

Taylorleds

VX PRO SERIES

Super Lightweight Unique Panel Sizes

Optimized for Live Venues:
16:9 native with durable LED
packaging.



ULTRA-THIN
DESIGN



SUPER
LIGHTWEIGHT



DURABILITY &
STRUCTURAL INTEGRITY



QUICK
INSTALLATION

VX PRO SERIES 1.9mm, 2.6mm, 3.9mm

ATS | PRO®

EXPERIENCE INNOVATION REAL RESULTS

Masters in the Art of LED



Welcome to ATS-Pro, the exclusive U.S. distributor for Taylorleds. With nearly two decades of experience in the AV industry, I founded ATS-Pro to bring unmatched expertise and innovation to our clients.

Taylorleds, our esteemed partner, is an innovative joint venture with Absen, excelling in design, R&D, and quality control. Absen, a leading Chinese manufacturer, handles production, ensuring top-notch quality. Together, we present the most advanced LED systems, meticulously crafted for superior performance.

At ATS-Pro, our dedicated account managers, top-tier technical support, and industry thought leaders work tirelessly to help you master the art of LED technology. I invite you to explore our brochures and experience innovation at its finest.

Warm regards,

Chris Pelzan

Founder & CEO of ATS-PRO

A New Standard in the Live Event Market

The VX Pro Series is designed to redefine the live event market with its unique cabinet sizes, offering a solution to the long-standing challenge of achieving the ideal 16:9 aspect ratio. Unlike the common 500 × 500 mm and 500 × 1000 mm formats that dominate the market, the VX Pro Series offers both 16:9 and 8:9 panel options, making it ideal for high-precision NPP (Narrow Pixel Pitch) live event applications.

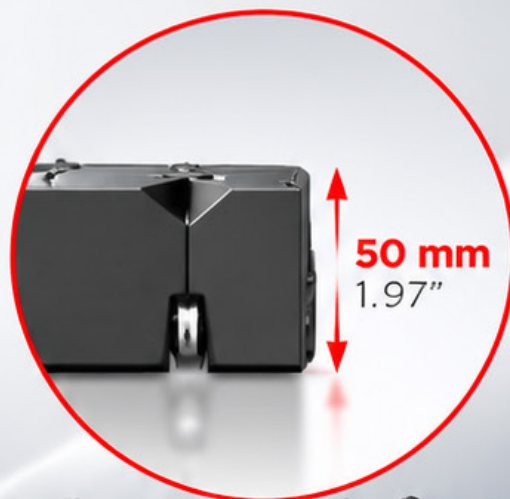
Engineered with advanced materials, VX Pro Series panels are constructed from carbon fiber and magnesium alloy, making them 40% lighter than traditional LED panels while maintaining exceptional structural integrity. At just 50 mm thin, compared with the typical 80 mm, VX Pro is designed for easier transportation, handling, and installation—making it an excellent solution for demanding live event environments.



Extremely Thin

Just under 2" thick panel (50 mm / 1.97").

Most rental panels on the market are 80mm in thickness, whereas the VX Pro panel is only 50mm, saving more space for transportation and installation.



More durable pixel configuration with 2-in-1 IMD.

Our 2-in-1 IMD technology combines two LEDs into a single package, delivering higher durability and better pixel alignment than traditional LED technology. This design offers improved protection against impact and reduces the risk of pixel damage, making it a reliable choice for high-resolution LED displays and demanding rental environments.

Note: All VX Pro pixel pitches feature 2-in-1 IMD technology except the 3.9mm, which uses a SMD configuration.

