

**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 3mm, 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.



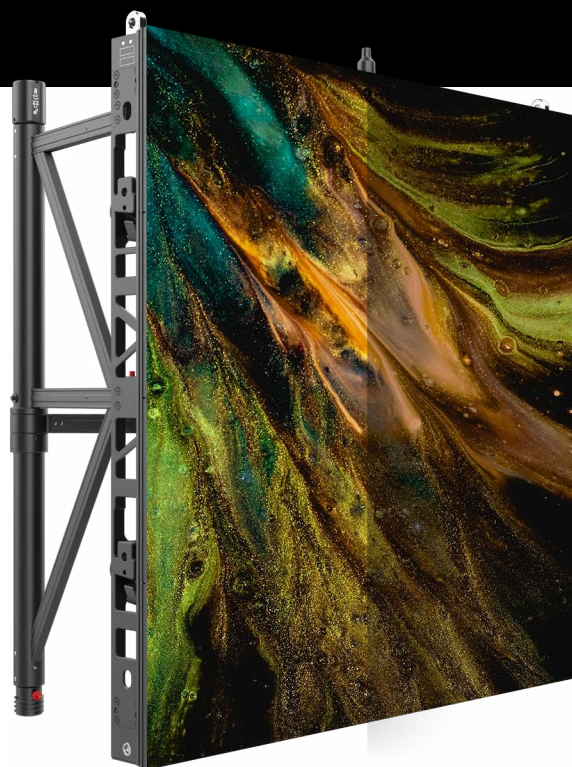


## Fast Installation and Easy Maintenance

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.

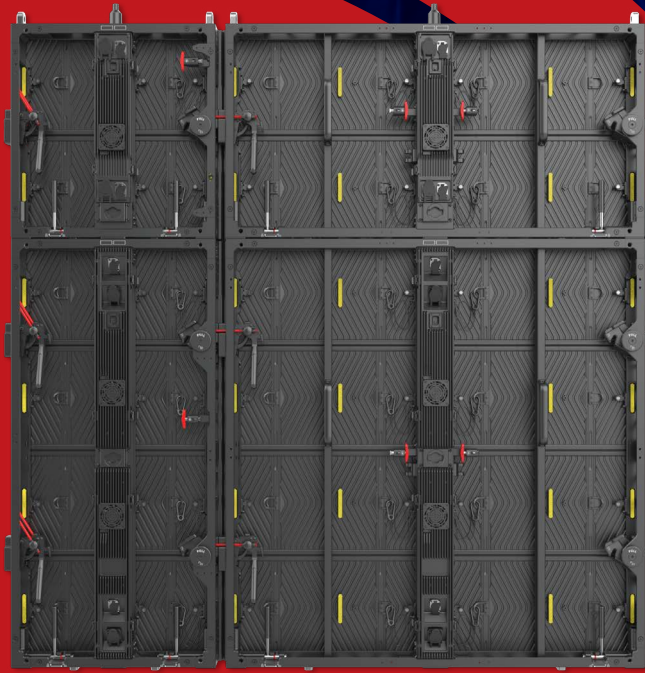
## High Brightness and High Contrast

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.



High efficiency



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:** Elevate your design possibilities with the vertical half-panel, sized at 500 x 1000mm (w x h).

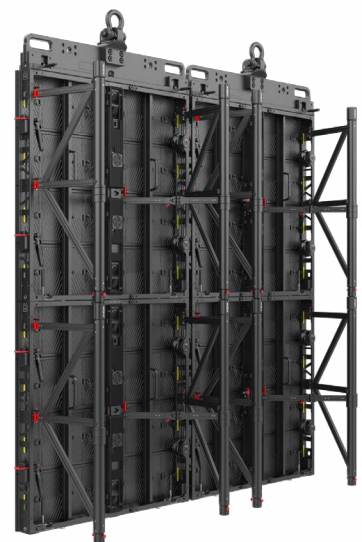
**VST-H:** Opt for the horizontal half-panel, measuring 1000 x 500mm.

**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.



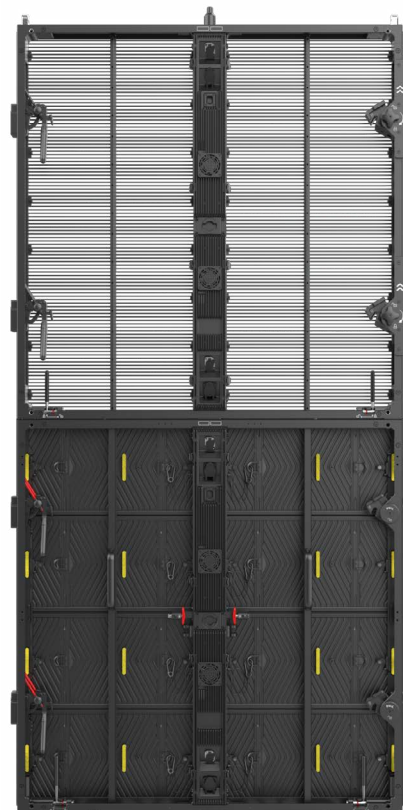
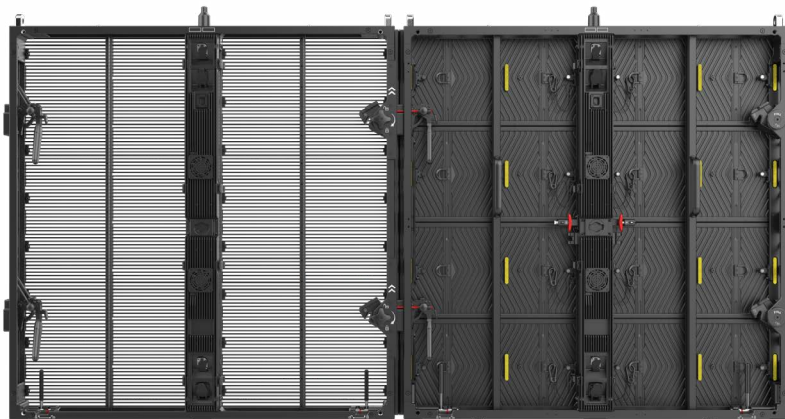
Stacking



