VE Pro Series

VAPOR EDGE PRO SERIES LIVE EVENT LED PANEL SYSTEM
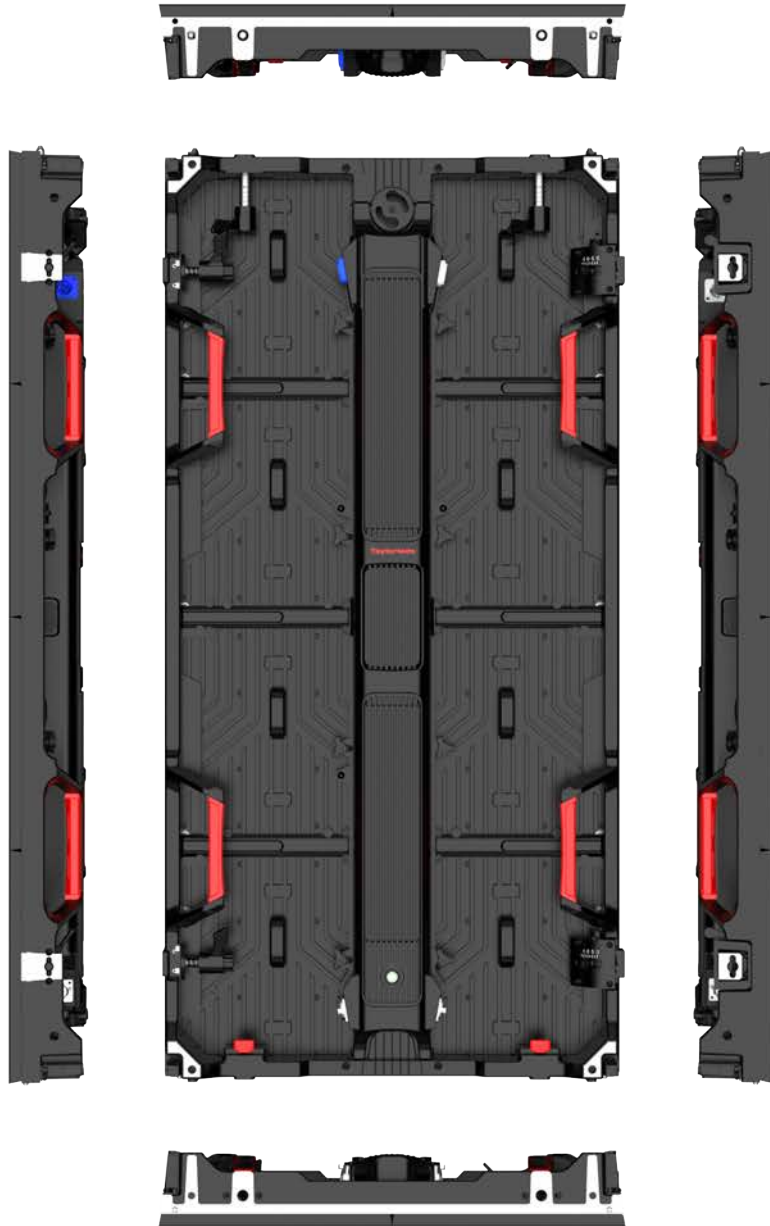
ATS PRO®

2024 ATS-PRO VE PRO SERIES MODULAR LED MADE BY **Taylorleds**   www.ATS-Pro.com   1-800-755-3235

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 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.

Elevated 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 expo- sure 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.
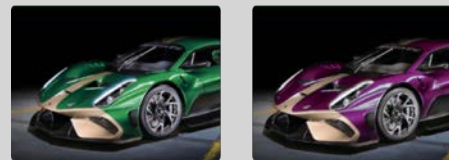
HFR

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

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 30SF and MX40 Pro Series Processors.

ATS PRO

Elevated Graphics Performance

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

By making the the VE 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.
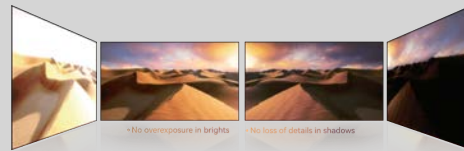
Color Curve + 3D LUT

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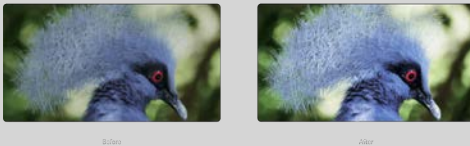
MX40 PRO and VMP software is an all-new display control software that integrates design, management, and monitoring into one single powerful platform when paired with the A10s Pro receiving card for stunning image quality.