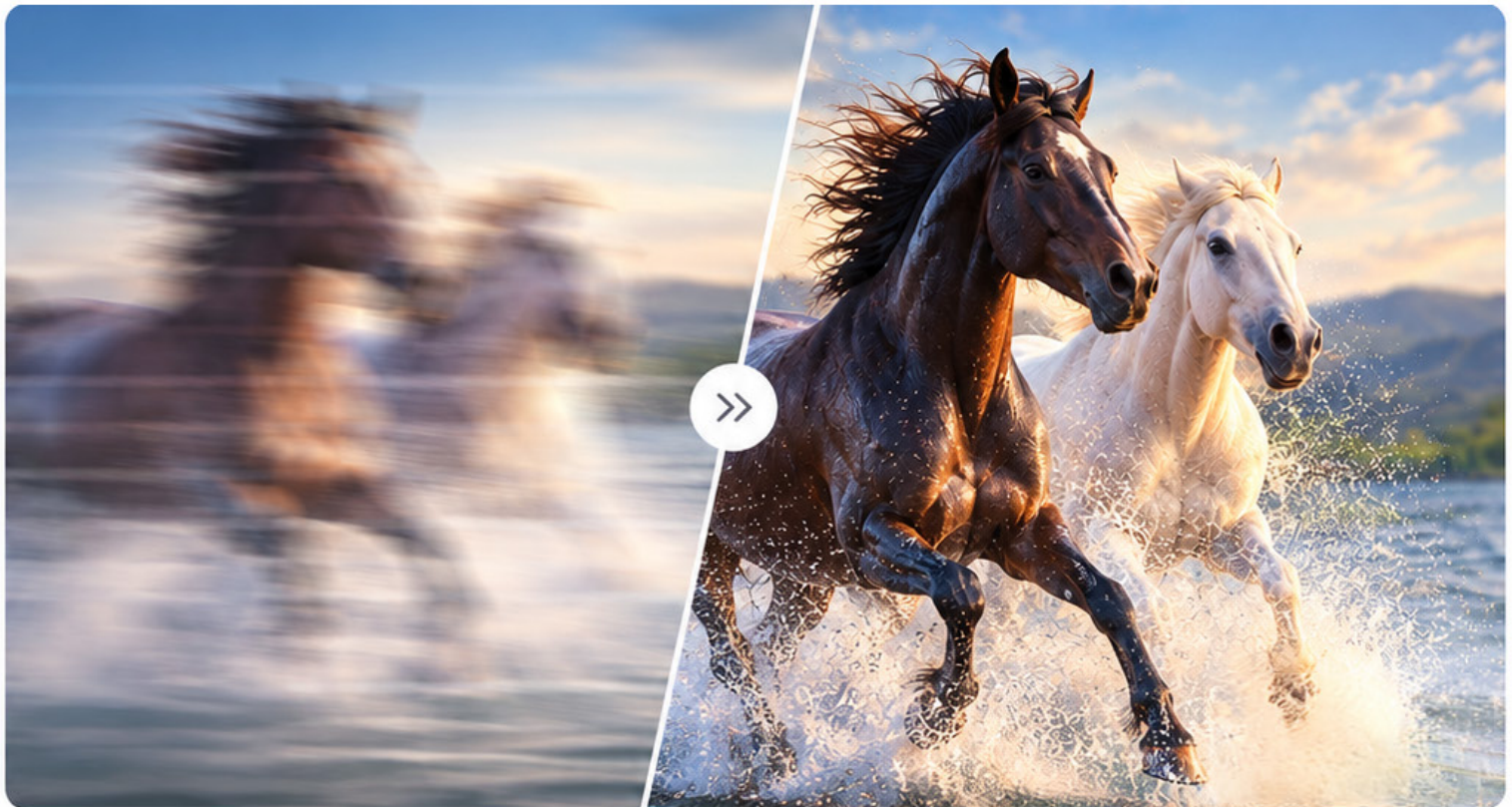


2-in-1 IMD

SMOOTHER MOTION. GREATER IMPACT.

High Refresh Rate: 7680Hz

The VX Pro series features a 7680Hz refresh rate powered by advanced driver ICs and PWM optimization. By extending the pulse width through PAM (Pulse-Amplitude Modulation), the display allows for longer on-times per frame, eliminating visible flicker and ensuring smooth, stable playback—even in low grayscale conditions.

**ELIMINATES
FLICKER**

Stable playback in
any environment.

**SMOOTH
PERFORMANCE**

Clear, natural motion
even in low grayscale.

**ADVANCED
TECHNOLOGY**

Powered by driver ICs,
PWM and PAM

Supreme structural integrity.