Hanging

## Curving Capabilities

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



## Compatible with V8T Series

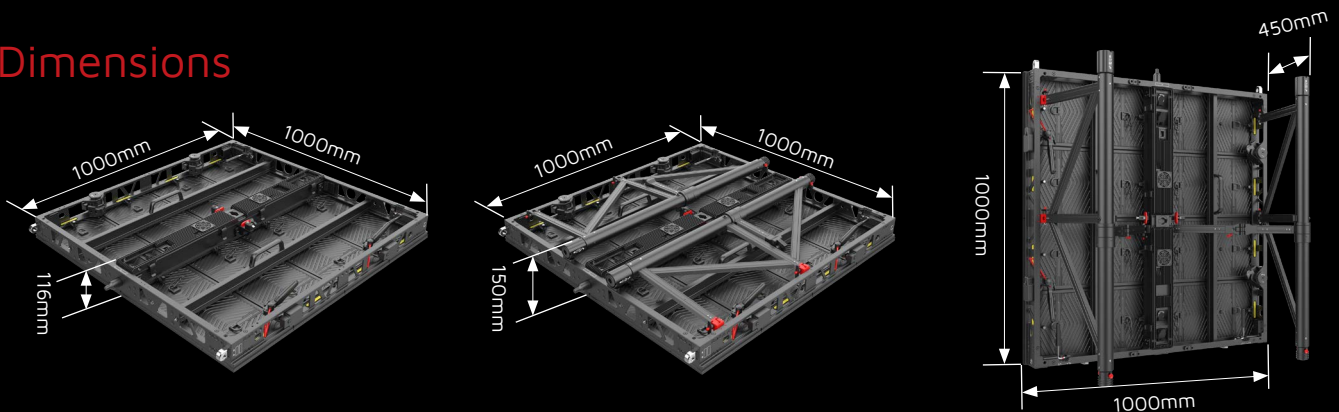
The solid Vanish ST series is fully compatible with the transparent Vanish V8T LED panel. This compatibility allows you to seamlessly integrate VST with your existing V8T LED panels, maximizing the potential of your rental stock.

# Specifications

Vanish Solid Touring	V3ST	V4ST	V6ST
Pixel Pitch	3.9mm	4.6mm	6.94mm
Max Brightness Calibrated	4500nits	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"	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"	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"	1000mm x 1000mm x 450mm 39.4" x 39.4" x 17.72"
Panel Resolution (H x V)	256 x 256	216 x 216	144 x 144
Weight Per Panel (without ladder)	27.5kg; 60.63lbs	27.5kg; 60.63lbs	27.3kg; 60.19lbs
Weight Per Panel (with ladder)	34.5kg; 76.06lbs	34.5kg; 76.06lbs	34.3kg; 75.62lbs
Power Consumption Max / Average	700W / 350W	700W / 350W	700W / 350W
BTU Max / Average	2390 / 1100	2390 / 1100	2390 / 1100
Transparency	Solid	Solid	Solid
Serviceability	Rear	Rear	Rear
Curving (Concave & Convex)	Concave 10°-Convex 10°(optional)	Concave 10°-Convex 10°(optional)	Concave 10°-Convex 10°(optional)
LED Configuration	SMD 1415 Black	SMD 1921 Black	SMD 1921 Black
Viewing Angle Horizontal	160°	160°	160°
Viewing Angle Vertical	120°	120°	120°
Scan Ratio	1/8	1/6	1/4
Refresh Rate	7680Hz	7680Hz	7680Hz
Gray Scale	16bit	16bit	16bit
Frame Material	Magnesium Alloy	Magnesium Alloy	Magnesium Alloy
Processing Platform	Brompton / Megapixel / Evision	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	-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	-40°-60°C, 10-90%RH   -40°-140°F, 10-90%RH
IP Rating	IP65	IP65	IP65
Certifications	CE, ETL, FCC, UKCA	CE, ETL, FCC, UKCA	CE, ETL, FCC, UKCA

\*Note: The Specifications are for reference, actual values may vary.  
 \* The V3ST's external structure design has minor variations.

## Dimensions



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ROE China | ROE US | ROE EU | ROE UK | ROE JP | ROE ME | ROE AUS  
 roe@roevisual.com