Taylorleds

WX PRO - SF SERIES

Engineering Excellence.

Total Performance Redefined.



LARGER PANELS

ULTRA-THIN DESIGN

MODULAR PANEL SIZES

FAST & EASY INSTALLATION

WX PRO - SF SERIES 1.2mm, 1.5mm, 1.8mm, 2.5mm, 3.7mm

ATS PRO

EXPERIENCE INNOVATION REAL RESULTS

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.

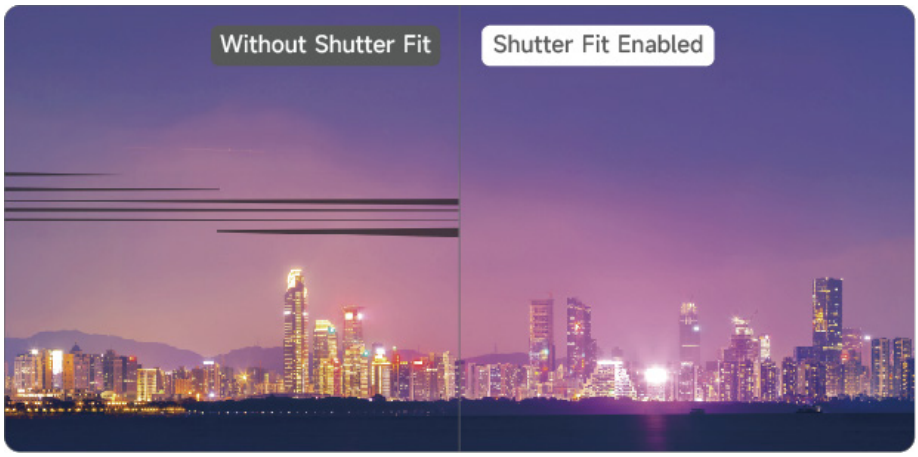
Warm regards,

Chris Pelzar
Founder & CEO of ATS-PRO



WX Pro-SF: More of everything, except the weight

The WX Pro-SF Series was originally designed as an affordable indoor LED display solution for corporate, entertainment, sports, education, and house of worship markets. However, it has evolved into a hallmark of precision engineering, visual performance, product versatility, and user experience. The WX Pro-SF base panels are 2.56 times larger than typical 16:9 panels, allowing for faster installation and refinement. Combining an ultra-thin profile of just over 1" in depth with custom-developed power supplies and an integrated hub card, the WX Pro-SF Series fits its sleek chassis while still offering wireless connection and three versatile mounting options: rigging, stacking, and wall-mount. Equipped with the most powerful graphic cards as standard, the WX Pro-SF delivers unparalleled visual performance. It redefines the benchmark for performance, versatility, and affordability in the LED display market.

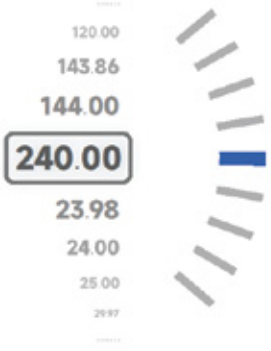


Shutter Fit

Capture every frame perfectly
Utilizing technologies such as Genlock, phase offset and shutter fit, LED display and cameras can be synchronized seamlessly avoiding black field, scan lines, so that cameras can capture the most perfect images and videos without any visual artifacts.

Adaptive Frame Rate

No extra setup is required when the frame rate changes—the system automatically adapts to incoming video signals. Users can seamlessly switch between different frame rates, with customizable settings from 23.94Hz to 240Hz and precision adjustments as fine as 0.01Hz.





Dynamic Booster 3.0

Dynamic Booster, a real-time image enhancement technology, automatically adjusts brightness, contrast, and detail for every frame. It brings out deeper blacks and brighter highlights—delivering HDR-like visual quality even from standard content. It also helps reduce power consumption and extend the lifespan of the LED display.

