KMT ST Series

The Remarkable Outdoor and Indoor Live Events Solution

The KMT 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
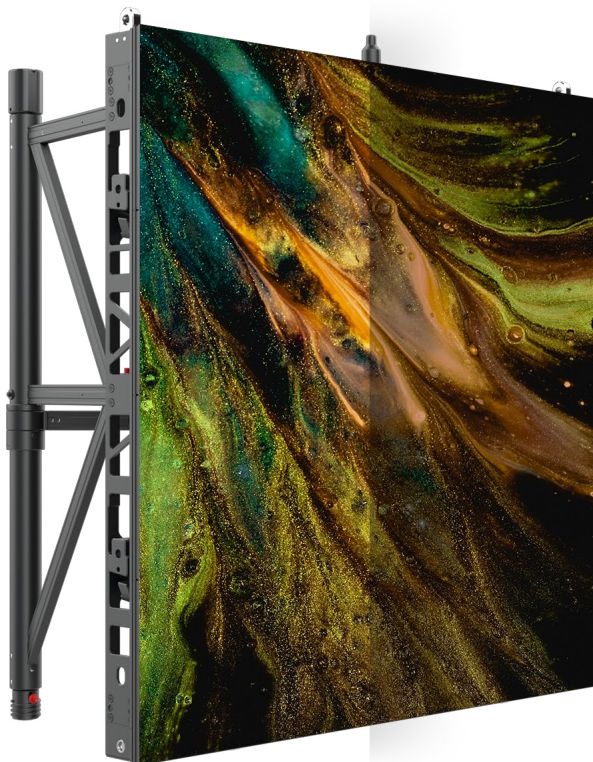a great return on investment.

Integrated Foldable Wind-bracing System

The KMT ST series measures big size with 1000x1000mm, available indoor or outdoor
in pixel pitch of P3.91, P4.81, P6.25, P7.81, P10.42 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-
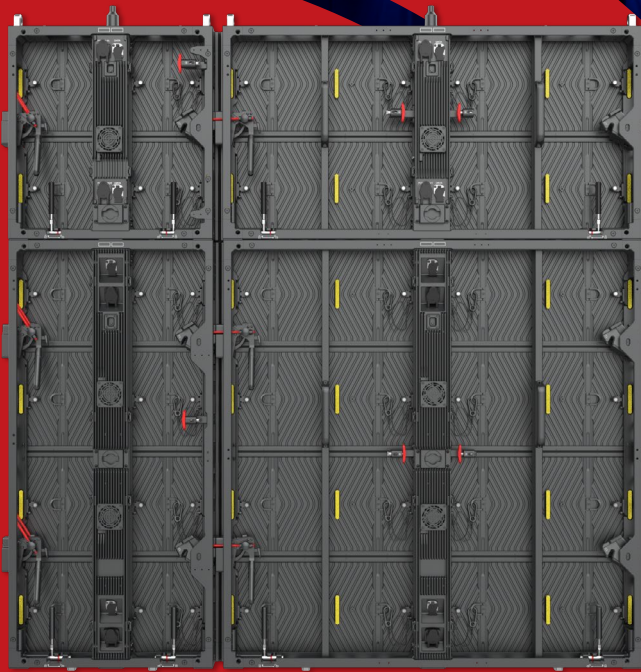scale outdoor event, the KMT ST Series, LED panel is up to the challenge.

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.

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:

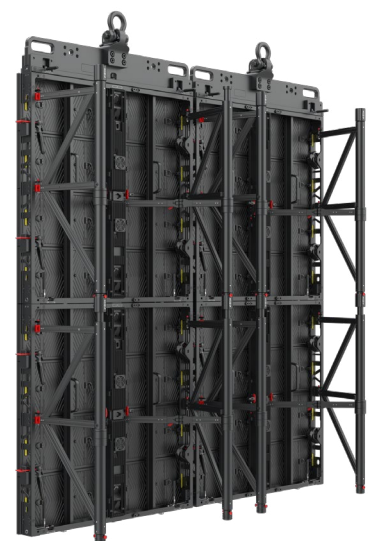**VST-V**: Enhance design sense with the vertical half-panel, sized at 500 x 1000mm (w x h).
VST-H: Opt for the horizontal half-panel, measuring 1000 x 500mm.
VST-Q: Discover the charm of the quarter panel, squared at 500 x 500mm.