Carbon Fiber for Ultimate Tensile Strength

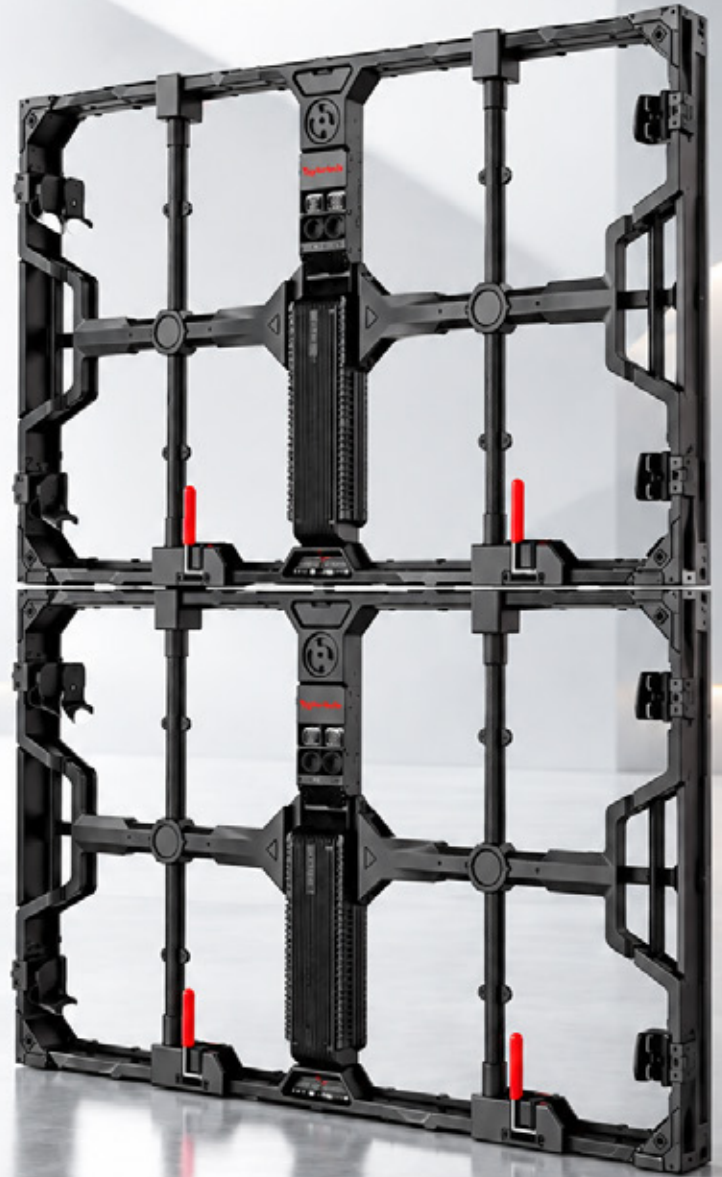
For hanging and stacking, the weight is absorbed by the carbon fiber frame. The VX Pro Series has a max hanging capacity of 20 panels, 2 times compared to conventional rental panels on the market.

Super Lightweight.

The VX Pro panel is made entirely of carbon fiber and magnesium alloy, making it 40% less weight compared with conventional rental panels on the markets

19.0 kg/m² (XL)

10.8 kg per panel



One-person quick build.

Pre-installed magnets simplify installation. The simplified double-lock system makes installation clear and easy. One person can quickly build it.

