

VS / VSXL Pro Series

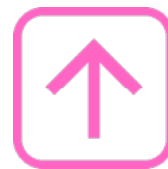
VS (VAPOR) PRO SERIES INDOOR LIVE EVENT 1:1 RATIO

ATS
PRO®

VAPOR

2023 ATS-PRO VS PRO SERIES MODULAR INDOOR LED MADE FOR ATS-PRO BY:

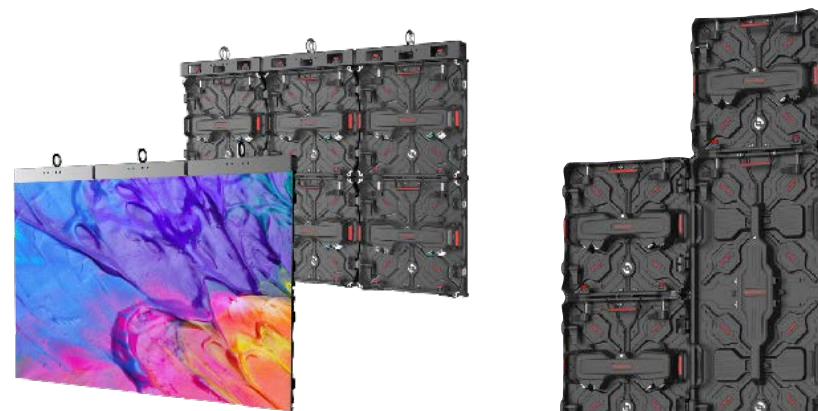
Taylorleds



Elevate the LED Experience

Taylorleds is an innovative, integrity minded joint-venture focused on providing State of the Art LED products. Absen owns 80% of Taylorleds and manufactures most of Taylorleds LED Display products while Design, R&D and QC are handled by Taylorleds. Absen is a public-listed Chinese LED Display manufacturer.

With decades of experience dealing in OEM manufacturing and our Un-matched Internal Design and Engineering, ATS-Pro introduces our newest and most advanced line of indoor LED systems. Every facet of the Design has been meticulously thought out. Mechanical Design, Visual Graphic Electronics, Installation, Reliability, Service and Support, Multiple Resolutions and LED Processing Systems to fit any budget.



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Unrivaled Graphics Performance

Novastar A10s Pro Card and MX COEX Series VMP Platform



NovaStar's solution is specially designed for camera shooting scenarios, and can effectively solve problems with black field and scan lines. This solution features industry-leading image boosting technology, which helps users create shooting scenes more comparable to real environments. This solution is driven by NovaStar's all-new LED control platform VMP, which integrates design, monitoring, and management, bringing users the ultimate control experience.

Frame Multiplexing

Supports frame multiplexing allowing users to reframe multiple video feeds in the same time field. Utilizing the camera's genlock phase offset, it becomes possible to output multiple effects simultaneously within a single shooting scene, improving work efficiency and reducing cost.



Shutter Fit

Supports synchronization of LED display refresh rate and camera shutter parameters, allowing the LED display to automatically adapt to camera exposure time and frequency, alleviating scan lines.



Phase Offset

Adjusting the output phase offset value allows the LED display and camera to perfectly match. This helps prevent black field and image tearing from being captured by the camera when shooting the LED display.



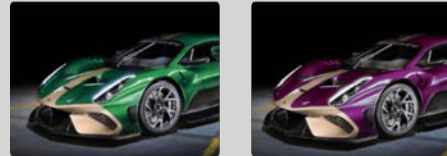
HFR

Supports high frame rates up to 120Hz, 144Hz, or even 240Hz. This allows smooth representation of video featuring high-speed moving objects.



Color Replacement

Supports unrestricted color replacement, with minimal impact on other colors.



14CH Color Correction

Precise adjustment of hue, saturation, and brightness of primary, secondary and tertiary colors, with basic adjustment of black and white, ensuring perfect colors that retain their intended beauty.



A10s Pro card works with all Novastar Processors such as the H-Series, VX and MCTRL but does not offer all of the features of the MX Series Processors.

Unrivaled Graphics Performance

VS Pro turbo-charged with the A10sPro Card and MX COEX Series VMP Platform



By making the the VS Pro come standard with the Novastar A10s Pro Receiving Card, we upgraded the IC's to take full advantage of the most powerful Graphics Engine and Processing available on the market today. With the exceptional, elegant design of the VS Pro Series and the Powerful new COEX MX Series Processors , the VS Pro Elevates the LED Experience by providing - State of the Art - color, operational control and advanced Camera Correction features.

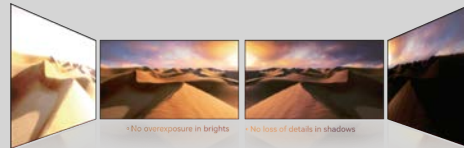
Color Curve + 3D LUT

Curve adjustment and importing of 3D LUT files let you manage color in creative and artistic ways, just like a Hollywood colorist.