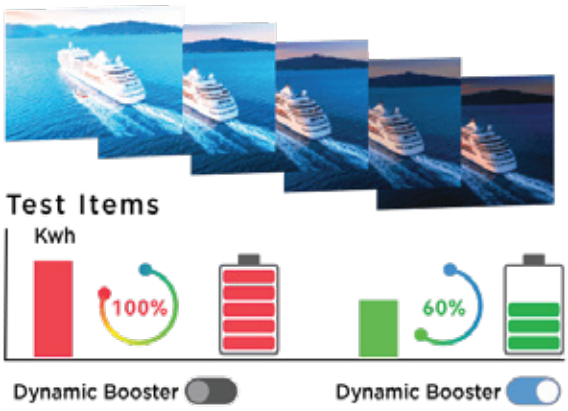




Image Booster 2.0

More Realistic Color

With fully automated color standardization, calibration, and verification, the system intelligently adapts to different color gamuts. This optimization enhances grayscale, color accuracy, and contrast ratio, delivering an immersive viewing experience that meets the demanding requirements of streaming, broadcasting and XR applications.



Brightness

MORE BRILLIANCE, ENHANCED CONTRAST

In scenes with high contrast and varying grayscale levels, the WX Pro - SF Series intelligently boosts brightness in the brightest regions using advanced Pulse-Amplitude Modulation(PAM) and upgraded driver ICs. This enhances dynamic contrast—making highlights more vivid and impactful—while maintaining overall power efficiency. The result is a more immersive visual experience with greater depth and clarity in both bright and mixed-light environments.



Darkness

SHARPER DETAIL IN DARKER SHADES

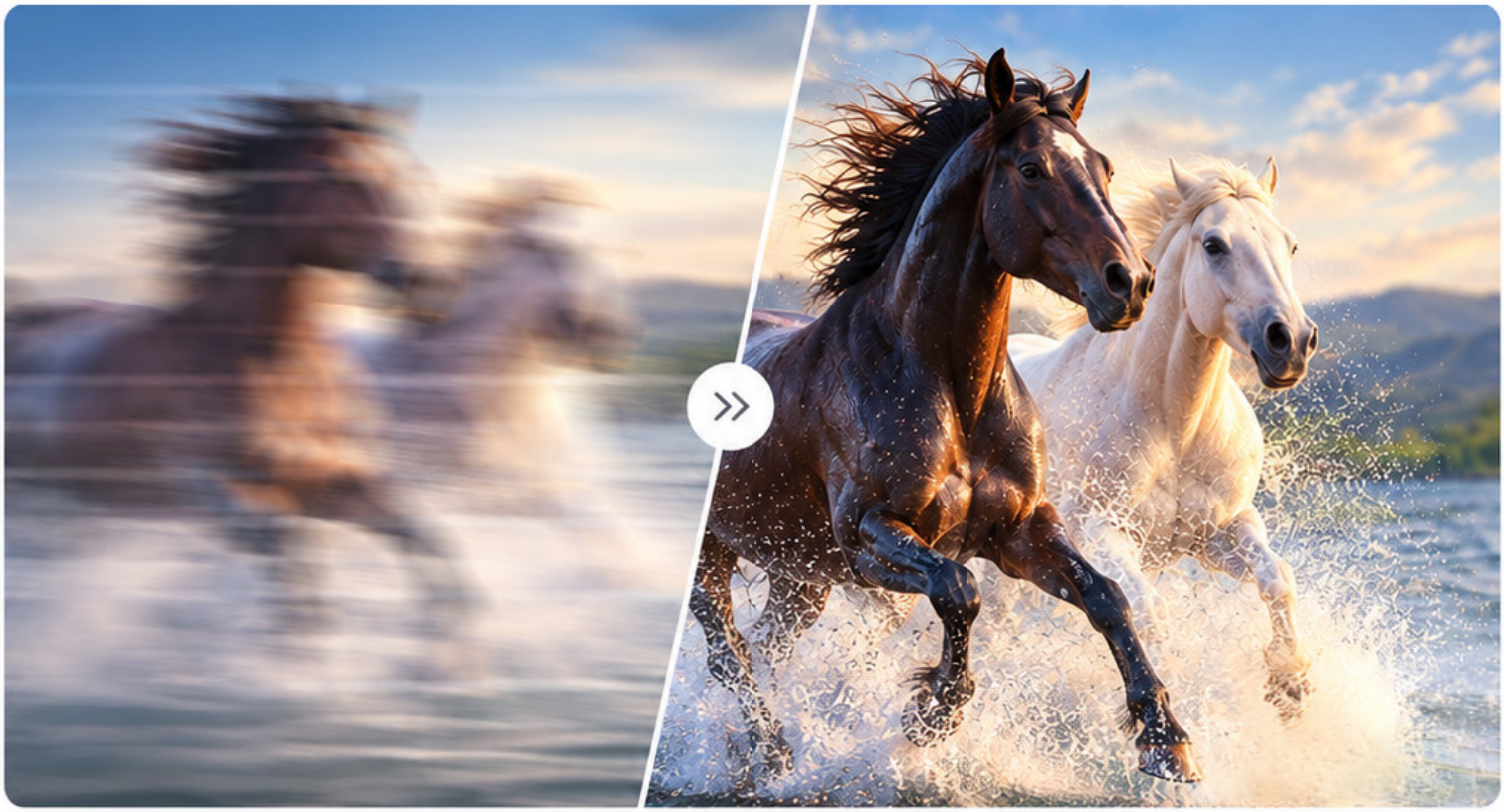
To enhance image detail in low-brightness areas, PAM precisely reduces the LED driving current at the lowest grayscale levels. With real-time current control per LED and grayscale, the system delivers ultra-fine brightness control - accurate down to 0.001 nits - ensuring subtle shadows and textures are clearly visible without loss of detail.