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.

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 30SF and MX40 Pro Series Processors.
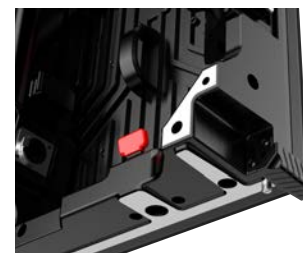
ATS PRO®

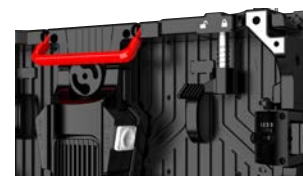# Elevated Panel Design
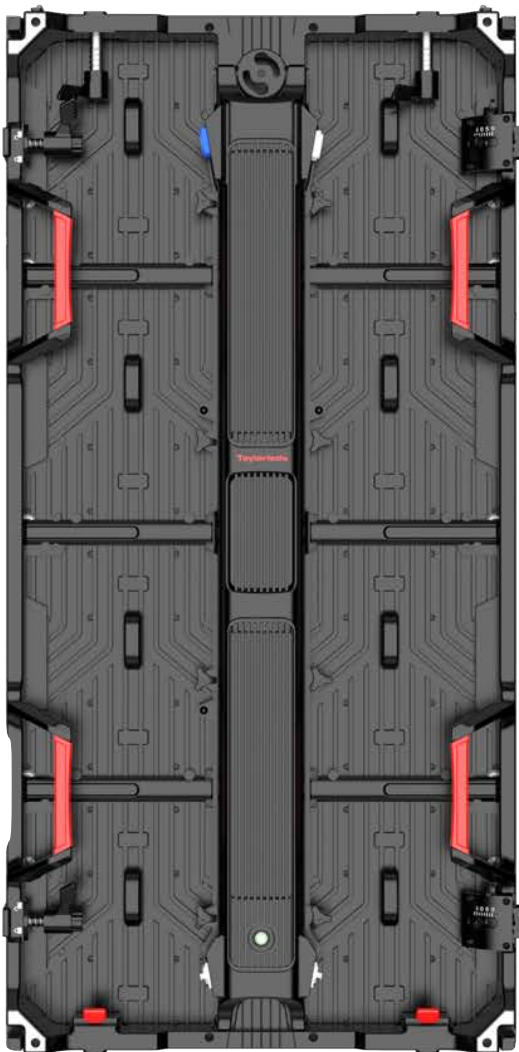
Pro Features

Anti Collision Design
Designed for maximum protection during install
and transportation

Curve Lock
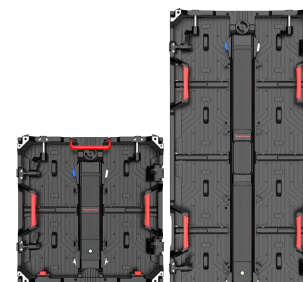Curve lock system for Concave or Convex wave
screen design with -5° to ±10°

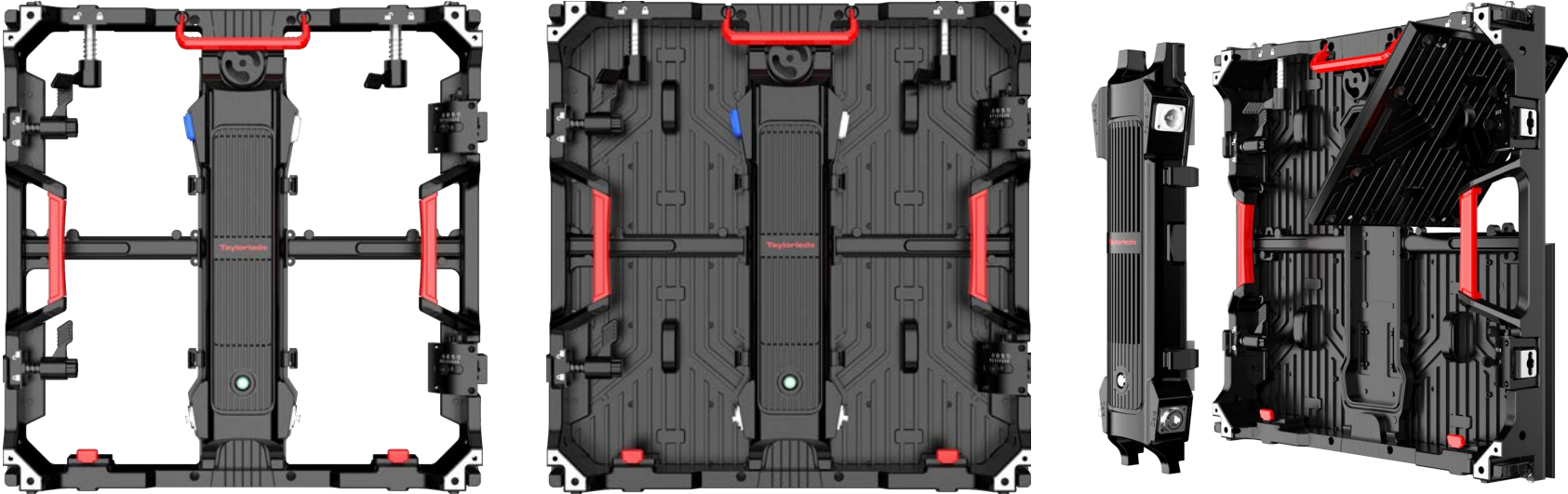**Elevated Graphics**
Novastar A10sPro Graphics Card as standard.