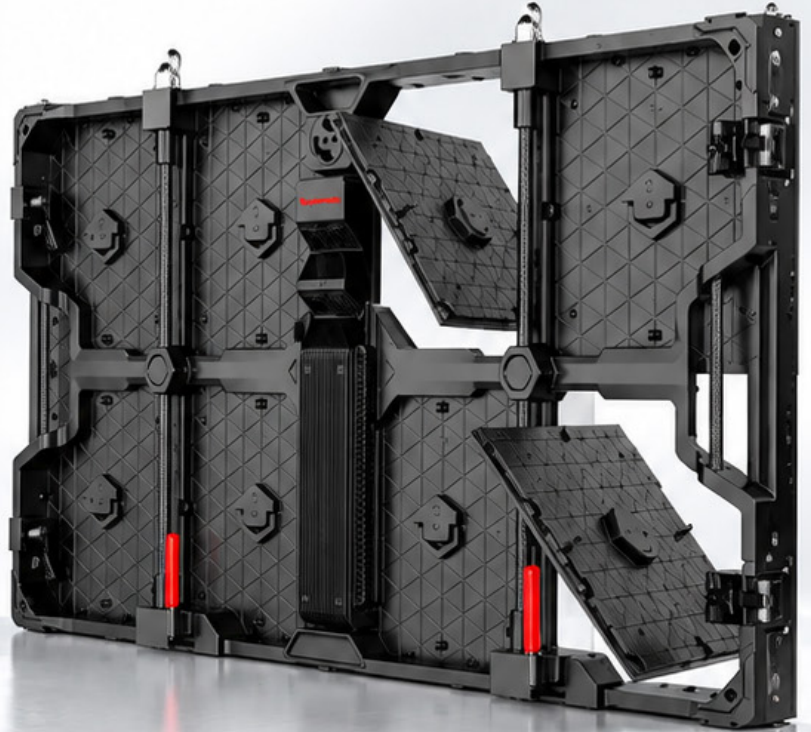


Pre-installed Magnets

Double-lock System

Front & Rear Serviceable

The VX Pro LED display is designed for ultimate convenience and efficiency, featuring both front and rear serviceability. This innovative design ensures that the power units and LED modules can be easily removed and replaced from either side of the display, significantly reducing maintenance time and effort.



One-handed control.

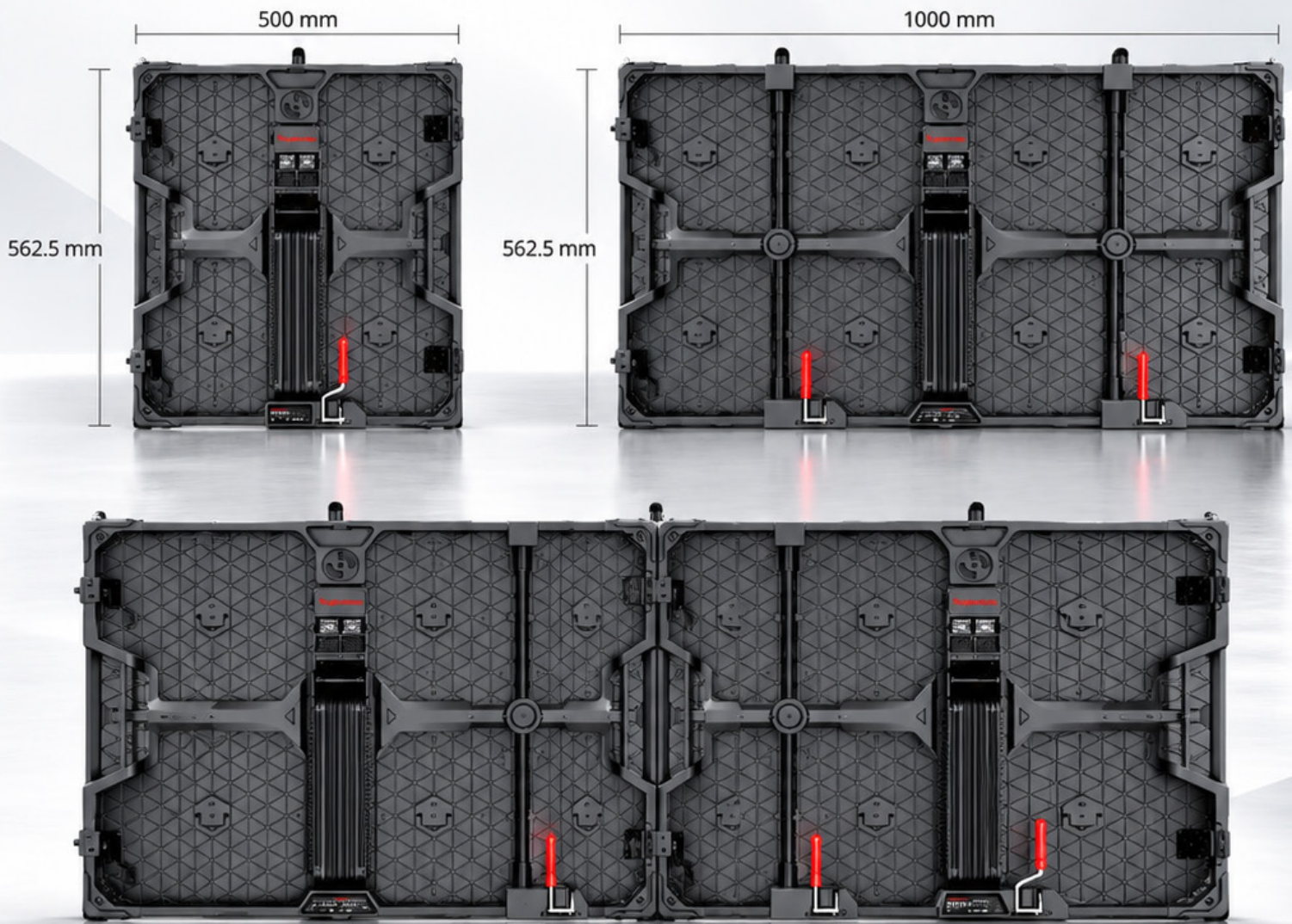
The width of the power box is smaller than that of the mobile phone, only 65mm. Users only need one hand to install the power box, which enables quick installation.

