

ROE Visual Launches

Vanish Air Rental: A New Vision for Transparency

Shenzhen, China (December 7th, 2025) ROE Visual today officially announced the release of Vanish Air Rental, the latest addition to its popular Vanish series. Engineered to address key structural and visual challenges in the transparent LED market, Vanish Air Rental introduces an innovative design that integrates the power system directly into a slim frame, bringing the LED panel's visual transparency to 92%, thereby significantly enhancing light transmission and on stage sound permeability.

Developed as a 1000 x 1000 mm platform, Vanish Air Rental is the first rental LED panel to deliver and distribute power through the panel frame, eliminating the need for a conventional central PSU column. Based on a Less is More design philosophy, Vanish Air Rental, uses every millimeter of the design to maximize transparency, while ensuring structural integrity and electronic safety. This has resulted in a noticeably wider viewing area and a cleaner, more open appearance—enabling creative stage designs without visual distracting structural elements.

To further enhance transparency, Vanish Air Rental replaces the traditional grille-style LED layout with a refined perforated LED design. Because the human eye visually blends fine high-frequency details, the tiny perforations fade from perception as distance increases. Seen from a distance of 5 – 8 meters, the panel's structural components visually disappear, delivering an unobstructed viewing experience.

With a 6.94 mm pixel pitch and brightness levels of up 4000 nits, Vanish Air Rental delivers strong visual impact even in high ambient light. The panel incorporates black LEDs, dark GOB technology, and a clean PCB layout, enhancing its contrast ratio and resulting in a pure, high-fidelity image that holds up on any stage.

Vanish Air Rental's design is flexible—it can curve up to 5° , and for projects that require a non-transparent display, an optional blanking plate can easily be mounted to the rear of the panel. This transforms the screen from transparent to solid, offering a dual-purpose solution that maximizes investment and adaptability across diverse production needs.

“When we started to develop Vanish Air Rental, we approached transparency from a completely new perspective, not just at the LED level, but across every structural and electronic detail,” explains Glory Gao, Product Department Director at ROE Visual. “Through a combination of optical, mechanical, and aesthetic refinements, we have developed Vanish Air Rental as a transparent LED panel that performs at a higher level in every aspect.”

About ROE Visual:

ROE Visual delivers cutting-edge LED display technology that empowers creatives, designers, and technical professionals worldwide to bring their visions to life.

Founded in 2006, ROE Visual creates the world's finest LED display solutions by combining advanced technology, premium components, and a passion for innovation. This dedication has set ROE Visual as the industry standard in markets spanning Touring, Virtual Production, Broadcast, and Fixed Installation. With headquarters in China and a robust network of regional offices, ROE Visual provides expert knowledge, personalized service, and comprehensive global support.

For more information, please visit www.roevisual.com.