Panel Sizes
500mm x 500mm and 500mm x 1000mm

Elevated Panel Design

500mm x 500mm Panel

Elevated Panel Design   **500mm x 1000mm Panel**
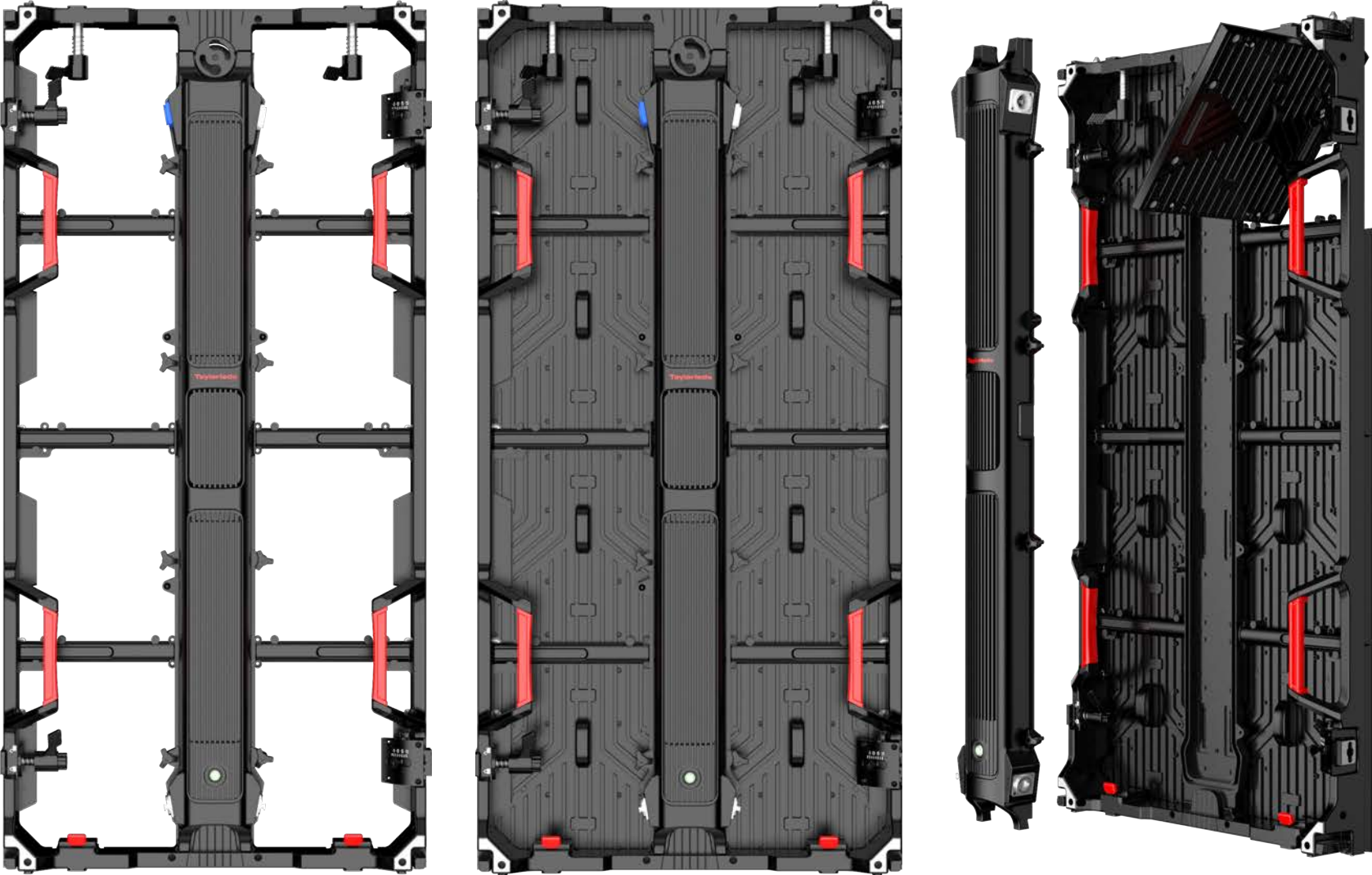
Optional 3.9mm Outdoor IP65/54 Rated Panels

