

Taylorleds



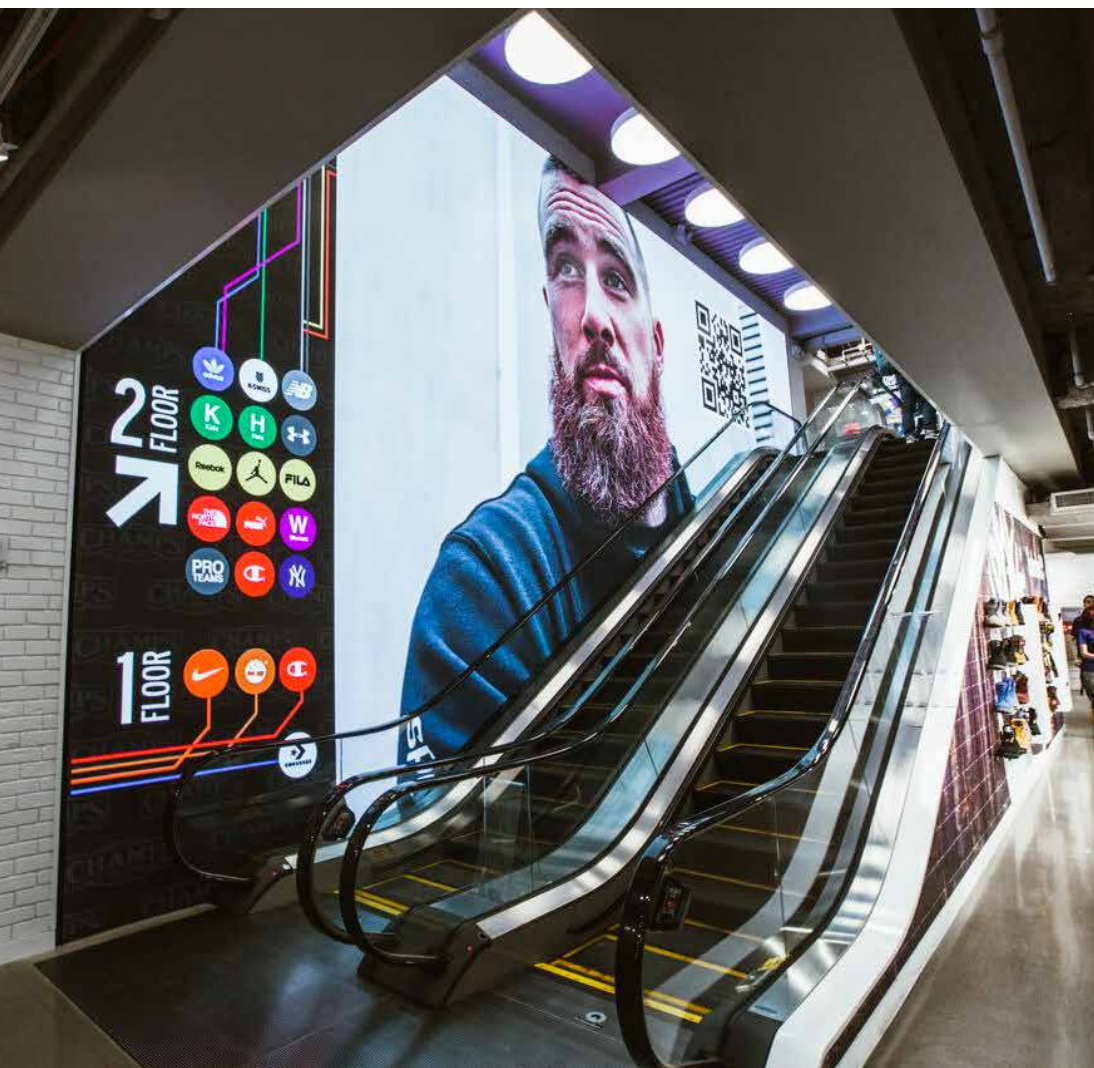
WU Pro Series

Exceptional Mechanical Design.
Powerful Graphics with Stunning Visuals.

WU PRO SERIES 1.2mm, 1.5mm, 1.8mm, 2.5mm

2024 WU PRO SERIES MODULAR INDOOR LED MADE FOR ATS-PRO BY TAYLORLEDS





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



Reset the Standards with WU Pro Series

The WU Pro Series is our first ultra-fine pitch LED panel with a true 16:9 aspect ratio, offering pixel pitches from 1.2mm to 2.5mm, making it perfect for HD video formats. Its cable-less design incorporates retractable connectors, an integrated HUB card, and magnetic alignment for easy maintenance. With 100% front serviceability, it provides quick access to modules. Simplified installation is facilitated by captive screws, internal brackets, and Z-axis adjustment, ensuring precise alignment.

