# VE Pro Series

**Taylorleds**



## Versatile Live Event Indoor/Outdoor LED.
## Elevated Graphics Capabilities.

VE PRO SERIES INDOOR 2.6mm, 2.9mm; OUTDOOR 3.9mm
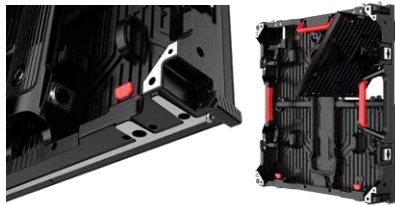
**ATS PRO**®

# Slender & Portable

Just over 3" thick panel.
(80 mm / 3.15")



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### Anti Collision Design

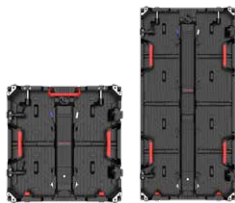Designed for maximum protection during install and transportation.



### Curve Lock

Curve lock system for concave or convex wave screen design with -5° to ±10°.



### Optional 45 Degree Panels

500 mm x 500 mm panel for 5 or 4 sided cubes, rectangles, corners and more…



### Panel Sizes

The VE Pro Series comes in (2) sizes 500 mm x 500 mm and 500 mm x 1000 mm. Available in (2) pixel pitches 2.6 mm indoor and 3.9 mm outdoor.



### Independent Power Box

The all-in-one power box can be hot swappable for quick service.



### Cam Lock Connectors



### Rigging System Options

Super lightweight and simple to use hanging bars with integrated curve plates.



### Advanced Tour Stacking Options

Designed by industry veterans, the universal stacking system is easy to use with expert reliability.



### Road Case Options

Superior 8-in-1 flight case for 500 x 500 mm cabinets, and 5-in-1 flight case for 500 x 1000 mm cabinets.

# Unrivaled Graphics Performance

**Novastar A10s Pro Card and MX COEX Series VMP Platform**

We upgraded the IC's to take full advantage of the most powerful Graphics Engine available: the Novastar A10s Pro Card. We elevate the LED Experience by providing State-of-the-Art Color, Operational Control and Advanced Camera Correction features.

### Shutter Fit

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

### Frame Multiplexing

Allows users to re-frame multiple video feeds in the same time field. It is possible to output multiple effects simultaneously within a single shooting scene, improving work efficiency.

### Color Replacement

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

### HFR

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

### Phase Offset

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

### 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.

### 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 but delivering rich dark content.

### Dual Image Booster

Improves the performance of grayscale, color and contrast ratio, creating an immersive view to fulfill the requirements necessary for xR applications.

# Specifications

ATS-PRO VE Pro Series Modular LED panel shown.  Additional frame sizes available.

| Specifications | VE Pro 1.9 Indoor | VE Pro 2.6 Indoor | VE Pro 2.9 Indoor | VE Pro 2.9 Outdoor | VE Pro 3.9 Indoor | VE Pro 3.9 Outdoor |
|---|---|---|---|---|---|---|
| LED Type | Black SMD 3 in 1 1515 | Black SMD 3 in 1 1515 | Black SMD 3 in 1 2020 | SMD 3 in 1 1515 | Black SMD 3 in 1 1921 | SMD 3 in 1 1921 |
| Graphics Card | Novastar A10s Pro | Novastar A10s Pro | Novastar A10s Pro | Novastar A10s Pro | Novastar A10s Pro | Novastar A10s Pro |
| Pixel Pitch (mm) | 1.9 | 2.6 | 2.9 | 2.9 | 3.9 | 3.9 |
| Panel Dimensions (W*H*D)/(mm) | 500 x 500 x 80 | 500 x 500 x 80 | 500 x 1000 x 80 | 500 x 500 x 80 | 500 x 1000 x 80 | 500 x 1000 x 80 |
| Panel Weight (kg) | 7.5 | 7.5 | 7.5 | 8 | 8 | 8 |
| Pixel Per Panel (w, h) | 256 x 256 | 192 x 192 | 168 x 168 | 168 x 168 | 128 x 128 | 128 x 128 |
| Panel Material | Die Casting Aluminum | Die Casting Aluminum | Die Casting Aluminum | Die Casting Aluminum | Die Casting Aluminum | Die Casting Aluminum |
| Module Dimensions (W*H)/(mm) | 250 x 250 | 250 x 250 | 250 x 250 | 250 x 250 | 250 x 250 | 250 x 250 |
| Brightness (nit) | 900 | 1000 | 1000 | 4000 | 4000 | 4000 |
| Refresh Rate (Hz) | 3840 | 3840 | 3840 | 3840 | 3840 | 3840 |
| Grayscale (bit) | 14 | 14 | 14 | 15 | 14 | 14 |
| Contrast Ratio | 5000:1 | 5500:1 | 5500:1 | 4000:1 | 4000:1 | 4000:1 |
| Color Temperature (K) | 6500 | 6500 | 6500 | 6500 | 6500 | 6500 |
| Viewing Angle (H/V) (°) | 160/160 | 160/160 | 160/160 | 140/120 | 160/150 | 160/150 |
| Driving Type | 1/32 | 1/24 | 1/28 | 1/14 | 1/16 | 1/16 |
| AC Operating Voltage (V) | 100~240 | 100~240 | 100~240 | 100~240 | 100~240 | 100~240 |
| Power Consumption (Max./Avg.) (W/m$^2$) | 500/167 | 690/230 | 498/166 | 720/240 | 588/196 | 588/196 |
| Storage Temperature (°C) | -40~ + 60 | -40~ + 60 | -40~ + 60 | -40~ + 60 | -40~ + 60 | -40~ + 60 |
| Operating Temperature (°C) | -10~ + 40 | -10~ + 40 | -10~ + 40 | -20~ + 50 | -20~ + 50 | -20~ + 50 |
| Storage Humidity (RH) | 10%~90% | 10%~90% | 10%~90% | 10%~85% | 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 | IP65/IP54 | IP65/IP54 | IP65/IP54 |
| 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 & Others 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 VE XL Pro Modular LED panel shown.  Additional frame sizes available.