(2) Panel Sizes
500mm x 500mm and 500mm x 1000mm
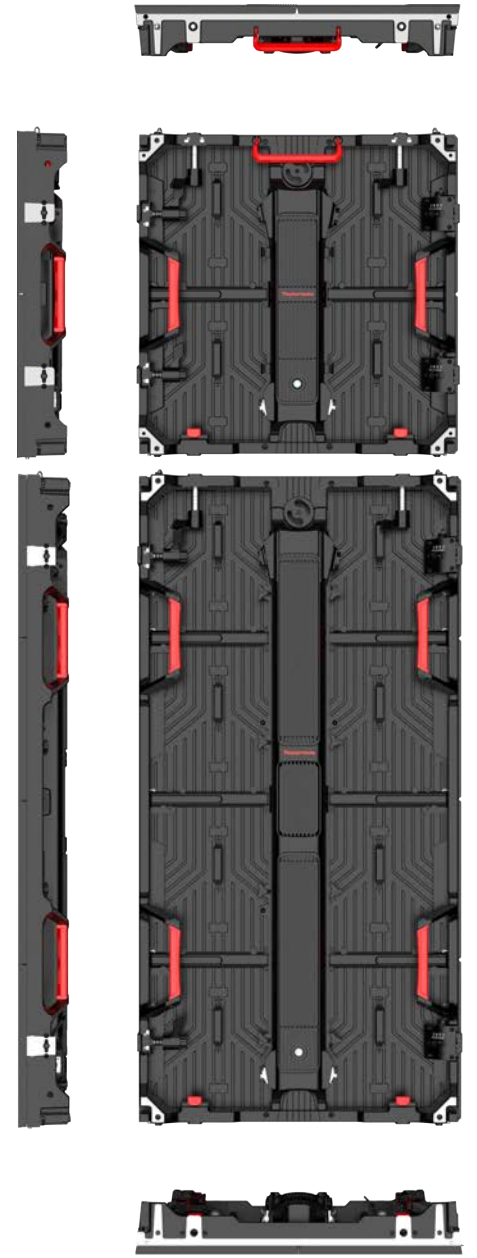
Optional 4 sided 45 degree angle Panels

Creative Applications
500mm x 500mm Panel for 5 or 4 sided Cubes, Rectangles, Corners and more…
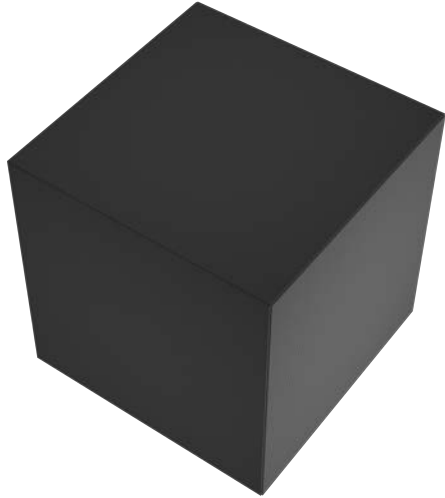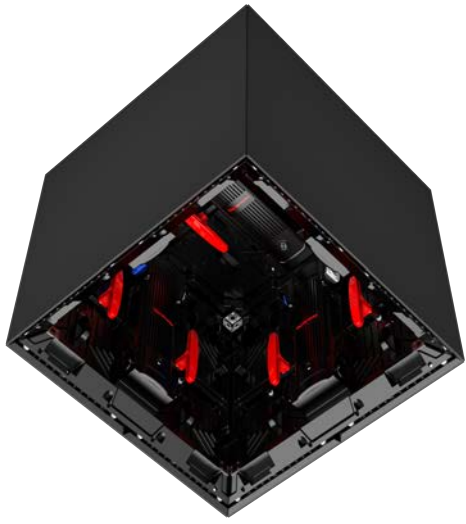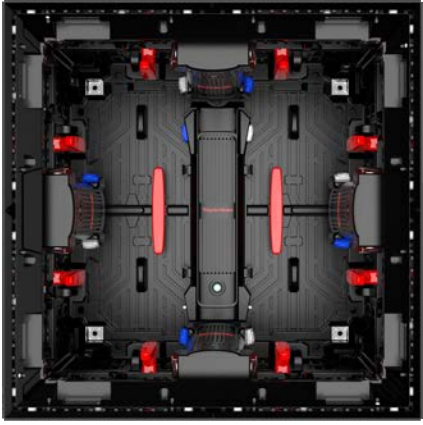
Road Case Options

Flight Case 500xmm x 500mm
Superior 8 in 1 flight case for 500x500mm cabinets.