Equipped with the Novastar A10s Pro Card and featuring three versatile mounting options, the WU Pro delivers advanced graphics, state-of-the-art color, and unparalleled install refinement, setting the flagship product standards in the direct-view LED industry.

Elevated Panel Design with Pro Features

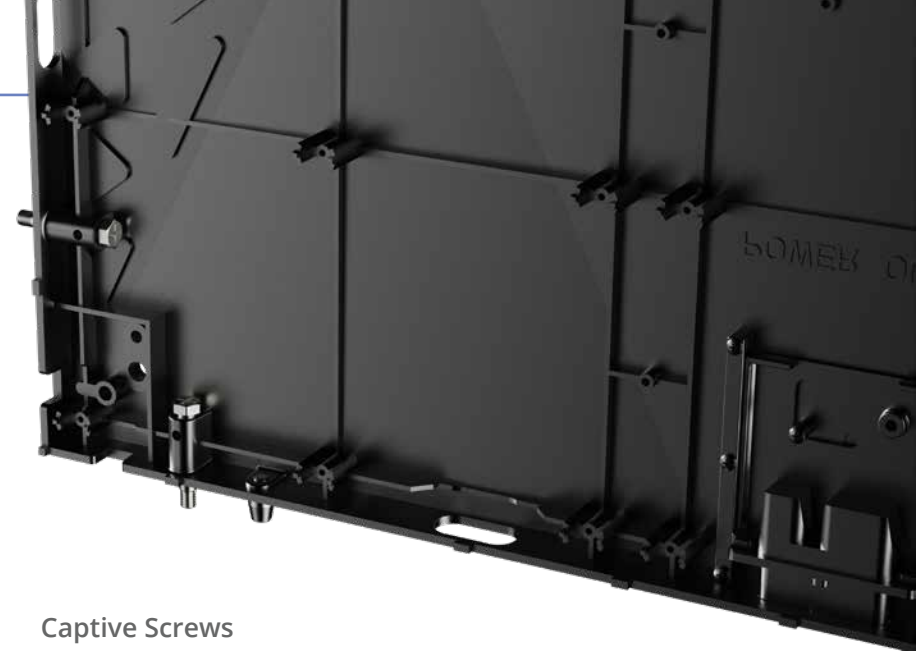
True 16:9 Ratio

16 x 9 panel allowing perfect aspect ratios that match any HD format without the need for scalers or external video processing.



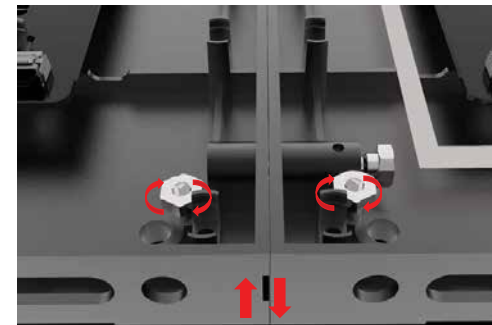
Cable-less

Retractable connectors mean there are no cables between panels or from module to panels.



Captive Screws

For ease of installation, panels have captive screws. (2) on the top and (2) on the side. No more searching for missing hardware.