Two panel sizes

8:9 Ratio: 500mm x 562.5mm and

16:9 Ratio: 1000mm x 562.5mm panels

In the rental market, the two dominant cabinet sizes are 500x500 and 500x1000, making it rather difficult to achieve a 16:9 aspect ratio. The VX Pro Series comes with 16:9 and 8:9 panel sizes, and provides the aspect ratio answer for the NPP rental markets.



Standard Resolution Options

Pixel Pitch 1.9mm



Pixel Pitch 2.6mm



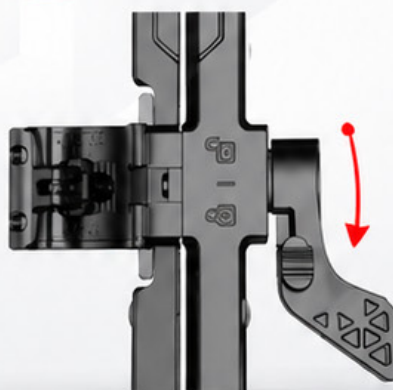
Automatic Corner Protectors

The corner guard is naturally extended, 2mm higher than the screen, to protect the screen from bumps. It retracts naturally when installed.



Cam Lock Connectors

Cam lock connectors for LED panels enable quick and secure connections, making assembly and disassembly fast and tool-free. They ensure stable alignment, prevent gaps, and withstand repeated use, facilitating easy maintenance and adjustments while ensuring a durable and reliable display.

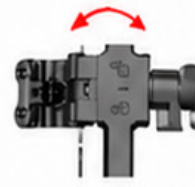


Curve Lock

The curve lock system for concave or convex displays, adjustable from -10° to 10° , enhances the versatility and visual impact of LED installations. It enables seamless curved displays that adapt to various architectural elements.



-10°
(Concave)



0°
(Flat)



10°
(Convex)

Road Case Options

Flight Case: 500mm x 562.5mm

14-in-1 small panel flight case.

Flight Case: 1000mm x 562.5mm

7-in-1 large panel flight case.



Touring Cart Options

1000mm x 562.5mm: 12-in-1 large panel touring cart.

500mm x 562.5mm: 24-in-1 small panel touring cart.

Cabinets are assembled before shipment, allowing for quick screen installation upon arrival. The touring cart can be disassembled for storage to save warehouse space.



Hanging Option

Designed for simplicity and efficiency, our ultra-lightweight hanging bars feature built-in curve plates and level adjustment knobs. This design ensures easy operation and adds flexibility for various event setups.