SMOOTHER MOTION. GREATER IMPACT.

High Refresh Rate: 7680Hz

The WX Pro - SF 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.



ELIMINATES FLICKER
Stable playback in any environment.

SMOOTH PERFORMANCE
Clear, natural motion even in low grayscale.

ADVANCED TECHNOLOGY
Powered by driver ICs, PWM and PAM

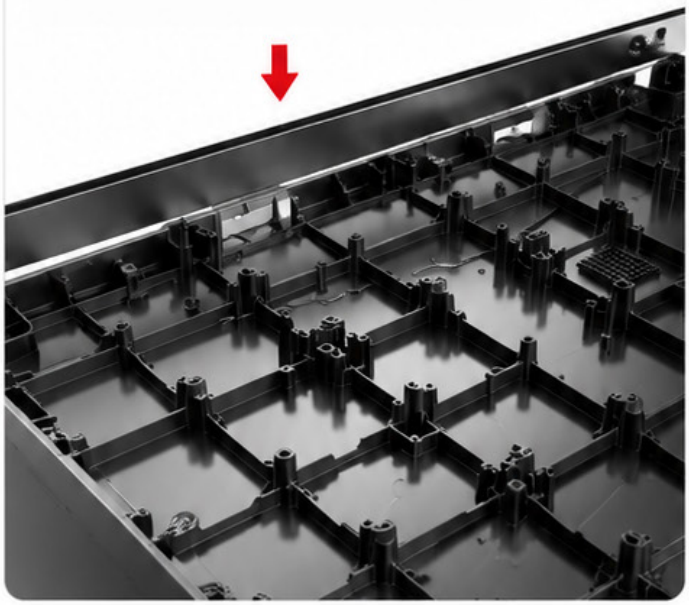


Snap-Lock Trim

Enhance the appearance of your LED display with the Snap-Lock Trim. Designed for fast installation and flexible adjustment, it delivers a clean, premium finish while adapting to different application styles.

OPTIONAL MATERIAL FINISH:
Customize the trim with a selection of premium materials and finishes to complement your space, décor, and overall design aesthetic.

1 **FAST SNAP-IN INSTALL**
Install the trim in seconds by directly locking the trim onto each panel.



