hsinchu, Taiwan, October 31, 2022–**

AUO Corporation today (10/31) announced that its range of displays based on its proprietary Advanced Reflectionless Technology (A.R.T.) has obtained the world's first "Reflection Free" certification from TÜV Rheinland, ensuring that AUO displays maintain their clarity and readability in bright environments. This announcement means that international brands, such as Acer and BenQ, who use AUO A.R.T. in their desktop display products can now achieve outstanding anti-glare and anti-reflection performance, and obtain TÜV Rheinland certification, helping consumers to select the right eye-care products based on their usage environment and habits.

In the past few years, the sharp rise in remote work and distance learning has led to an increase in average screen time, making display performance and comfort all the more critical. AUO A.R.T. delivers realistic, crystal clear visuals and a comfortable, eye-care display interface under different ambient lighting conditions thanks to its unique surface coating and anti-glare properties. As a result, it became the first recipient of the reflection-free certification from TÜV Rheinland. The validation was based on numerous strict international regulations, including screen surface treatment, glare and reflection testing, and most importantly, Ambient Contrast Ratio (ACR), which refers to the display's image quality and color contrast under bright light, representing the LCD performance under different ambient light sources. Test results indicated that AUO's A.R.T. maintained an ACR of more than 30:1 in bright environments, and achieved an extraordinary diffuse reflection rate. Acer and BenQ desktop displays incorporating AUO's A.R.T. completed corresponding tests against the same standards. Double certification of the panels and final products provides consumers with a more eye-caring option.

James Chen, Senior Vice President of AUO's Display Strategy Business Group, said, "AUO's A.R.T. has received positive customer feedback since its debut at the SID Display Week 2019 in the U.S. In response to the increasing usage of consumer displays, AUO refined its technology and obtained TÜV Rheinland's accreditation for desktop monitors, televisions, and displays of all sizes. Additionally, through collaboration with Acer and BenQ, we introduce certified products that comply with international safety standards, providing consumers with displays that bring sharper, brighter yet still eye-caring visual experiences over extended periods."

Jennifer Wang, Managing Director of TÜV Rheinland Taiwan, stated, "Reflections from ambient light make screens difficult for users to read. We developed the first reflection-free certification in the market to test how ambient light reflects off the screen. The certification ensures a clear reading experience whether the user is in the office or in a bright coffee shop, catering to work and leisure. In the future, we will continue to work with AUO to promote eye-care terminal products."

AUO showcased its range of eye-care products based on the four key features of A.R.T., which include high contrast in bright environments, eye comfort, high color saturation, and energy efficiency. Increased saturation and energy efficiency are achieved through the technology with no further adjustments to light intensity, eliminating interference and fatigue caused by glare and reflections.

AUO is devoted to promoting its A.R.T. products so that consumers can comfortably use displays without the stress of ambient light in the office, at school, or at home, for applications from gaming and entertainment, to graphic design. AUO products that have received the TÜV Rheinland reflection-free certification include 27", 32", and 65" monitors and TV panels, and their initial introduction into the consumer market can be seen in products such as the Acer's Predator XB323K RV 32" 4K gaming monitor and the BenQ SW321C 4K photographer monitor. These are the first wave of products to receive reflection-free certification; future products of other brands and applications will soon be announced.

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

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

**Any use of photographs must cite the source thereof as AUO Corporation.**

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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 2021 were NT\$370.69 billion. For more information, please visit AUO.com.

## **About TÜV Rheinland**

150 years of safety: Since 1872, TÜV Rheinland's mission has been to make technology safe for people and the environment. From the steam engine to digitalization, what started as a regional association for the monitoring of steam boilers has evolved into a global testing service provider. Today, TÜV Rheinland ensures safety and quality in almost all areas of business and life. TÜV Rheinland's experts test technical systems and products around the globe, support innovations in technology and business, train people in numerous professions, and certify management systems according to international standards. Since 2006, TÜV

Rheinland has been a member of the United Nations Global Compact for more sustainability and against corruption. Website: [www.tuv.com](http://www.tuv.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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