Pro Floor Stacking

Designed by industry veterans, this universal stacking system for LED panels combine ease of use with exceptional reliability. A twist-and-lock clamp enables rapid setup and teardown for concert tours, while the built-in curve-latch system maximizes creative possibilities—all while ensuring rock-solid stability and performance throughout the event.



Standard Floor Stacking

This affordable stacking system for LED panels offers exceptional reliability with easy setup and teardown for events while delivering consistent stability and performance.

Wind Bracing System

Designed for large scaled wall hanging where wind is a factor, our robust and lightweight wind bracing system is engineered to withstand harsh covered semi-outdoor conditions, ensuring stability even in strong winds. Designed for efficiency, it allows for quick installation and easy on-site servicing, including module and panel replacement. Its stackable design optimizes warehousing and transportation space, while the carbon fiber and aluminum profile construction provides exceptional strength without adding much weight. The foldable modular design allows for compact storage and enables fast setup and teardown, making it ideal for hanging and ground stacking applications.

Note: Special order of customized panels required for the Wind Bracing System





VX Curve

The VX curving LED panels are fitted with multi-functional handles. You can easily create curves up to 45 degrees by rotating the handles in small and precise steps to the desired curving angle. The resulting curved LED display will offer a flawless canvas at any angle.



-45°



0°



+45°

VX Corner

Designed to fit seamlessly into 90-degree corners, these panels maximize space while maintaining a clean, streamlined look.



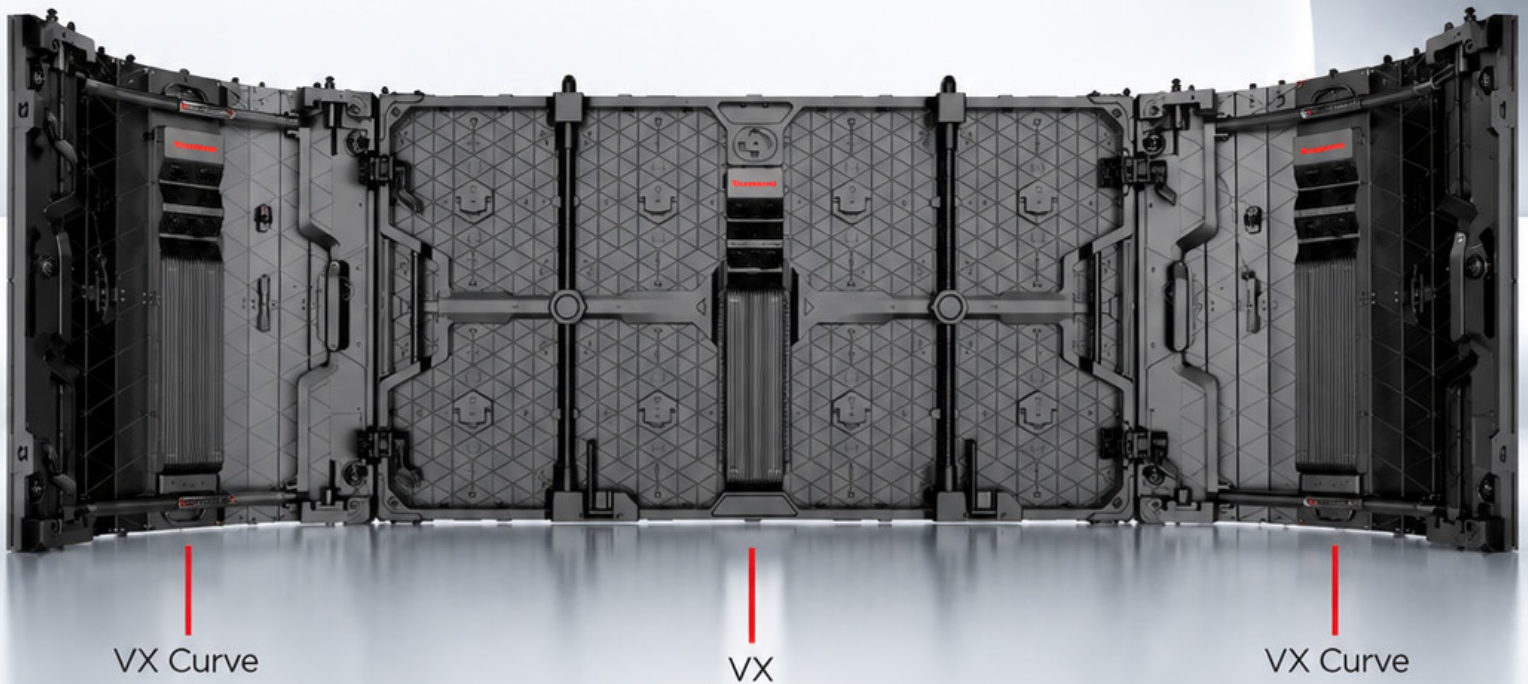
Unlock Creative Corner Visuals.