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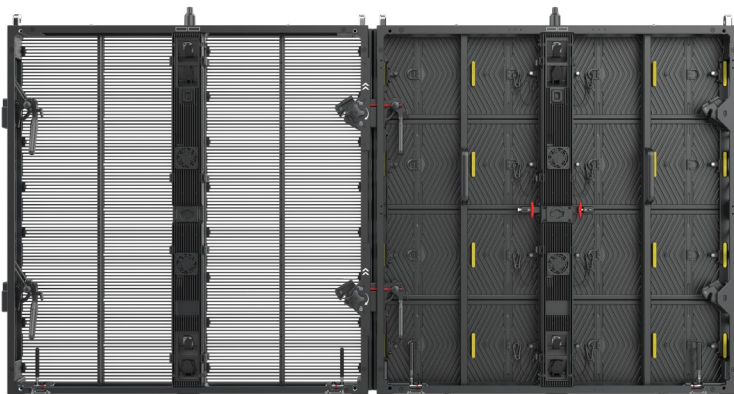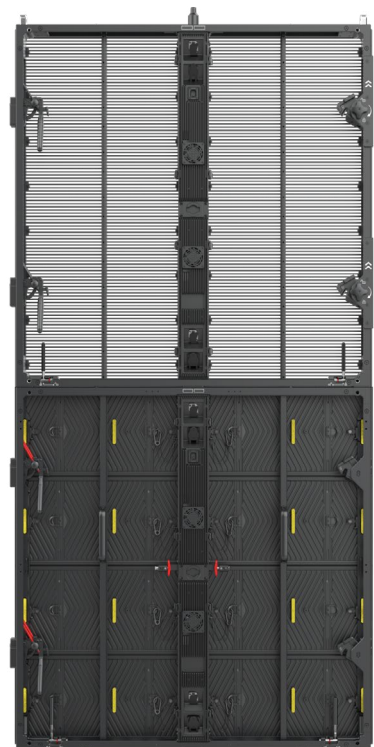
Stacking

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.
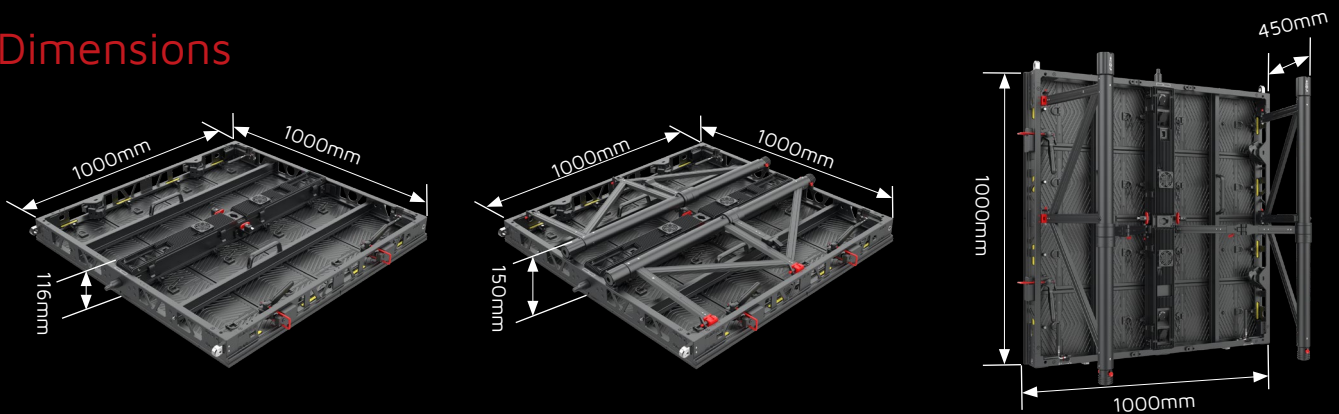

Compatible with V8T Series

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

Pixel Pitch	P3.91	P4.81	P6.25 (Common Cathode)	P7.81 (Common Cathode)	P10.42 (Common Cathode)
LED Type	SMD1921	SMD1921	SMD2727	SMD2727	SMD2727
Physical Density (dots/m²)	65536	43264	25600	16384	9216
Module Resolution	128×64	104×52	80×40	64×32	48×24
Module Size(mm)	500×250				
Cabinet Resolution	256×256	208×208	160×160	128×128	96×96
Cabinet Size(mm)	1000mm x 1000mm (Hot Swap Design)				
Cabinet Weight(kg)	27.5kg(without ladder) 34.5kg(with ladder)				
Maintenance Mode	Front and Back maintenance				
Cabinet Material	Profile cabinet				
Brightness	6000-6500cd	6000-6500cd	6500-7000cd	6500-7000cd	6500-7000cd
Color Temperature(K)	1000-18500 Adjustable	1000-18500 Adjustable	1000-18500 Adjustable	1000-18500 Adjustable	1000-18500 Adjustable
Viewing angle(H/V)	160°/160°				
Grey Level	16 bit				
Contrast Ratio	10000:1				
Frame Frequency	50/60				
Refresh Rate(Hz)	7680Hz				
Drive Mode	1/8 Scan	1/13 Scan	1/5 Scan	1/4 Scan	1/2 Scan
The best viewing distance	4-100m	4-100m	6-150m	8-150m	10-200m
Max Power Consumption(W/m²)	580-850	580-850	≥580	≥580	≥580
Average Power Consumption(W/m²)	100-200	100-200	100-200	100-200	100-200
IP Grade	IP65				
Input Power	AC90-264V,47-63 Hz				
Working Temperature/Humidity (℃/RH)	-20-60℃/10%-85%				
Storage Temperature/Humidity (℃/RH)	-20-60℃/10%-85%				

Dimensions

YOUR STAGE
OUR PASSION