VX OUTDOOR SERIES

Unique panel sizes. Lightweight and Strong.

Perfect Ratio for
Outdoor Events



TWO PANEL SIZES

SUPER LIGHTWEIGHT

FRONT & REAR MODULE SERVICE

ONE-PERSON QUICK BUILD

VX OUTDOOR SERIES 2.6mm, 3.9mm

ATS|PRO

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 Pelzar
Founder & CEO of ATS-PRO

A New Standard for Outdoor Events

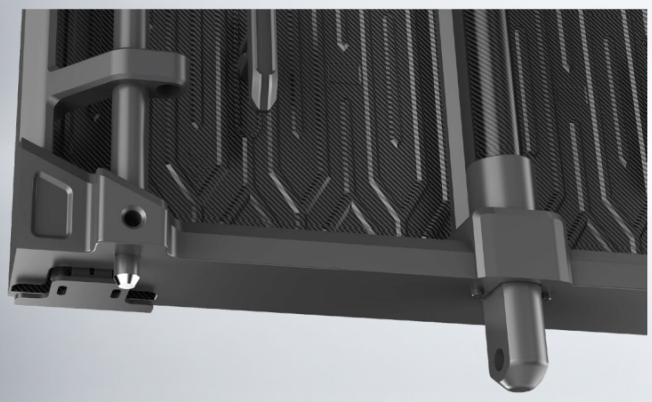


The VX Outdoor is designed to revolutionize the rental market with its unique cabinet sizes, offering a solution to the long-standing challenge of achieving the ideal 16:9 aspect ratio. Unlike the common 500x500 and 500x1000 sizes that dominate the market, the VX Outdoor comes with 16:9 and 8:9 panel options, making it perfect for fine pitch outdoor rental.

Engineered with advanced materials, the VX Outdoor panels are made of carbon fiber and aluminum alloy, making them lighter in weight than traditional rental panels while retaining supreme structural integrity.

The VX Outdoor 3.9 utilizes IMD 2-in-1 technology, providing a maximum thrust of 13kgf, which is 4 times greater than conventional LEDs, enhancing unmatched durability.

Elevated Panel Design
with Touring Features



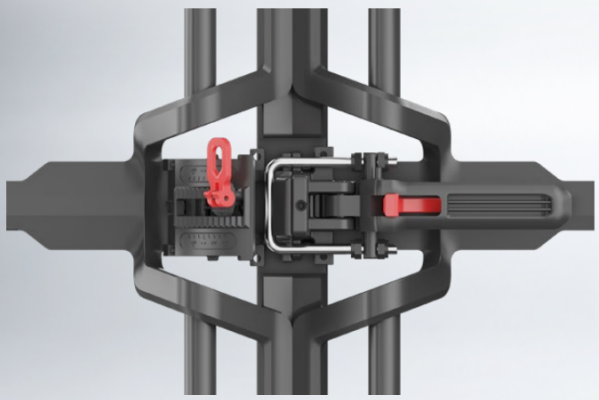
Automatic Corner Protectors

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.