Contrast + Black level

Allows independent adjustment of highlights and shadows by contrast and black level, avoiding overexposure in bright content but delivering rich details in dark content.



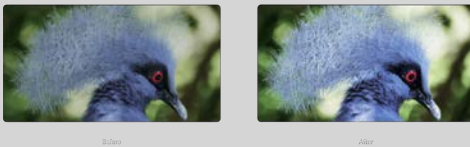
Scenario Presets

Different display requirements are necessary to meet the needs of different shooting scenarios. Presets allow users to save settings in advance, including brightness, color temperature, gamma, and more, all retrievable with a single button press.



Dual Image Booster

The all-new MX series solution is equipped with Image Booster 2.0 and Dynamic Booster technologies, which can improve the performance of grayscale, color and contrast ratio, creating an immersive view to fulfill the requirements necessary for xR applications.



MX40 PRO

MX40 PRO and VMP software is an all-new display control software that integrates design, management, and monitoring into one single powerful platform when paired with the A10s Pro receiving card for stunning image quality.



MX30 - SF Exclusive to ATS-Pro

MX30 - SF and VMP software is an all-new display control software that integrates design, management, and monitoring into one single powerful platform when paired with the A10s Pro receiving card for stunning image quality.



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Unrivaled Panel Design



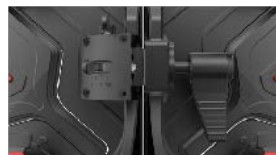
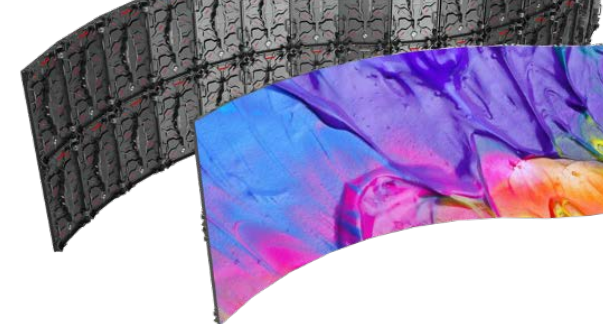
Pro Features

Anti Collision Design
Designed for maximum protection during install and transportation

Magnetic Assisted Assembly
Magnets located in the top of the panel for easy alignment and fast installation.

Curve Lock
Curve lock system for Concave or Convex wave screen design with -5° to $\pm 10^\circ$

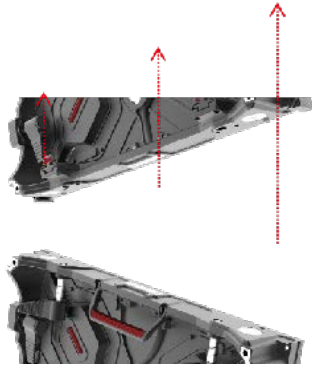
Endless Possibilities
Curve lock system for Concave or Convex wave screen design with -5° to $\pm 10^\circ$ or specialized corners, circles and triangles. The same frame supports 1.9mm / 2.6mm / 3.9mm, allowing customers to upgrade to a tighter pitch



Unrivaled Panel Design



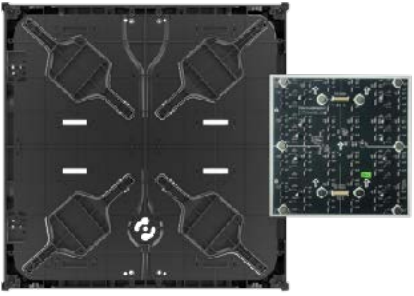
New Panel Connection
Locks will automatically engage. Six magnets on each frame to make the install effortless.



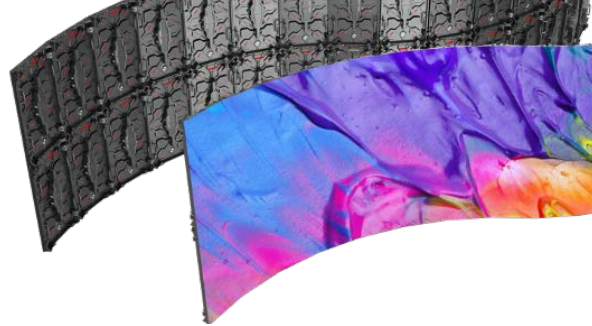
Independent Power Box
The All-in-One Power Box can be hot swappable for quick service.



Modules
No Left and Right Module. Module without plastic housing for better flatness and heat dissipation



Unrivaled Mounting Options



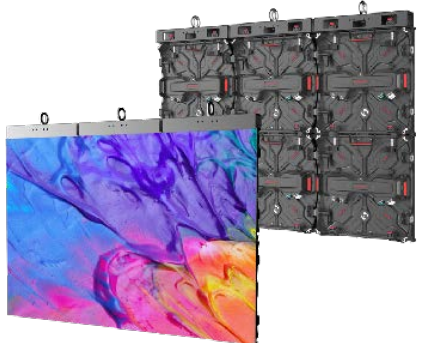
Stacking

Designed by Industry Veterans. The universal stacking systems is easy to use with expert reliability.