Flight Case 500xmm x 1000mm
Superior 5 in 1 flight case for 500x1000mm cabinets.

Hanging Options

Rigging System
Super lightweight and simple to use Hanging Bars with integrated Curve Plates.
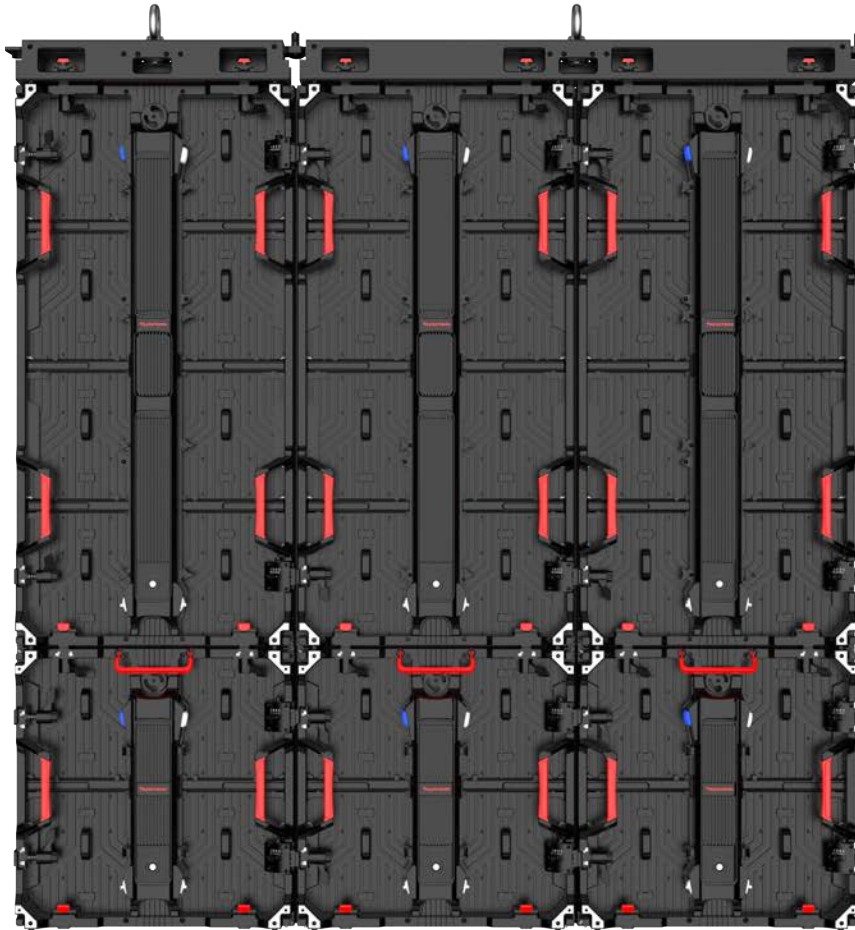
500mm Option

1000mm Option

Hang Bar Case

Advanced Tour Stacking Option

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

Standard Stacking Option

Stacking
Affordable Stacking System designed by Industry Pros.

Elevated LED and Video Processing Options

ATS-Pro is the largest Novastar Distributor in North America with Technical Support 2nd to none.

