ROE
CREATIVE DISPLAY

Vanish ST

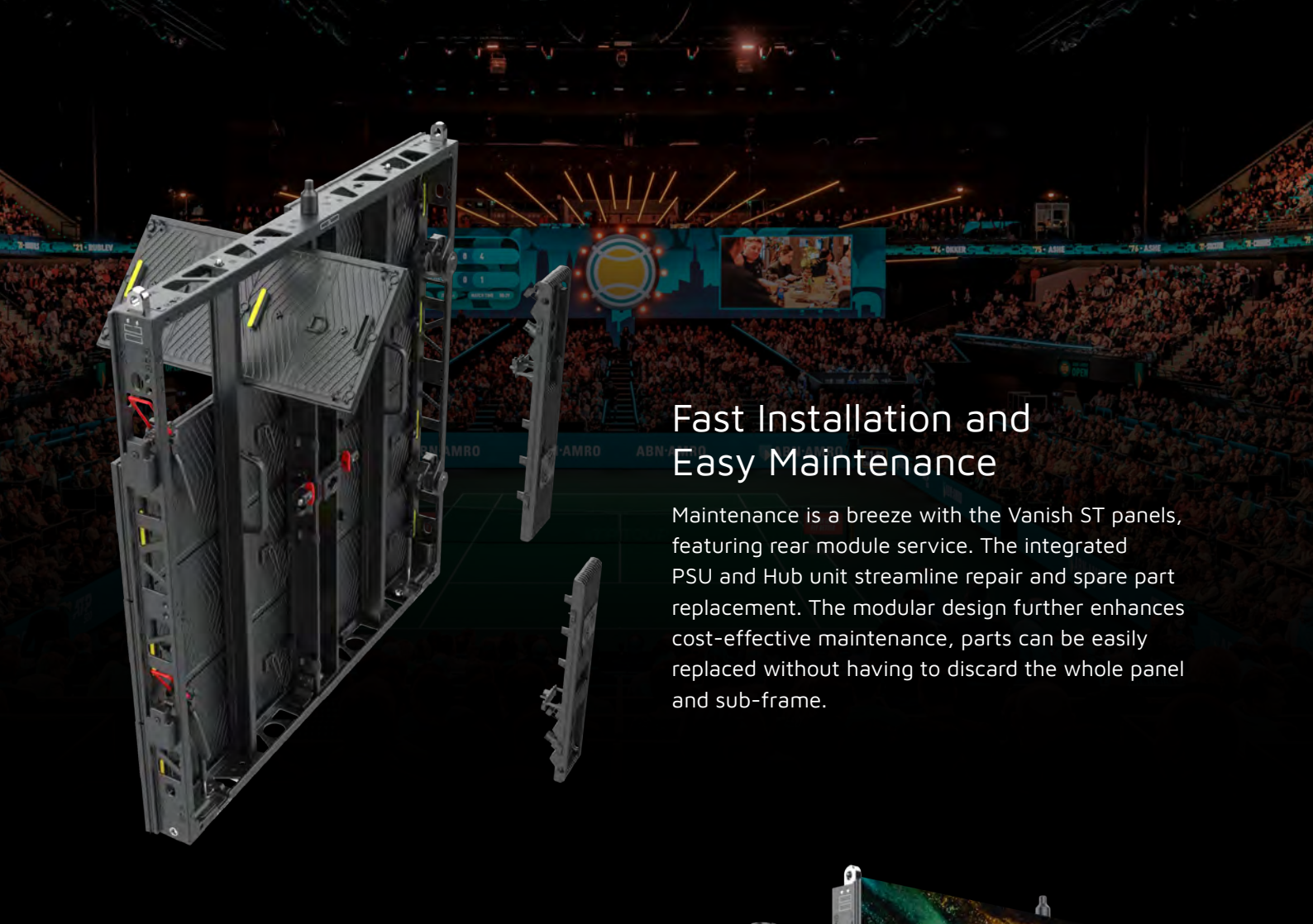The Remarkable Outdoor Live Events Solution

OUTDOOR LED PANELS

The Vanish ST Series is a reliable choice, ensuring your needs are met with utmost satisfaction designed to provide exceptional value for your touring, festival, and outdoor live events needs. Its innovative engineering and high efficiency make it an ideal and dependable choice for event organizers, AV rental companies, and production professionals who seek a high-quality LED panel with a great return on investment.

Integrated Foldable Wind-bracing System

The VST series measures big size with 1000x1000mm, available in pixel pitch of 4 and 6, both integrated folding trusses, making them wind-load resistant up to 20m/sec, offering audience safety and structural stability. Whether you're planning a concert tour or a large-scale outdoor event, the Vanish ST LED panel is up to the challenge.