Create impactful corner visuals, ensuring smooth playback and dependable performance.



Compatible with VX Series

The VX Curve and VX panels are Compatible. Combining both LED panels on one wall, you can create any perfect shape.



Specifications

ATS-PRO VX Pro - Series.

Specifications	VX Pro 1.9	VX Pro 2.6	VX Pro 3.9	VX Pro 1.9 XL	VX Pro 2.6 XL	VX Pro 3.9 XL
LED Type	IMD 2-in-1	IMD 2-in-1	SMD2020	IMD 2-in-1	IMD 2-in-1	SMD2020
Pixel Pitch (mm)	1.95	2.6	3.9	1.95	2.6	3.9
Panel Dimensions (W*H*D)/(mm)	500 x 562.5 x 49	500 x 562.5 x 49	500 x 562.5 x 49	1000 x 562.5 x 49	1000 x 562.5 x 49	1000 x 562.5 x 49
Panel Weight (kg)	5.5	5.5	5.5	10.5	10.5	10.5
Pixel Per Panel (w, h)	256 x 288	192 x 216	128 x 144	512 x 288	384 x 216	256 x 144
Panel Material	Die Cast Magnesium & Carbon Fiber	Die Cast Magnesium & Carbon Fiber	Die Cast Magnesium & Carbon Fiber	Die Cast Magnesium & Carbon Fiber	Die Cast Magnesium & Carbon Fiber	Die Cast Magnesium & Carbon Fiber
Module Dimensions (W*H)/(mm)	250 x 281.25	250 x 281.25	250 x 281.25	250 x 281.25	250 x 281.25	250 x 281.25
Brightness (nit)	1000	1000	800	1000	1000	800
Refresh Rate (Hz)	7680	7680	7680	7680	7680	7680
Grayscale (bit)	16	16	16	16	16	16
Contrast Ratio	6000:1	6000:1	6000:1	6000:1	6000:1	6000:1
Color Temperature (K)	6500	6500	6500	6500	6500	6500
Viewing Angle (H/V) (°)	160/160	160/160	160/160	160/160	160/160	160/160
Driving Type	1/24	1/27	1/18	1/24	1/27	1/18
AC Operating Voltage (V)	100~240	100~240	100~240	100~240	100~240	100~240
Power Consumption (Max./Avg.) (W/m ²)	600/200	600/200	600/200	600/200	600/200	600/200
Storage Temperature (°C)	-40~ + 60	-40~ + 60	-40~ + 60	-40~ + 60	-40~ + 60	-40~ + 60
Operating Temperature (°C)	-10~ + 40	-10~ + 40	-10~ + 40	-10~ + 40	-10~ + 40	-10~ + 40
Storage Humidity (RH)	10%~90%	10%~90%	10%~90%	10%~90%	10%~90%	10%~90%
Operating Humidity (RH)	10%~90%	10%~90%	10%~90%	10%~90%	10%~90%	10%~90%
IP Rating (Front/Rear)	IP40/IP21	IP40/IP21	IP40/IP21	IP40/IP21	IP40/IP21	IP40/IP21
LED Lifetime (H)	100000	100000	100000	100000	100000	100000
Module Maintenance	Front or Rear	Front or Rear	Front or Rear	Front or Rear	Front or Rear	Front or Rear
PSU & Other Maintenance	Front or Rear	Front or Rear	Front or Rear	Front or Rear	Front or Rear	Front or Rear
Panel Installation Type	Hanging / Stacking	Hanging / Stacking	Hanging / Stacking	Hanging / Stacking	Hanging / Stacking	Hanging / Stacking
Max Rigging QTY	20	20	20	20	20	20
Certification	CE, RoHS, ETL, FCC	CE, RoHS, ETL, FCC	CE, RoHS, ETL, FCC	CE, RoHS, ETL, FCC	CE, RoHS, ETL, FCC	CE, RoHS, ETL, FCC