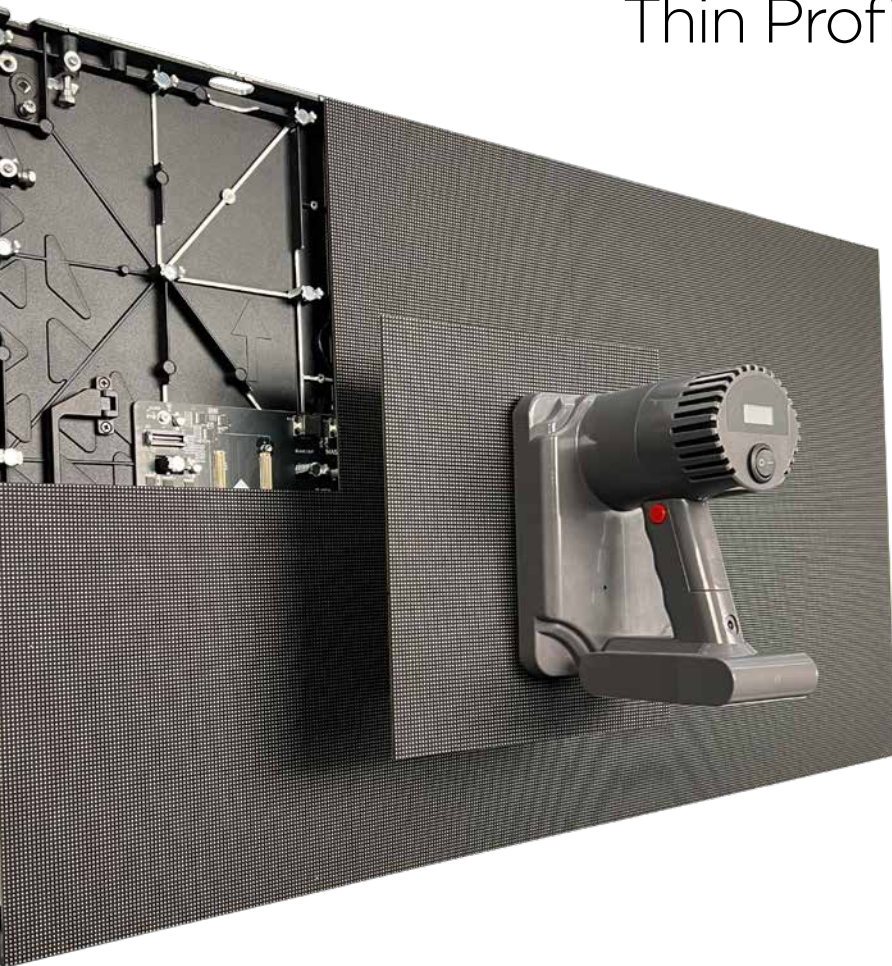


Z Axis Adjustment

Four screws per panel to adjust for uneven walls.



Thin Profile Just over 1.5" thick panel (39.3 mm / 1.55").



Front Serviceable

The WU Pro Series II LED display is engineered for maximum convenience and efficiency, featuring a front serviceable design. This allows for easy access to both the power units and LED modules, enabling swift removal and replacement directly from the front of the display. As a result, maintenance time and effort are significantly