

ROE
CREATIVE DISPLAY



Vanish ST

The Remarkable Outdoor Live Events Solution

OUTDOOR LED PANELS



The Vanish ST series is built to elevate your events, providing dependable performance and exceptional value for touring, festivals, and outdoor live experiences. With innovative engineering that maximizes efficiency, it's a trusted choice for event organizers, AV rental companies, and production professionals who prioritize reliability and demand a strong return on investment in every LED panel.

Integrated Foldable Wind-bracing System

The VST series offers a large format of 1000x1000mm, available in 4mm and 6mm pixel pitches, with integrated folding trusses designed for wind resistance up to 20m/sec, ensuring audience safety and structural stability. Whether for a concert tour or a large-scale outdoor event, the Vanish ST LED panel delivers robust performance to meet demanding conditions.





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.

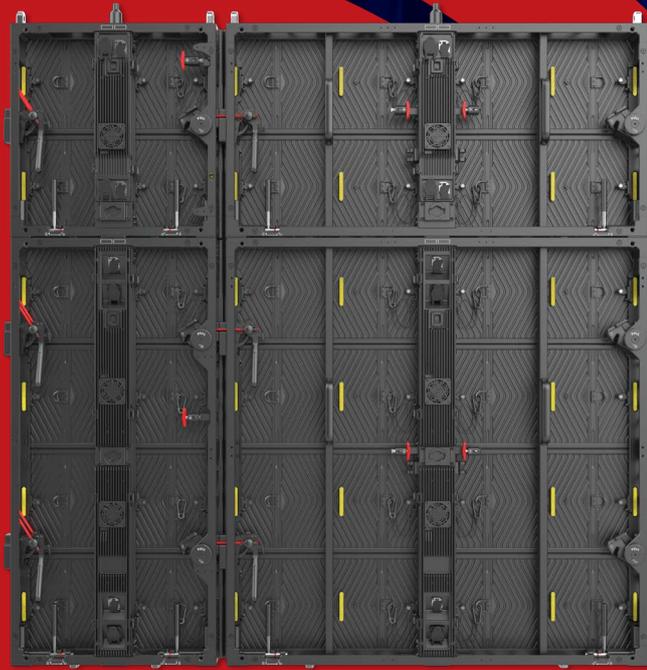
High Brightness and High Contrast

The VST series utilizes customized LEDs with high contrast and brightness up to 5000 nits, delivering vivid visuals that captivate audiences and create a closer connection with talent in outdoor settings.



Right Angle Panel

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



The Vanish ST panels present a range of design options:

VST-V: Elevate your design possibilities 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.

Available in diverse sizes, these panels adapt seamlessly to a wide range of design preferences, ensuring the perfect fit for any creative vision.



High-Efficient



Lightweight
LED panel design



High Brightness



Modular PSU and
HUB design



Rear module service



Half and ¼ panel



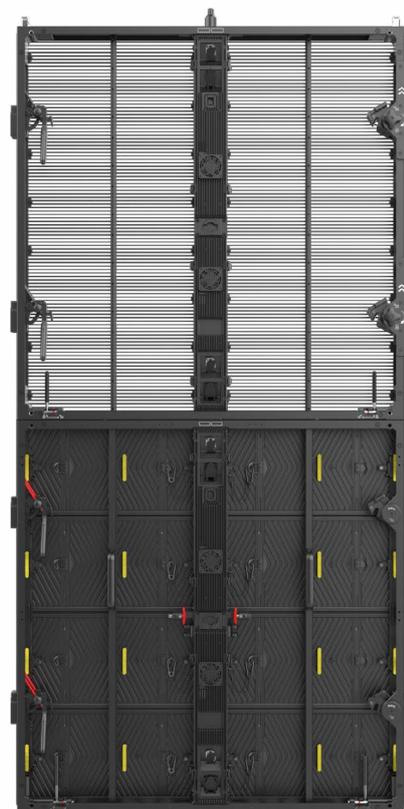
Stacking



Hanging

Curving Capabilities

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



Compatible with V8T Series

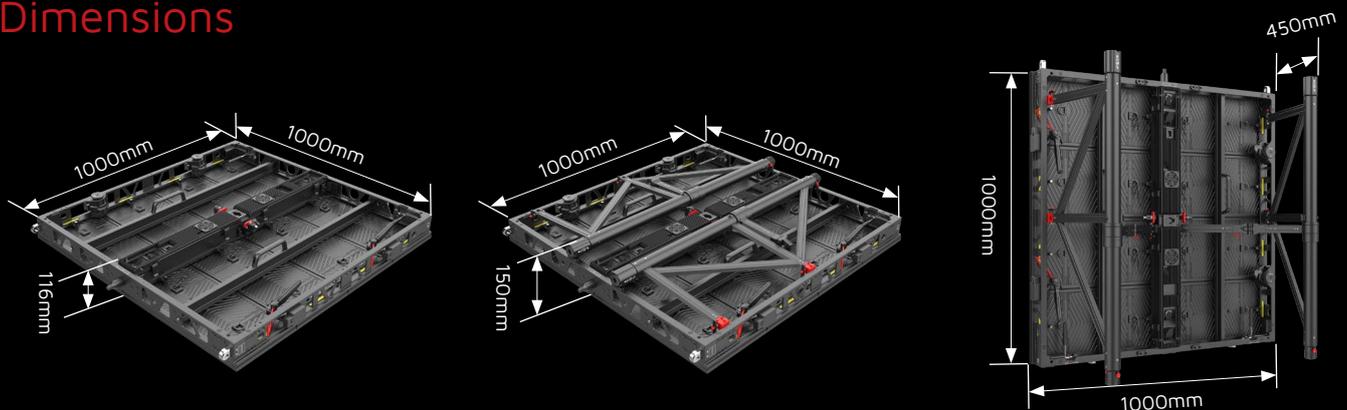
The solid Vanish ST series is fully compatible with the transparent Vanish V8T LED panel. This compatibility allows you to seamlessly integrate VST with your existing V8T LED panels, maximizing the potential of your rental stock.

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



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