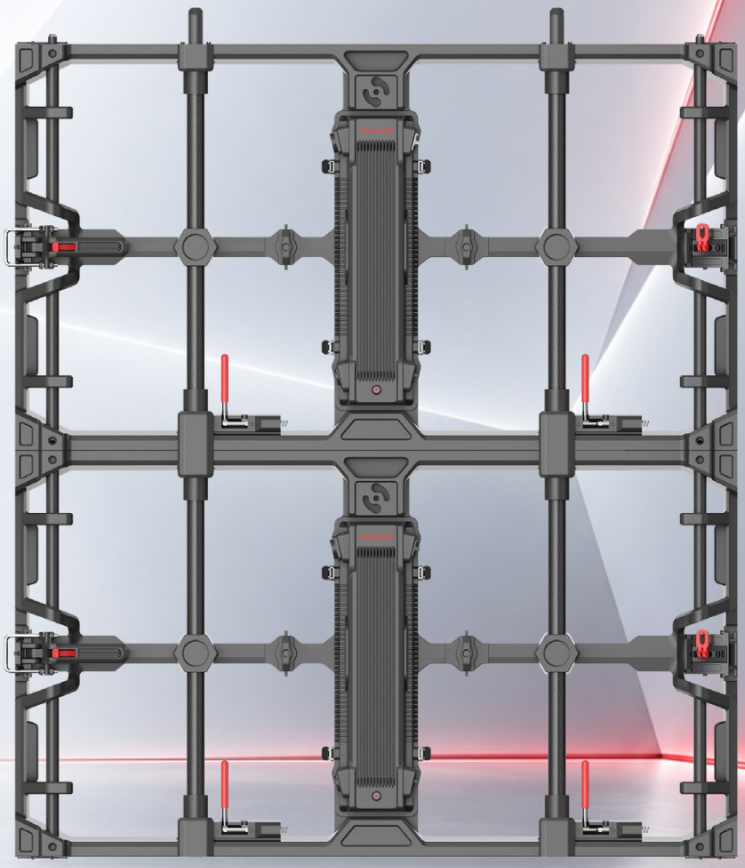
Curve Lock

The curve lock system for concave or convex wave screen designs, adjustable from -5° to 10°, is a crucial feature that enhances the versatility and visual impact of LED installations. This system allows for the creation of seamless, curved displays that can conform to various architectural elements.

Supreme structural integrity.

Carbon Fiber for Ultimate Tensile Strength

For hanging and stacking, the weight is absorbed by the carbon fiber frame. VX Outdoor Series have a max hanging capacity of 15m, 1.5 times compared to conventional rental panels on the markets.

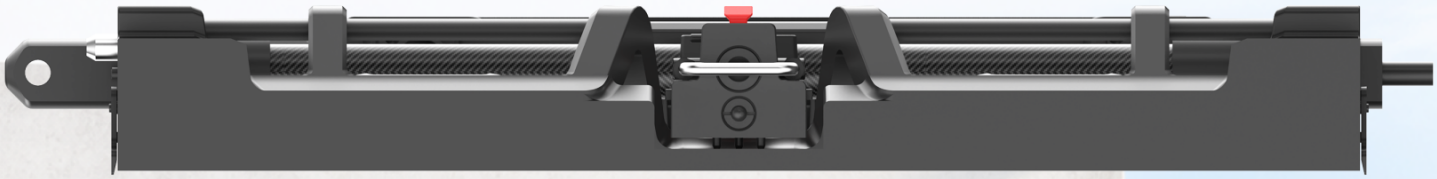


Super Lightweight.

Built from carbon fiber and die-cast aluminum, the VX Outdoor panel is significantly lighter than conventional rental panels. Each XL panel weighs just 13 kg, equivalent to 23.0 kg/m², making transportation, handling, and installation easier.