2 **ADJUSTABLE FIT**
Rotate the knob to loosen or tighten the gap between the trim and the panel.



FAST SNSTALLATION
Snap-lock design for quick, tool-free setup.

PRECISE ALIGNMENT
Adjustable gap for a perfect, seamless finish.

PREMIUM FINISH
Clean, refined look that elevates any space.

NOTE: snap-lock trim only available for 960mm x 540mm WX panels

Multiple Panel Sizes

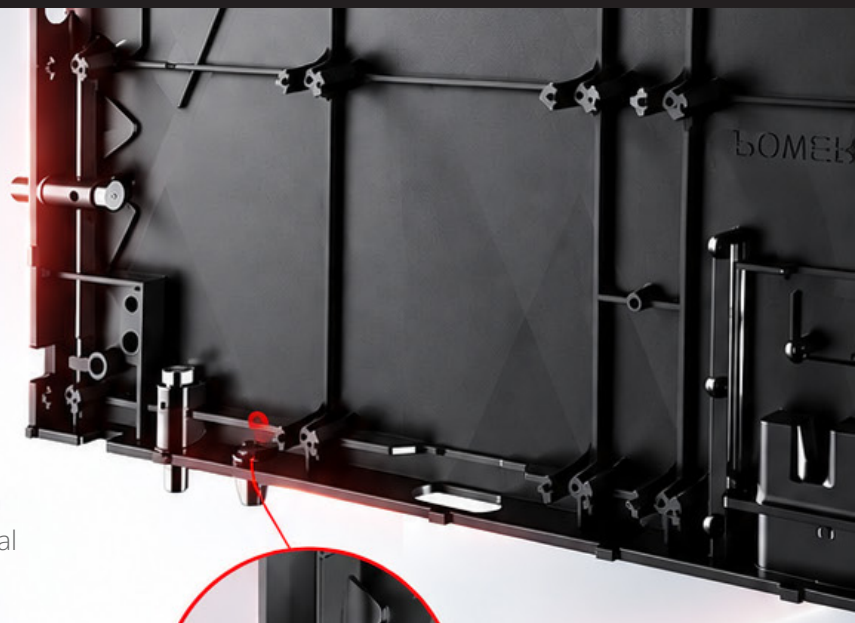
Multiple panel sizes to build almost any size LED wall imaginable.

- 960 x 540 x 28.5 mm
- 240 x 540 x 28.5 mm
- 480 x 540 x 28.5 mm
- 480 x 270 x 28.5 mm
- 720 x 270 x 28.5 mm
- 960 x 270 x 28.5 mm



ATS|PRO

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.