MX40 Pro

The MX40 Pro is a flagship all-in-one LED display controller with 20 Ethernet ports in the new control system COEX series. This controller integrates video processing and video control into one box and offers rich video input connectors (HDMI 2.0, DP 1.2 and 12G-SDI), 20x Ethernet output ports and 4x 10G optical ports. It can also work with the brand-new software VMP Software to provide a better operation and control experience.
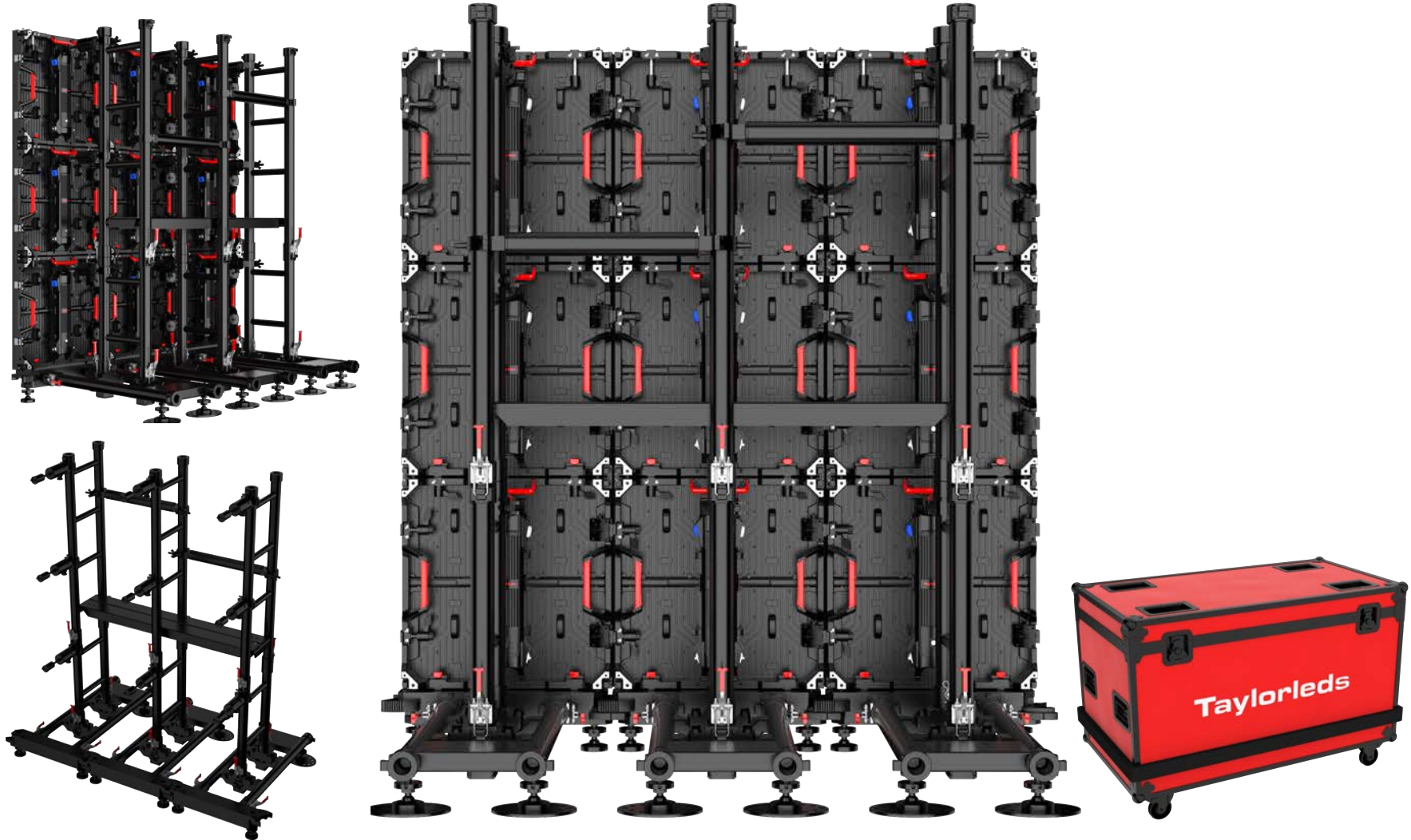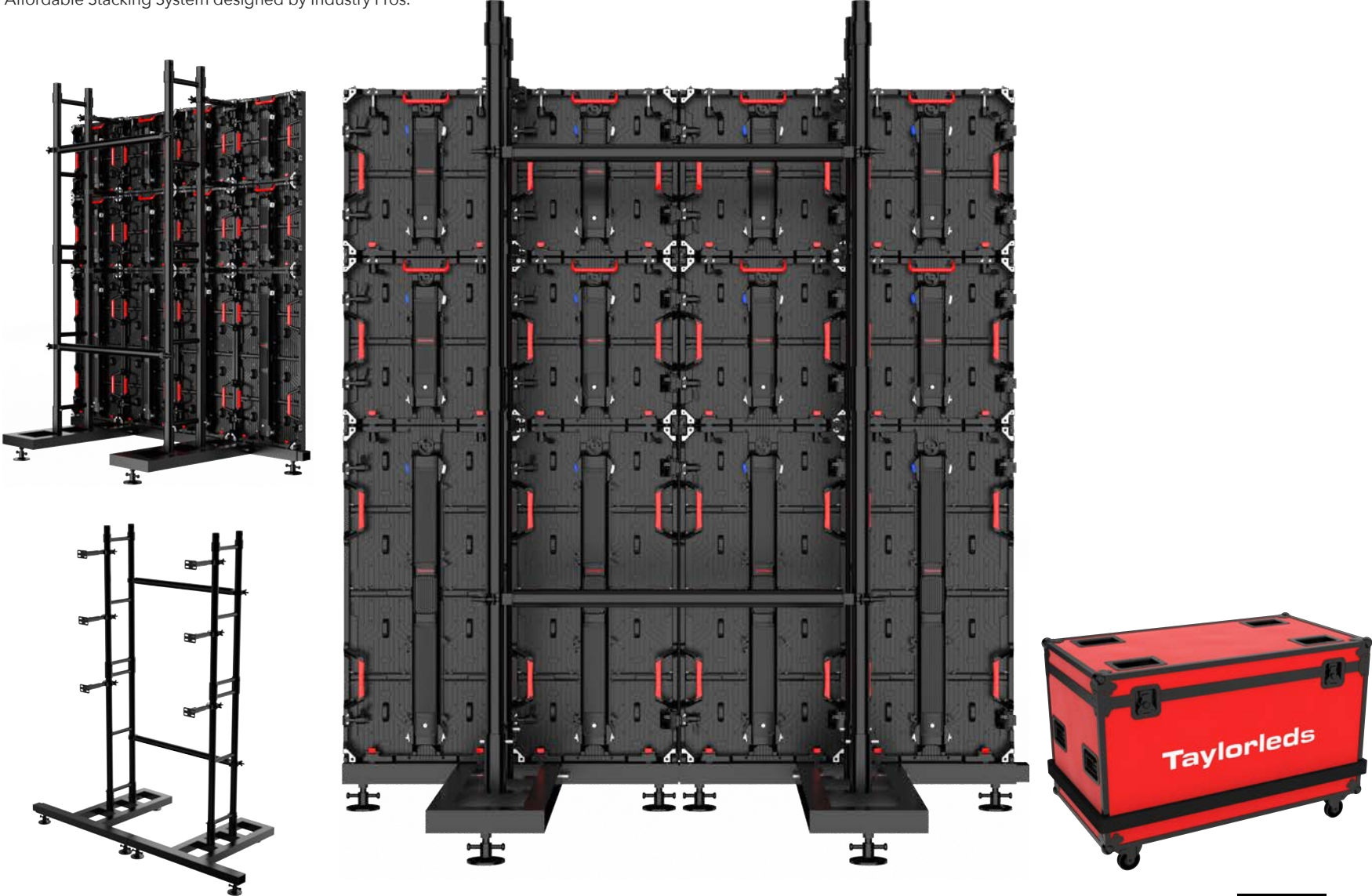
MX30