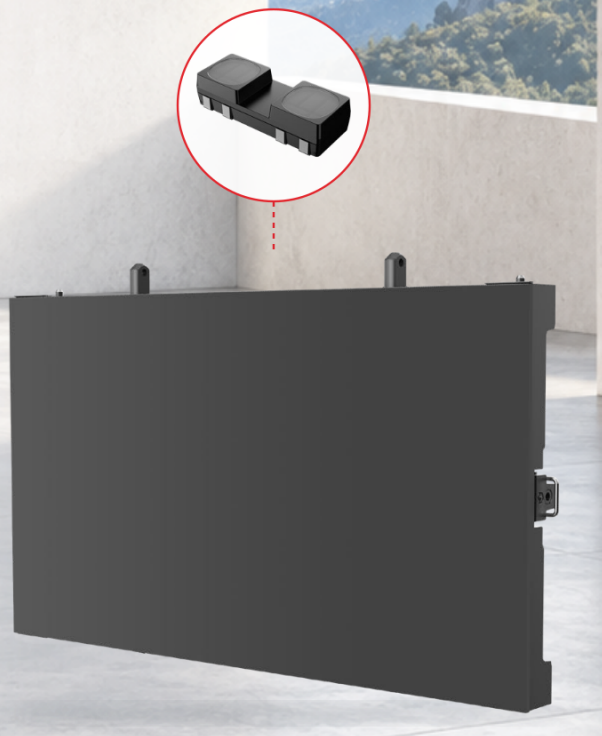
Extremely Thin

89mm (3.50 inches) in thickness.



The VX Outdoor strikes an ideal balance between thickness and structural strength, and saves more space for transportation and installation.

2-in-1 New Technology:
Defines Next-Gen Durability



Max Thrust: 13kgf

4X Higher Thrust Than Conventional LEDs

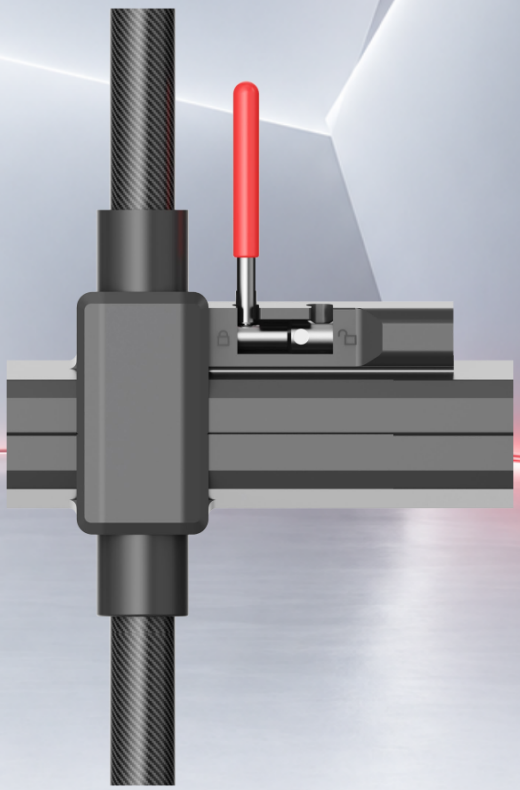
IMD 2-in-1

Specially designed for VX 3.9 Outdoor and 3.9 XL Outdoor: Higher contrast, better display uniformity, and easier repairs compared to traditional IMD 4-in-1. 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.

One-person quick build.

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



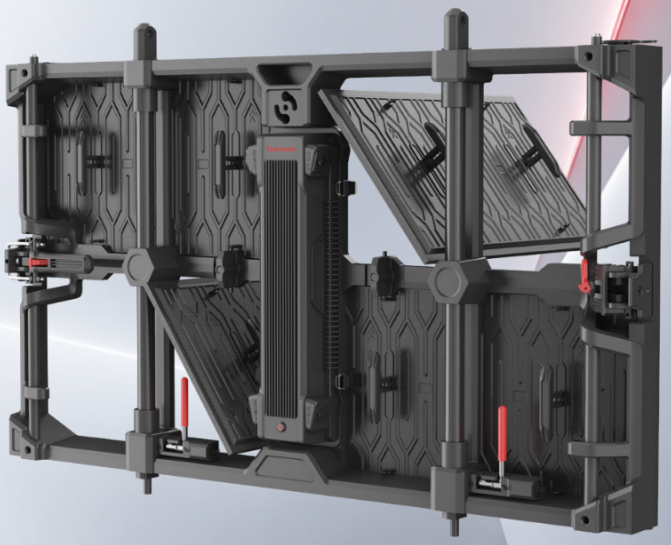


Pre-installed Magnets

Double-lock System

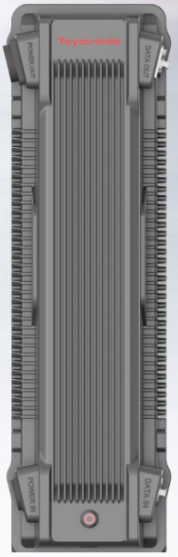
Front & Rear Serviceable

The VX Outdoor LED display is designed for efficient maintenance, with LED modules supporting both front and rear service access, while the power units are serviceable from the rear. This practical design allows quick and easy replacement of components, reducing downtime and ensuring convenient maintenance for various installation environments.