Fast Installation and Easy Maintenance

Maintenance is a breeze with the Vanish ST panels, featuring rear module service. The integrated PSU and Hub unit streamline repair and spare part replacement. The modular design further enhances cost-effective maintenance, parts can be easily replaced without having to discard the whole panel and sub-frame.

High Brightness and High Contrast

The VST series features customized LEDs with high contrast and brightness of up to 5000nits, creating a more immersive visual experience and a closer interaction with talents in outdoor applications.

Right Angle Panel

The VST series provides a right-angle panel designed for versatile use on stage.

High-Efficient

Lightweight LED panel design

High Brightness

Modular PSU and HUB design

Rear module service

Half and ¼ panel

The Vanish ST panels present a range of design options:

VST-V: Enhance design sense with the vertical half-panel, sized at 500 x 1000mm (w x h).
VST-H: Opt for the horizontal half-panel, measuring 1000 x 500mm.
VST-Q: Discover the charm of the quarter panel, squared at 500 x 500mm.

Diverse in size, these panels cater to a myriad of design preferences, ensuring a perfect fit for every creative vision.
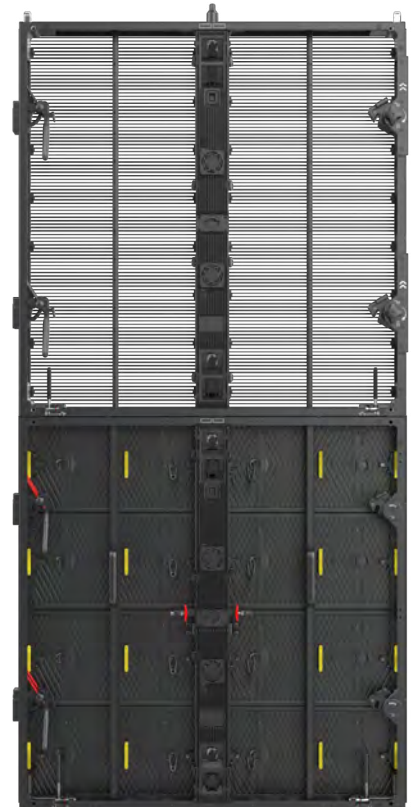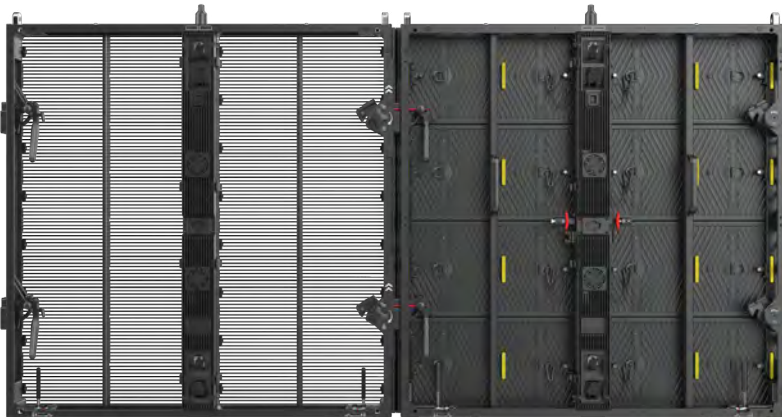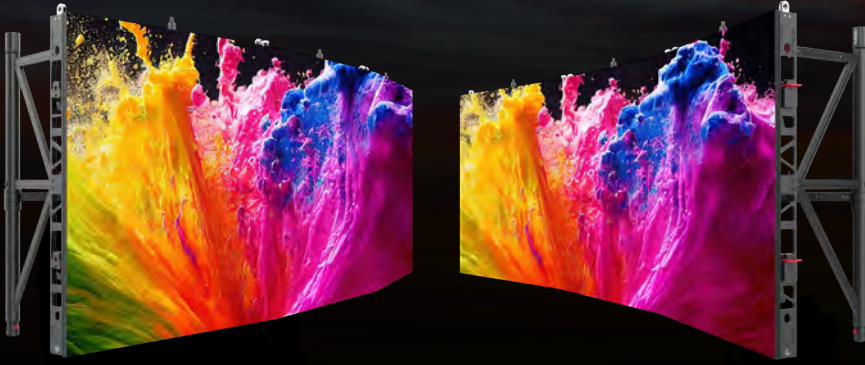