| Specifications | VE Pro 2.6 XL Indoor | VE Pro 2.9 XL Indoor | VE Pro 2.9 XL Outdoor | VE Pro 3.9 XL Indoor | VE Pro 3.9 XL Outdoor |
|---|---|---|---|---|---|
| LED Type | Black SMD 3 in 1 1515 | Black SMD 3 in 1 2020 | SMD 3 in 1 1515 | Black SMD 3 in 1 1921 | SMD 3 in 1 1921 |
| Graphics Card | Novastar A10s Pro | Novastar A10s Pro | Novastar A10s Pro | Novastar A10s Pro | Novastar A10s Pro |
| Pixel Pitch (mm) | 2.6 | 2.9 | 2.9 | 3.9 | 3.9 |
| Panel Dimensions (W*H*D)/(mm) | 500 x 1000 x 80 | 500 x 1000 x 80 | 500 x 1000 x 80 | 500 x 1000 x 80 | 500 x 1000 x 80 |
| Panel Weight (kg) | 12.5 | 12.5 | 13.5 | 13.5 | 13.5 |
| Pixel Per Panel (w, h) | 192 x 384 | 168 x 336 | 168 x 336 | 128 x 256 | 128 x 256 |
| Panel Material | Die Casting Aluminum | Die Casting Aluminum | Die Casting Aluminum | Die Casting Aluminum | Die Casting Aluminum |
| Module Dimensions (W*H)/(mm) | 250 x 250 | 250 x 250 | 250 x 250 | 250 x 250 | 250 x 250 |
| Brightness (nit) | 1000 | 1000 | 4000 | 800 | 4000 |
| Refresh Rate (Hz) | 3840 | 3840 | 3840 | 3840 | 3840 |
| Grayscale (bit) | 14 | 14 | 15 | 14 | 14 |
| Contrast Ratio | 5500:1 | 5500:1 | 4000:1 | 4000:1 | 4000:1 |
| Color Temperature (K) | 6500 | 6500 | 6500 | 6500 | 6500 |
| Viewing Angle (H/V) (°) | 160/160 | 160/160 | 140/120 | 160/160 | 160/150 |
| Driving Type | 1/24 | 1/28 | 1/14 | 1/16 | 1/16 |
| AC Operating Voltage (V) | 100~240 | 100~240 | 100~240 | 100~240 | 100~240 |
| Power Consumption (Max./Avg.) (W/m$^2$) | 690/230 | 690/230 | 720/240 | 440/147 | 588/196 |
| Storage Temperature (°C) | -40~ + 60 | -40~ + 60 | -40~ + 60 | -40~ + 60 | -40~ + 60 |
| Operating Temperature (°C) | -10~ + 40 | -10~ + 40 | -20~ + 50 | -10~ + 40 | -20~ + 50 |
| Storage Humidity (RH) | 10%~90% | 10%~90% | 10%~85% | 10%~90% | 10%~90% |
| Operating Humidity (RH) | 10%~90% | 10%~90% | 10%~90% | 10%~90% | 10%~90% |
| IP Rating (Front/Rear) | IP40/IP21 | IP40/IP21 | IP65/IP54 | IP40/IP21 | IP65/IP54 |
| LED Lifetime (H) | 100000 | 100000 | 100000 | 100000 | 100000 |
| Module Maintenance | Front or Rear | Front or Rear | Front or Rear | Front or Rear | Front or Rear |
| PSU & Others Maintenance | 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 |
| Max Rigging QTY | 10 | 10 | 10 | 10 | 10 |
| Certification | 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.

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