80mm





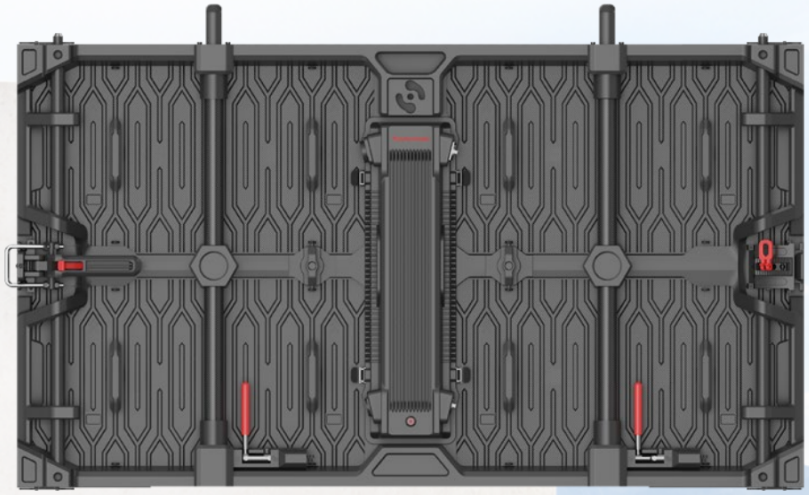
One-handed control.

The grip width of the power box is only 80mm, making it very narrow. Users only need one hand to install the power box, which enables quick installation.