reduced, ensuring minimal disruption and enhanced operational reliability.

Wall Mounting Options

Wall Mount System

Specifically designed wall mount system for WU Pro Series panels. Brackets are modular designed and easily connect together.





Hanging Options

Rigging System

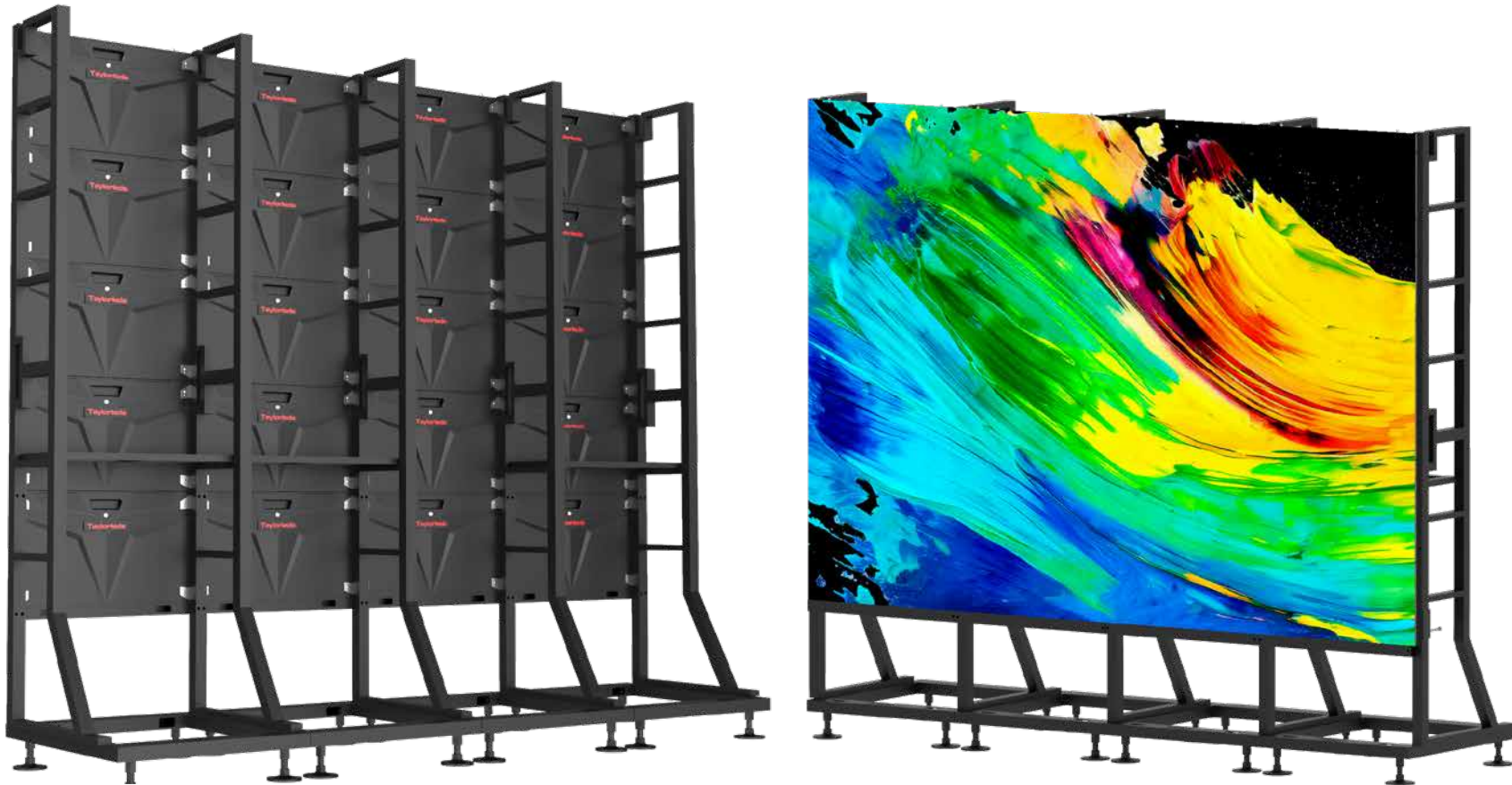
Specifically designed for WU Pro Series panels, our rigging system ensures secure and stable installations, making it ideal for both permanent and temporary setups in a variety of environments.