Captive Screws

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





Larger Base Panel

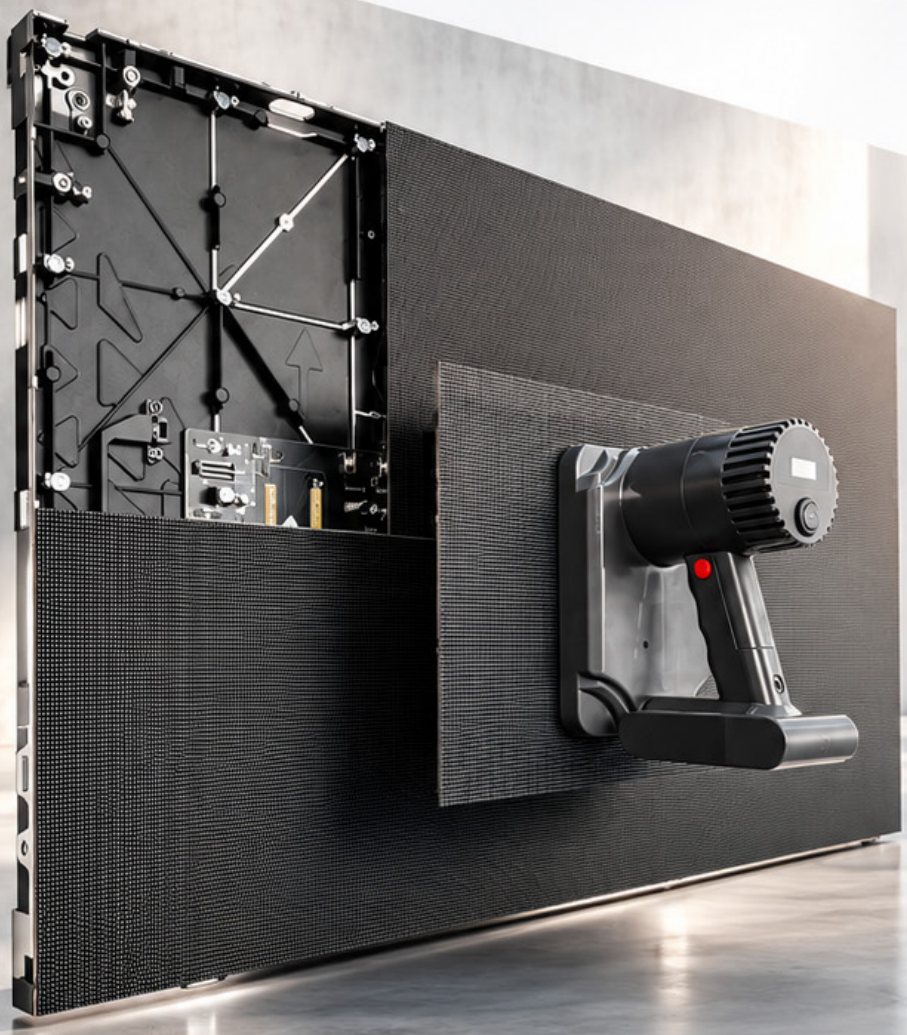
The main base panel is 960 mm x 540 mm. This means a large wall will require fewer panels and seams to adjust, equaling faster installation.

ATS PRO

Super Thin



A panel just over 1" thick (28.5 mm / 1 1/8").



Front Serviceable

The WX Pro-SF 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.

Corners & Cubes

CREATIVE APPLICATIONS

Create 45° corners and cubes for freestanding structures, hanging displays or wall wraps.

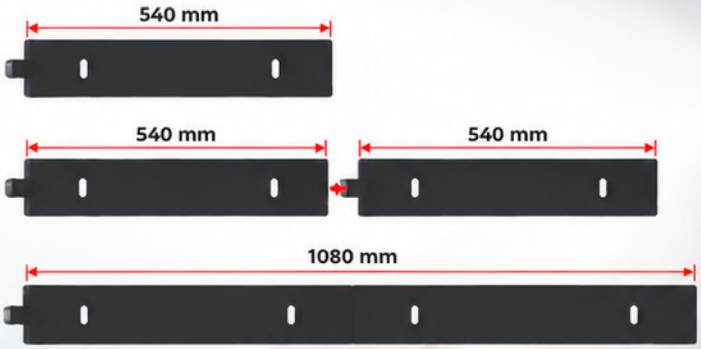


ATS PRO

Wall Mounting Option

WALL MOUNT SYSTEM

A wall-mount system specifically designed for WX Pro-SF panels, featuring modular brackets that easily connect for fast, seamless installation.



Hanging Option

RIGGING SYSTEM

Designed for ease and efficiency, the super lightweight hanging bars make installation simple and provide reliable support when hanging the panels.







Floor Stack Option

STACKING SYSTEM

Adjustable feet and a stable base provide precise leveling on uneven floor surfaces, keeping floor-stacked LED displays straight, secure, and properly aligned for a seamless installation.





Elevated Graphics Performance

WX Pro-SF turbo-charged with the A10s Pro Card and MX COEX Series VMP Platform

By making the WX Pro-SF 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 WX Pro-SF and the powerful new COEX MX Series Processors, the WX Pro-SF elevates the LED experience by providing state-of-the-art color, operational control and advanced camera correction features.