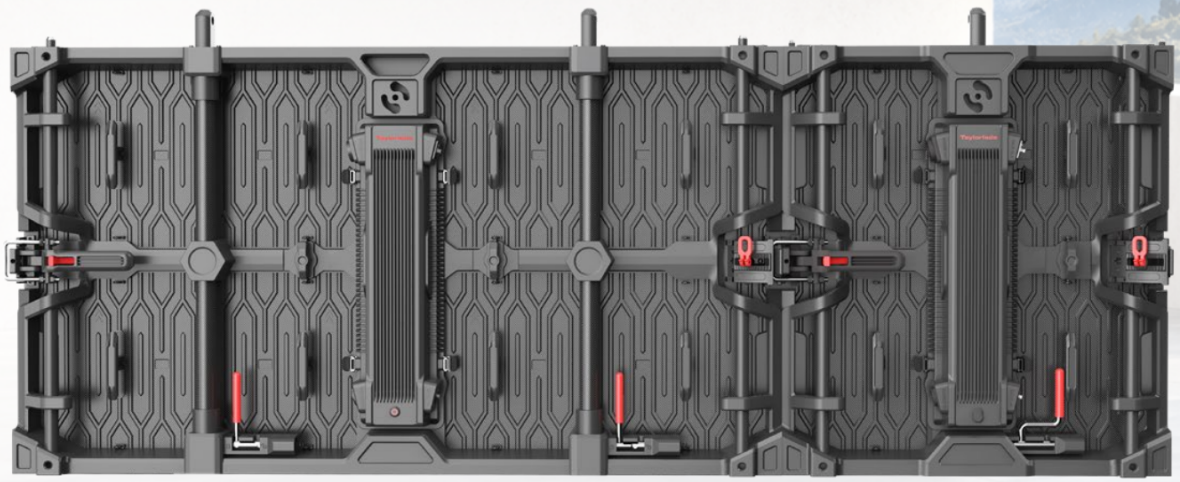
Two Panel Sizes



500mm × 562.5mm
8:9 Ratio



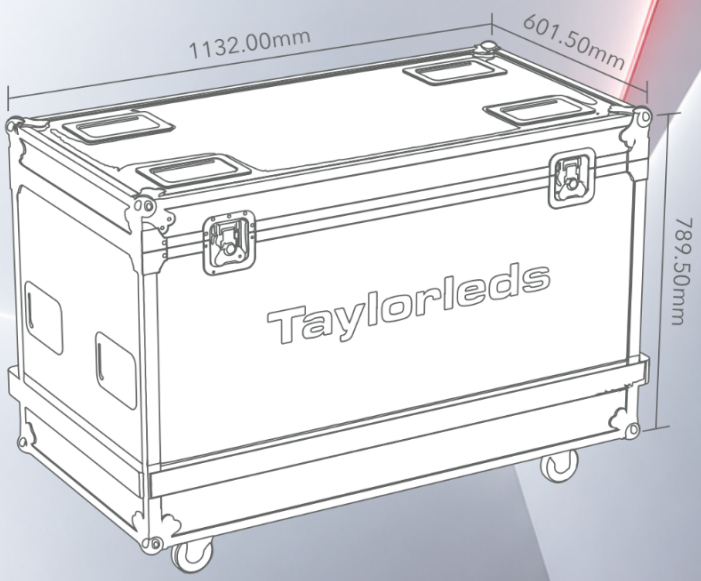
1000mm × 562.5mm
16:9 Ratio



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

Easy to Spot.
Easy to Move.

Find your gear at a glance. Our signature red road cases stand out among the black cases commonly found backstage, making your equipment easy to identify.



Both panel sizes use cases with the same external dimensions and interiors tailored to each panel size. The uniform footprint makes stacking, transport, and storage simpler.