Floor Stacking Options

Stacking System

Designed by industry veterans, the universal stacking system for LED panels is both easy to use and highly reliable, ensuring quick setup and teardown.





Elevated Graphics Performance

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

By making the the WU 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 WU Pro Series and the powerful new COEX MX Series Processors, the WU Pro elevates 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.



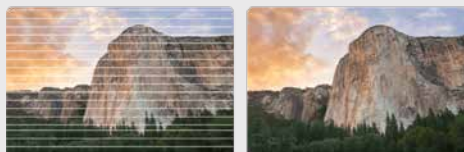
Color Replacement

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.



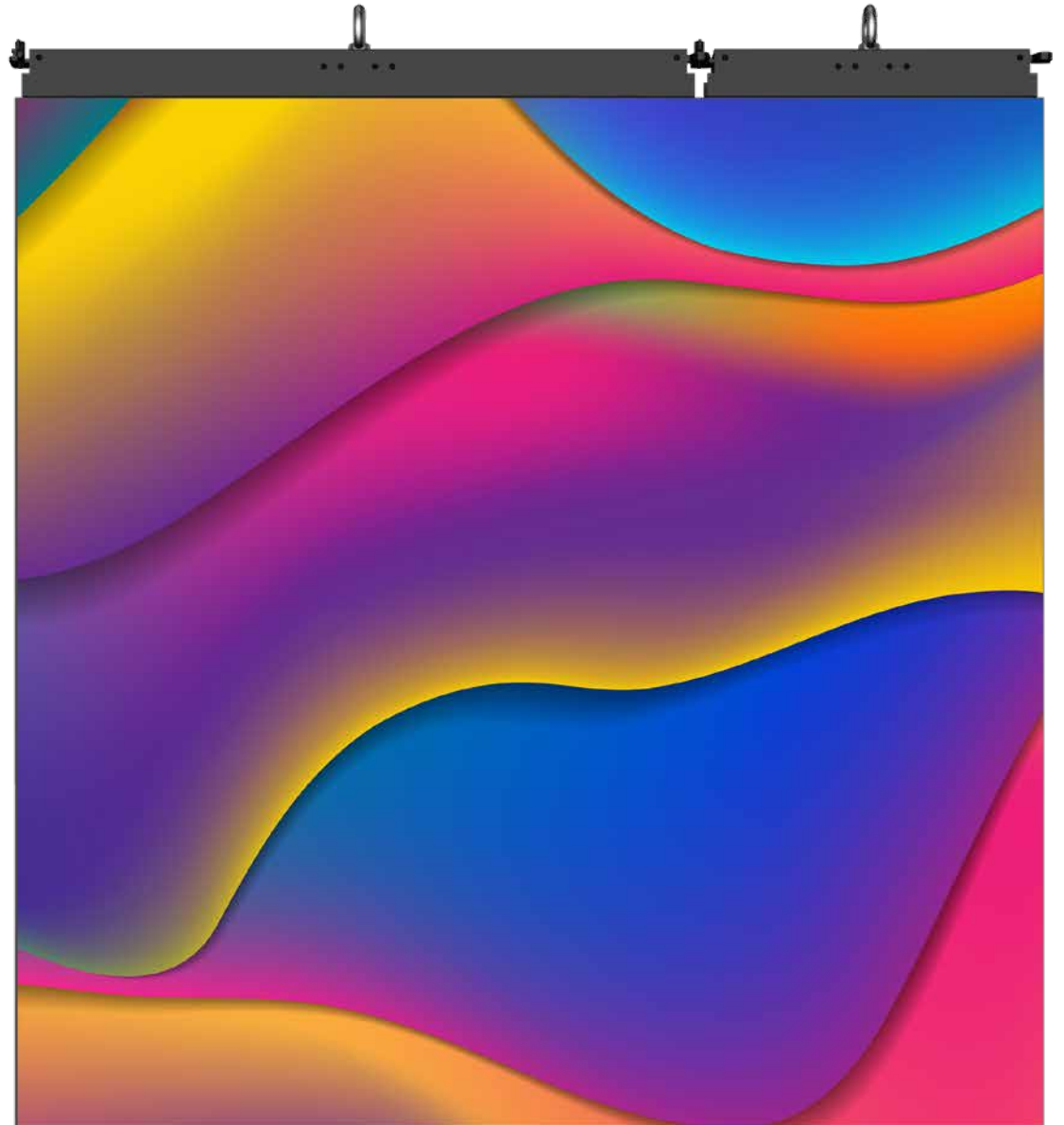
Contrast + Black Level

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.





Exceptional Video Processing

NovaStar, a global leading LED display solution provider, designs and develops LED display control solutions for a variety of market applications. ATS-Pro is the largest NovaStar distributor in North America with technical support second to none. Their processors work with the brand-new VMP Software to provide a better operation and control experience.

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.

MX30 SF **Exclusive to ATS-Pro**

The SF adds the Shutter Fit features of the MX40 Pro. It 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.

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.



Specifications

ATS-PRO WU Pro Series Modular LED panel shown.

Specifications	WU Pro 1.2	WU Pro 1.5	WU Pro 1.9	WU Pro 2.5
LED Type	SMD 3 in 1 1010	SMD 3 in 1 1010	SMD 3 in 1 1515	SMD 3 in 1 2121
Pixel Pitch (mm)	1.27	1.58	1.9	2.54
Panel Dimensions (W*H*D)/(mm)	610 x 343 x 34	610 x 343 x 34	610 x 343 x 34	610 x 343 x 34
Panel Weight (kg)	4.8	4.8	4.8	4.8
Pixel Per Panel (w, h)	480 x 270	384 x 216	320 x 180	240 x 135
Panel Material	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum
Module Dimensions (W*H)/(mm)	152.5 x 343	152.5 x 343	152.5 x 343	152.5 x 343
Brightness (nit)	600	600	800	1000
Refresh Rate (Hz)	1920/3840	1920/3840	1920/3840	1920/3840
Gray Scale (bit)	13 Bit/14 Bit	13 Bit/14 Bit	13 Bit/14 Bit	13 Bit/14 Bit
Contrast Ratio	3000:1	4000:1	4000:1	4000:1
Color Temperature (K)	6500	6500	6500	6500
Viewing Angle (H/V) (°)	160/140	160/140	160/140	160/140
AC Operating Voltage (V)	100~240	100~240	100~240	100~240
Power Consumption (Max./Avg.) (W/m²)	630/210	610/203	540/180	610/203
Storage Temperature (°C)	-40~ + 60	-40~ + 60	-40~ + 60	-40~ + 60
Operating Temperature (°C)	-10~ + 40	-10~ + 40	-10~ + 40	-10~ + 40
IP Rating (Front/Rear)	IP40/IP21	IP40/IP21	IP40/IP21	IP40/IP21
LED Lifetime (H)	100000	100000	100000	100000
Module Maintenance	Front	Front	Front	Front
PSU & Others Maintenance	Front	Front	Front	Front
Panel Installation Type	Wall / Stacking / Hanging	Wall / Stacking / Hanging	Wall / Stacking / Hanging	Wall / Stacking / Hanging
Maximum Rigging QTY	10	10	10	10
Certification	UL/CE/FCC	UL/CE/FCC	UL/CE/FCC	UL/CE/FCC

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





Masters in the Art of LED

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