Rigging System

Super lightweight and simple to use Hanging Bars with integrated Curve Plates.



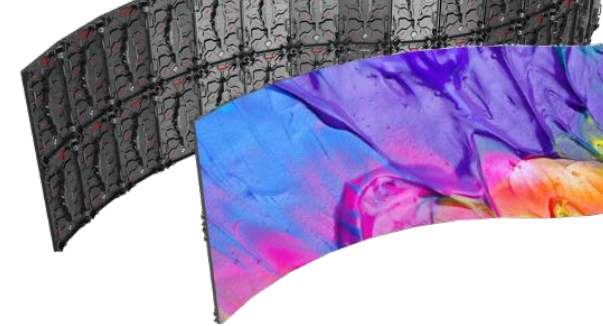
Flight Case

Superior 7 in 1 flight case for 500x500mm cabinets. Optimum sizing for US/EU Truck and Sea Freight container capacities. Available with Elcom auto alignment wheels.



Specifications

NEW VS PRO SERIES



Taylorleds

Specifications	VS Pro 1	VS Pro 2	VS Pro 3
LED Type	SMD 3in1 1515	SMD 3in1 1515	SMD 3in1 2121
Pixel Pitch (mm)	1.95mm	2.6mm	3.9mm
Panel Dimensions (WxHxD)(mm)	500*500*75	500*500*75	500*500*75
Pixel Per Panel	256*256	192*192	128*128
Panel Weight (kg)	7.5	7.5	7.5
Panel Material	Die Castina Aluminum	Die Castina Aluminum	Die Castina Aluminum
Module Dimensions (WxH)(mm)	250*250	250*250	250*250
Brightness (nit)	800	1200	1200
Refresh Rate (Hz)	1920/3840	3840	3840
Gray scale	14 Bit	14 Bit	14 Bit
Contrast Ratio	5500:1	6500:1	9000:1
Color Temperature (K)	6500	6500	6500
Viewing Angle (H/V) (°)	140/140	140.120	140/140
Driving Type	1/32	1/24	1/16
AC Operating Voltage (V)	100~240V	100~240V	100~240V
Power Consumption (Max./Avg.)(W/m2)	438/146	740/246	540/180
Storage Temperature (°C)	-40~+60	-40~+60	-40~+60
Operating Temperature (°C)	-10~+40	-10~+40	-10~+40
Storage Humidity (RH)	10%~90%	10%~90%	10%~90%
Operating Humidity (RH)	10%~90%	10%~90%	10%~90%
IP Rating (Front/Rear)	IP40/IP21	IP40/IP21	IP40/IP21
LED Lifetime (H)	100000	100000	100000
Module Maintenance	Front/Rear	Front/Rear	Front/Rear
PSU & Others Maintenance	Rear	Rear	Rear
Panel Installation Type	Hanging /Stacking	Hanging /Stacking	Hanging /Stacking
Max Rigging QTY.	10	10	10
Certificate	CE,ETL,FCC	CE,ETL,FCC	CE,ETL,FCC

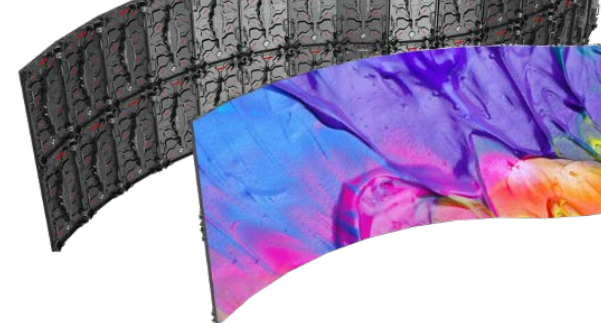
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Specifications

NEW VSXL PRO SERIES



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LED Type	SMD 3in1 1515	SMD 3in1 1515	SMD 3in1 2121
Pixel Pitch (mm)	1.95mm	2.6mm	3.9mm
Panel Dimensions (WxHxD)(mm)	500*1000*75	500*1000*75	500*1000*75
Pixel Per Panel	256*512	192*384	128*256
Panel Weight (kg)	13	13	13
Panel Material	Die Castina Aluminum	Die Castina Aluminum	Die Castina Aluminum
Module Dimensions (WxH)(mm)	250*250	250*250	250*250
Brightness (nit)	800	1200	1200
Refresh Rate (Hz)	1920/3840	3840	3840
Gray scale	14 Bit	14 Bit	14 Bit
Contrast Ratio	5500:1	6500:1	9000:1
Color Temperature (K)	6500	6500	6500
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Storage Temperature (°C)	-40~+60	-40~+60	-40~+60
Operating Temperature (°C)	-10~+40	-10~+40	-10~+40
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