Panels per Case

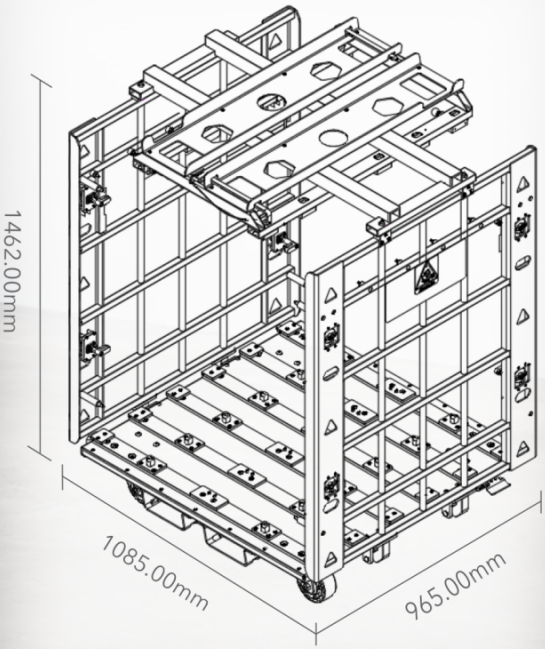
500 × 562.5 mm: 10 panels

1000 × 562.5 mm: 5 panels

ATS PRO

Touring Cart Options





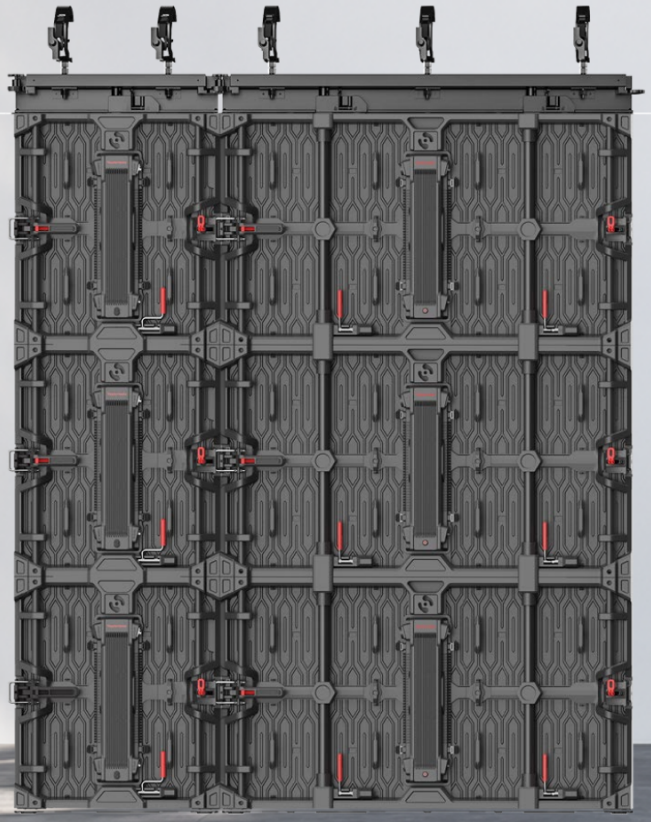
Panels per Touring Cart

500 × 562.5 mm: 20 panels

1000 × 562.5 mm: 10 panels

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.





Stacking Option

Designed by industry pros, the VX Outdoor Pro stacking system for LED panels offers user-friendly features and exceptional reliability, enabling swift setup and teardown for events while delivering consistent stability and performance.





Wind Bracing System

Custom Panel

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.



High Refresh Rate

7680Hz

The VX Outdoor 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.



Specifications

VX Outdoor Series LED panels

Specifications	VX 2.6 Outdoor	VX 3.9 Outdoor	VX 2.6 XL Outdoor	VX 3.9 XL Outdoor
LED Type	SMD 1515	IMD 2in1	SMD 1515	IMD 2in1
Pixel Pitch (mm)	2.6	3.91	2.6	3.91
Panel Dimensions (W × H × D) (mm)	500 × 562.5 × 89	500 × 562.5 × 89	1000 × 562.5 × 89	1000 × 562.5 × 89
Panel Weight (kg)	7.5	7.5	13	13
Pixels Per Panel (W × H)	192 × 216	128 × 144	384 × 216	256 × 144
Panel Material	Die casting Aluminum & Carbon Fiber			
Module Dimensions (W × H) (mm)	500 × 281.25	500 × 281.25	500 × 281.25	500 × 281.25
Brightness (nit)	4500	5000	4500	5000
Refresh Rate (Hz)	7680	7680	7680	7680
Gray Scale (bit)	16	16	16	16
Contrast Ratio	6000:1	8000:1	6000:1	8000:1
Color Temperature (K)	6500	6500	6500	6500
Viewing Angle (H/V) (°)	160/160	160/160	160/160	160/160
Driving Type	1/18	1/8	1/18	1/8
AC Operating Voltage (V)	100~240	100~240	100~240	100~240
Power Consumption (Max./Avg.) (W/m²)	600/200	600/200	600/200	600/200
Storage Temperature (°C)	-40~ +60	-40~ +60	-40~ +60	-40~ +60
Operating Temperature (°C)	-20~ +50	-20~ +50	-20~ +50	-20~ +50
Storage Humidity (RH)	10%~90%	10%~90%	10%~90%	10%~90%
Operating Humidity (RH)	10%~90%	10%~90%	10%~90%	10%~90%
IP Rating (Front/Rear)	IP65/IP65	IP65/IP65	IP65/IP65	IP65/IP65
LED Lifetime (H)	100000	100000	100000	100000
Module Maintenance	Front or Rear	Front or Rear	Front or Rear	Front or Rear
PSU & Other Maintenance	Rear	Rear	Rear	Rear
Panel Installation Type	Hanging / Stacking	Hanging / Stacking	Hanging / Stacking	Hanging / Stacking
Max Rigging QTY	20	20	20	20
Certification	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.