HFR

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



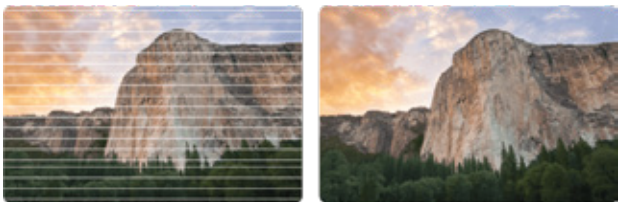
Fine Grayscale

22bit+, 64 times grayscale improvement, 0.002nits precise control, ultra-precise image for stunning realism.



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.



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.

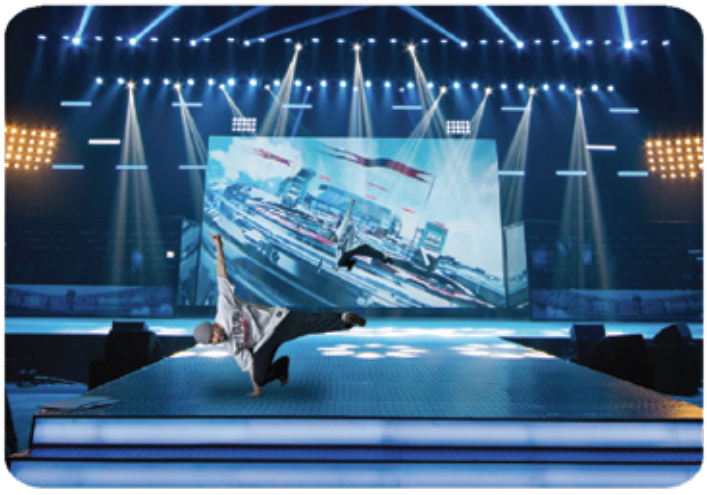


Thermal Compensation

No color shift for your LED display
Real-time heat characteristics analysis of LED displays enables precise thermal compensation tailored to the display. It effectively addresses color shift issues caused by uneven heat dissipation on the screen.

Ultra Low Latency

Essential for Live Events and Broadcasting
Latency can be minimized to 0 frame for broadcast, sport events, film industries, etc. It greatly enhances the synchronization of camera shooting and stage acting.





Visualized Seam Correction

Seam correction can be completed rapidly with an interactive and visualized design. Visually locate and select the seams simply by using a cursor, then directly view the screen to adjust the seams in the software, greatly improving efficiency.

Professional Color Management

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.





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.



Contrast + Black Level

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



Color Replacement

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

Multi-layer Full Grayscale Calibration

Deliver stunning image quality with uniform grayscale

Keeps LED screens uniform especially in low grayscale by generating the exclusive calibration coefficients for every grayscale.





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 WX Pro - SF Series Modular LED panel shown. Additional frame sizes available.