The MX30 is an all-in-one LED display controller in the new control system COEX series. This controller integrates video processing and video control into one box and offers rich video input connectors (HDMI 2.0, HDMI 1.4, DP 1.1 and 3G-SDI), 10x Ethernet output ports and 2x 10G optical ports. It can also work with the brand-new VMP Software to provide a better operation and control experience.

MX30 SF - Exclusive to ATS-Pro

The SF adds the Shutter Fit features of the MX40 Pro. The MX30-SF is an all-in-one LED display controller in the new control system COEX series. This controller integrates video processing and video control into one box and offers rich video input connectors (HDMI 2.0, HDMI 1.4, DP 1.1 and 3G-SDI), 10x Ethernet output ports and 2x 10G optical ports. It can also work with the brand-new VMP Software to provide a better operation and control experience.

MX20

The MX20 is an all-in-one LED display controller in the brand-new control system COEX series. This controller integrates video processing and video control into one box and offers 2x HDMI 1.3, 1x 3G-SDI input connectors, 6x Ethernet output ports, and 2x 10G optical ports. It can also work with the brand-new Software VMP (Vision Management Platform) to provide a better operation and control experience.
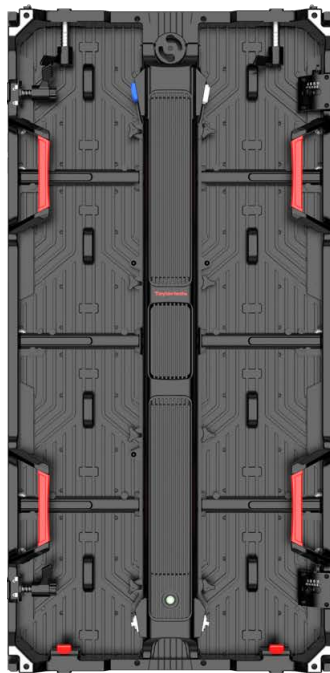
Specifications   **NEW** VE PRO SERIES
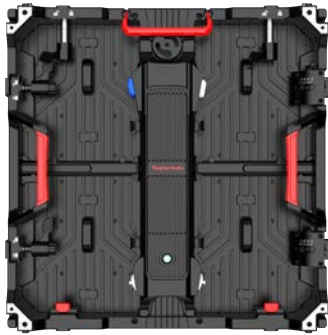
Specifications	VE Pro 2.6 Indoor	VE Pro 2.9 Indoor	VE Pro 3.9 Outdoor
LED Type	Black SMD 3in1 1515	Black SMD 3in1 2020	Black SMD 3in1 1921
Graphics Card	Novastar A10sPro	Novastar A10sPro	Novastar A10sPro
Pixel Pitch (mm)	2.6mm	2.9mm	3.9mm
Panel Dimensions (WxHxD)/(mm)	500*500*80	500*500*80	500*500*80
Pixel Per Panel	192*192	168*168	128*128
Panel Weight (kg)	7.5	7.5	8
Panel Material	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum
Module Dimensions (WxH)/(mm)	250*250	250*250	250*250
Brightness (nit)	1000	1000	4000
Refresh Rate (Hz)	3840	3840	3840
Gray scale	14 Bit	14 Bit	14 Bit
Contrast Ratio	5500:1	5500:1	4000:1
Color Temperature (K)	6500	6500	6500
Viewing Angle (H/V) (°)	160/160	160/160	160/150
Driving Type	1/24	1/28	1/16
AC Operating Voltage (V)	100~240V	100~240V	100~240V
Power Consumption (Max./Avg.)(W/m2)	690/230	498/166	588/196
Storage Temperature (°C)	-40~+60	-40~+60	-40~+60
Operating Temperature (°C)	-10~+40	-10~+40	-20~+50
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	IP65/IP54
LED Lifetime (H)	100000	100000	100000
Module Maintenance	Front or Rear	Front or Rear	Front or Rear
PSU & Others Maintenance	Front or Rear	Front or Rear	Front or Rear
Panel Installation Type	Hanging /Stacking	Hanging /Stacking	Hanging /Stacking
Max Rigging QTY.	20	20	20
Certificate	CE、RoHS、ETL、FCC	CE、RoHS、ETL、FCC	CE、RoHS、ETL、FCC

Taylorleds

Specifications　　NEW VE XL PRO SERIES

Taylorleds

Specifications	VE Pro 2.6 XL Indoor	VE Pro 2.9 XL Indoor	VE Pro 3.9 XL Outdoor
LED Type	Black SMD 3in1 1515	Black SMD 3in1 2020	Black SMD 3in1 1921
Graphics Card	Novastar A10sPro	Novastar A10sPro	Novastar A10sPro
Pixel Pitch (mm)	2.6mm	2.9mm	3.9mm
Panel Dimensions (WxHxD)/(mm)	500*1000*80	500*1000*80	500*1000*80
Pixel Per Panel	192*384	168*336	128*256
Panel Weight (kg)	12.5	12.5	13.5
Panel Material	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum
Module Dimensions (WxH)/(mm)	250*250	250*250	250*250
Brightness (nit)	1000	1000	4000
Refresh Rate (Hz)	3840	3840	3840
Gray scale	14 Bit	14 Bit	14 Bit
Contrast Ratio	5500:1	5500:1	4000:1
Color Temperature (K)	6500	6500	6500
Viewing Angle (H/V) (°)	160/160	160/160	160/150
Driving Type	1/24	1/28	1/16
AC Operating Voltage (V)	100~240V	100~240V	100~240V
Power Consumption (Max./Avg.)(W/m2)	690/230	690/230	588/196
Storage Temperature (°C)	-40~+60	-40~+60	-40~+60
Operating Temperature (°C)	-10~+40	-10~+40	-20~+50
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	IP65/IP54
LED Lifetime (H)	100000	100000	100000
Module Maintenance	Front or Rear	Front or Rear	Front or Rear
PSU & Others Maintenance	Front or Rear	Front or Rear	Front or Rear
Panel Installation Type	Hanging /Stacking	Hanging /Stacking	Hanging /Stacking
Max Rigging QTY.	10	10	10
Certificate	CE、RoHS、ETL、FCC	CE、RoHS、ETL、FCC	CE、RoHS、ETL、FCC