Stacking

Hanging

Curving Capabilities

The VST panels offer efficient curving capabilities in convex as well as concave set-ups, varying from -10° to 10°degree angles. The integrated standard locks can be used to obtain these curves with perfect accuracy.
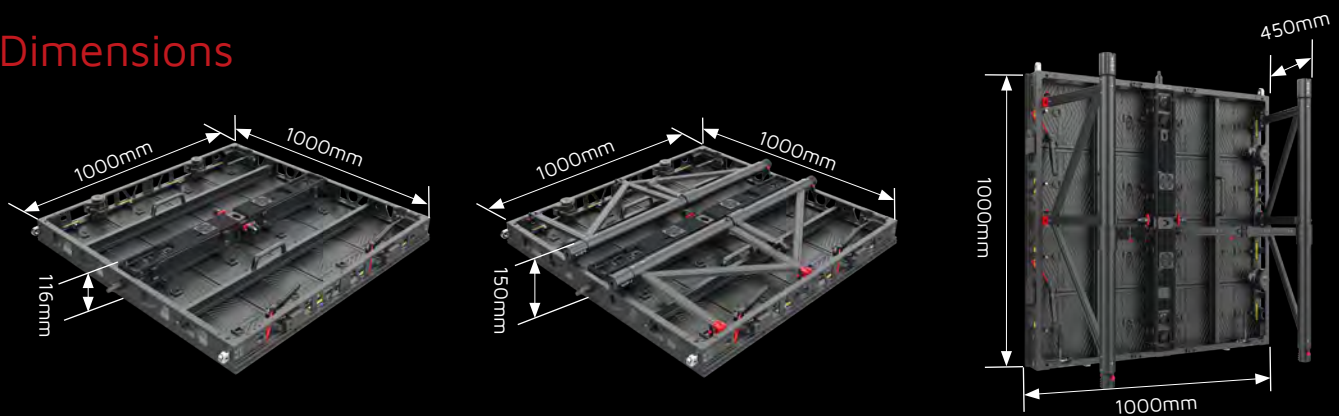

Compatible with V8T Series

The solid Vanish ST Series is fully compatible with the transparent Vanish V8T LED panel. This compatibility allows you to seamlessly integrate the VST with your existing V8T LED panels, maximizing the usability of your rental stock.

Specifications

Vanish Solid Touring	V4ST	V6ST
Pixel Pitch	4.6mm	6.94mm
Max Brightness Calibrated	5000nits	5000nits
Panel Dimension without support frame	1000mm x 1000mm x 116mm 39.4" x 39.4" x 4.57"	1000mm x 1000mm x 116mm 39.4" x 39.4" x 4.57"
Panel Dimension with support frame close	1000mm x 1000mm x 150mm 39.4" x 39.4" x 5.91"	1000mm x 1000mm x 150mm 39.4" x 39.4" x 5.91"
Panel Dimension with support frame open	1000mm x 1000mm x 450mm 39.4" x 39.4" x 17.72"	1000mm x 1000mm x 450mm 39.4" x 39.4" x 17.72"
Panel Resolution (H x V)	216 x 216	144 x 144
Weight Per Panel (without ladder)	27.5kg; 60.63lbs	27.3kg; 60.19lbs
Weight Per Panel (with ladder)	34.5kg; 76.06lbs	34.3kg; 75.62lbs
Power Consumption Max / Average	700W / 350W	700W / 350W
BTU Max / Average	2390 / 1100	2390 / 1100
Transparency	Solid	Solid
Serviceability	Rear	Rear
Curving (Concave & Convex)	Concave 10°~Convex 10°(optional)	Concave 10°~Convex 10°(optional)
LED Configuration	SMD 1921 Black	SMD 1921 Black
Viewing Angle Horizontal	160°	160°
Viewing Angle Vertical	120°	120°
Scan Ratio	1/6	1/4
Refresh Rate	7680Hz	7680Hz
Gray Scale	16bit	16bit
Frame Material	Magnesium Alloy	Magnesium Alloy
Processing Platform	Brompton / Megapixel / Evision	Brompton / Megapixel / Evision
Operational Temp / Humidity	-20°~45°C, 10~90%RH | -4°~113°F, 10~90%RH	-20°~45°C, 10~90%RH | -4°~113°F, 10~90%RH
Storage Temp / Humidity	-40°~60°C, 10~90%RH | -40°~140°F, 10~90%RH	-40°~60°C, 10~90%RH | -40°~140°F, 10~90%RH
IP Rating	IP65	IP65
Certifications	CE, ETL, FCC, UKCA	CE, ETL, FCC, UKCA

*Note: The Specifications are for reference, actual values may vary.

Dimensions