Specifications	WX Pro-SF 1.2	WX Pro-SF 1.5	WX Pro-SF 1.8	WX Pro-SF 1.8 XR	WX Pro-SF 2.5	WX Pro-SF 3.7
LED Type	SMD 3 in 1 1010	SMD 3 in 1 1212	SMD 3 in 1 1515	SMD 3 in 1 1515	SMD 3 in 1 1515	SMD 3 in 1 1515
Pixel Pitch (mm)	1.25	1.5	1.87	1.87	2.5	3.75
Panel Dimensions (W*H*D)/(mm)	960 x 540 x 28.5	960 x 540 x 28.5	960 x 540 x 28.5	960 x 540 x 28.5	960 x 540 x 28.5	960 x 540 x 28.5
Panel Weight (kg)	11.5	11.5	11.5	11.5	11.5	11.5
Pixel Per Panel (W*H)	768 x 432	640 x 360	512 x 288	512 x 288	384 x 216	256 x 144
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)	240 x 270	240 x 270	240 x 270	240 x 270	240 x 270	240 x 270
Brightness (nit)	600	800	800	800	800	800
Refresh Rate (Hz)	7680	7680	7680	7680	7680	7680
Grayscale (bit)	14	16	16	15	16	16
Contrast Ratio	3500:1	4000:1	4000:1	4000:1	4500:1	5200:1
Color Temperature (K)	6500	6500	6500	6500	6500	6500
Viewing Angle (H/V) (°)	140/120	150/150	160/160	160/160	160/160	160/160
Driving Type	1/54	1/45	1/36	1/16	1/27	1/18
AC Operating Voltage (V)	100~240	100~240	100~240	100~240	100~240	100~240
Power Consumption (Max./Avg.) (W/m^2)	420/140	480/160	420/140	450/150	450/150	480/160
Storage Temperature (°C)	-40~ + 60	-40~ + 60	-40~ + 60	-40~ + 60	-40~ + 60	-40~ + 60
Operating Temperature (°C)	-10~ + 40	-10~ + 40	-10~ + 40	-10~ + 40	-10~ + 40	-10~ + 40
IP Rating (Front/Rear)	IP40/IP21	IP40/IP21	IP40/IP21	IP40/IP21	IP40/IP21	IP40/IP21
LED Lifetime (H)	100000	100000	100000	100000	100000	100000
Module Maintenance	Front	Front	Front	Front	Front	Front
PSU & Others Maintenance	Front	Front	Front	Front	Front	Front
Panel Installation Type	Wall / Stacking / Hanging	Wall / Stacking / Hanging	Wall / Stacking / Hanging	Wall / Stacking / Hanging	Wall / Stacking / Hanging	Wall / Stacking / Hanging
Certification	UL/CE/FCC	UL/CE/FCC	UL/CE/FCC	UL/CE/FCC	UL/CE/FCC	UL/CE/FCC

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

Bright Spaces. Brilliant Visuals.

Make your content stand out with brightness up to 1,500 nits. WX Pro - HB keeps images vivid, details clear, and messages easy to see in brightly lit interiors-even in spaces facing large windows.

From sunlit corporate lobbies to window-facing retail displays, its vibrant visuals capture attention and bring your content to life.



ATS|PRO

Specifications

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

Specifications	WX Pro-SF 1.8 HB	WX Pro-SF 2.5 HB
LED Type	SMD 3 in 1 1515	SMD 3 in 1 1515
Pixel Pitch (mm)	1.87	2.5
Panel Dimensions (W*H*D)/(mm)	960 x 540 x 28.5	960 x 540 x 28.5
Panel Weight (kg)	11.5	11.5
Pixel Per Panel (W*H)	512 x 288	384 x 216
Panel Material	Die Casting Aluminum	Die Casting Aluminum
Module Dimensions (W*H)/(mm)	240 x 270	240 x 270
Brightness (nit)	1500	1500
Refresh Rate (Hz)	7680	7680
Grayscale (bit)	16	16
Contrast Ratio	4000:1	4500:1
Color Temperature (K)	6500	6500
Viewing Angle (H/V) (°)	160/160	160/160
Driving Type	1/36	1/27
AC Operating Voltage (V)	100~240	100~240
Power Consumption (Max./Avg.) (W/m^2)	480/160	480/160
Storage Temperature (°C)	-40~ + 60	-40~ + 60
Operating Temperature (°C)	-10~ + 40	-10~ + 40
IP Rating (Front/Rear)	IP40/IP21	IP40/IP21
LED Lifetime (H)	100000	100000
Module Maintenance	Front	Front
PSU & Others Maintenance	Front	Front
Panel Installation Type	Wall / Stacking / Hanging	Wall / Stacking / Hanging
Certification	UL/CE/FCC	UL/CE/FCC

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

©2026 ATS PRO. ATS PRO is a registered mark of Activate the Space, LLC. Specifications and design are subject to change without notice. Non-metric weights and measurements are approximate. Simulated screen images. All brand, product, service names and logos are trademarks and/or registered trademarks of their respective manufacturers and companies. See ats-pro.com for detailed information.

www.ats-pro.com | 800-755-3235

@atsproled