Specifications subject to change. Please contact ATS-Pro for updated specifications.

Specifications

ATS-PRO VX Pro - Series.

Specifications	VX Pro 1.9 Corner	VX Pro 2.6 Corner	VX Pro 3.9 Corner	VX Pro 1.9 Curve	VX Pro 2.6 Curve	VX Pro 3.9 Curve
LED Type	IMD 2-in-1	IMD 2-in-1	SMD2020	IMD 2-in-1	IMD 2-in-1	SMD2020
Pixel Pitch (mm)	1.95	2.6	3.9	1.95	2.6	3.9
Panel Dimensions (W*H*D)/(mm)	250 x 562.5 x 84	250 x 562.5 x 84	250 x 562.5 x 84	500 x 562.5 x 69	500 x 562.5 x 69	500 x 562.5 x 69
Panel Weight (kg)	4.8	4.8	4.8	8	8	8
Pixel Per Panel (w, h)	128 x 288	96 x 216	64 x 144	256 x 288	192 x 216	128 x 144
Panel Material	Aluminum	Aluminum	Aluminum	Die Cast Aluminum	Die Cast Aluminum	Die Cast Aluminum
Module Dimensions (W*H)/(mm)	250 x 281.25	250 x 281.25	250 x 281.25	250 x 281.25	250 x 281.25	250 x 281.25
Brightness (nit)	1000	1000	800	1000	1000	800
Refresh Rate (Hz)	7680	7680	7680	7680	7680	7680
Grayscale (bit)	16	16	16	16	16	16
Contrast Ratio	6000:1	6000:1	6000:1	6000:1	6000:1	6000:1
Color Temperature (K)	6500	6500	6500	6500	6500	6500
Viewing Angle (H/V) (°)	160/160	160/160	160/160	160/160	160/160	160/160
Driving Type	1/24	1/27	1/18	1/24	1/27	1/18
AC Operating Voltage (V)	100~240	100~240	100~240	100~240	100~240	100~240
Power Consumption (Max./Avg.) (W/m ²)	600/200	600/200	600/200	600/200	600/200	600/200
Storage Temperature (°C)	-40~ + 60	-40~ + 60	-40~ + 60	-40~ + 60	-40~ + 60	-40~ + 60
Operating Temperature (°C)	-10~ + 40	-10~ + 40	-10~ + 40	-10~ + 40	-10~ + 40	-10~ + 40
Storage Humidity (RH)	10%~90%	10%~90%	10%~90%	10%~90%	10%~90%	10%~90%
Operating Humidity (RH)	10%~90%	10%~90%	10%~90%	10%~90%	10%~90%	10%~90%
IP Rating (Front/Rear)	IP40/IP21	IP40/IP21	IP40/IP21	IP40/IP21	IP40/IP21	IP40/IP21
LED Lifetime (H)	100000	100000	100000	100000	100000	100000
Module Maintenance	Front or Rear	Front or Rear	Front or Rear	Front	Front or Rear	Front or Rear
PSU & Other Maintenance	Front or Rear	Front or Rear	Front or Rear	Front	Front or Rear	Front or Rear
Panel Installation Type	Hanging / Stacking	Hanging / Stacking	Hanging / Stacking	Fixed	Hanging / Stacking	Hanging / Stacking
Max Rigging QTY	20	20	20	-	20	20
Certification	CE, RoHS, ETL, FCC	CE, RoHS, ETL, FCC	CE, RoHS, ETL, FCC	ETL, CE, FCC	CE, RoHS, ETL, FCC	CE, RoHS, ETL, FCC

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