



SLATE PRO SERIES

Where Clarity Meets Structure

Direct-View LED Solutions for Mission-Critical Environments.



TAA
COMPLIANT



PROTECTIVE
SURFACE



PRECISION PANEL
ALIGNMENT



ULTRA-THIN
DESIGN

SLATE PRO SERIES 0.9mm, 1.2mm, 1.5mm

ATS | PRO



Our Commitment to Compliance and Quality

Our TAA-compliant LED displays are built for government, military, and federally funded projects where both performance and compliance are essential. Designed to meet strict quality and regulatory standards, these panels are ideal for command centers, briefing rooms, and public-facing installations—delivering visual excellence with the assurance of full TAA compliance.

What Does TAA Compliance Mean?

The Trade Agreements Act (TAA) requires that products purchased by U.S. government agencies be manufactured or substantially transformed in a designated TAA-compliant country. This ensures that products adhere to international trade standards and uphold strict guidelines for origin, quality, and sourcing.

Why It Matters for LED Displays

TAA compliance isn't just about eligibility for government procurement—it's about ensuring that your display technology is backed by verified sourcing, ethical manufacturing, and dependable long-term performance. For agencies and contractors, choosing TAA-certified LED solutions means peace of mind in mission-critical environments.

Super **Protective** Surface



Dust-resistant



Anti-collision



Anti-oxidation



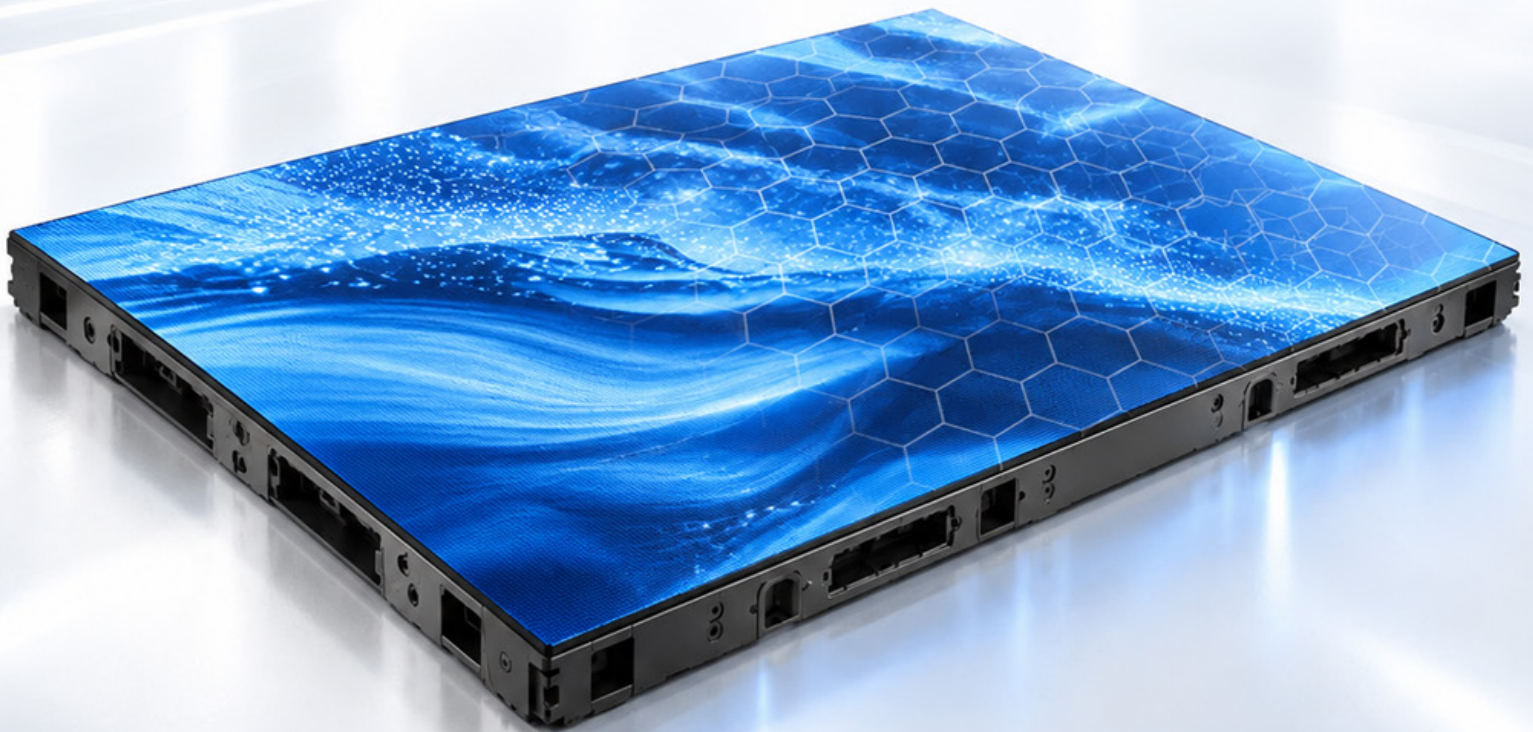
Moisture-resistant



Anti-static



Anti-finger marks



Deep Black. **Less Glare.** Greater Clarity.

Keep critical information clear and easy to see. The deep-black matte finish minimizes reflections in brightly lit control rooms and other mission-critical environments, helping maps, data, and live video remain sharp and readable.

Even when the screen is off, the matte surface delivers a clean, uniform black appearance from different viewing angles. Less glare also makes seams between modules and panels less noticeable than on glossy COB surfaces — for a refined, more seamless look.

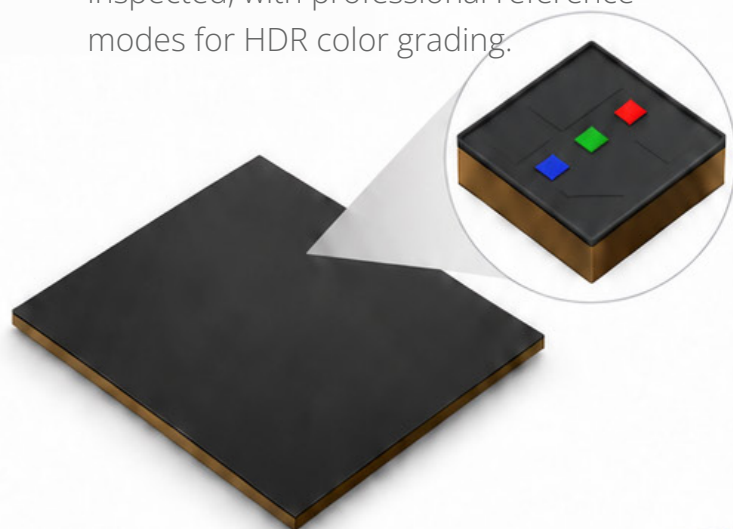


Refined, even when off.

More than Reliable

Made in Taiwan for mission-critical environments, the Slate Pro Series combines dependable performance with refined COB image quality. Enjoy crisp highlights, exceptional shadow detail, and vibrant, true-to-life colors.

Each panel is factory-calibrated and inspected, with professional reference modes for HDR color grading.



INCREDIBLE DETAIL

Brings out fine details in both highlights and shadows.



TRUE-TO-LIFE COLORS

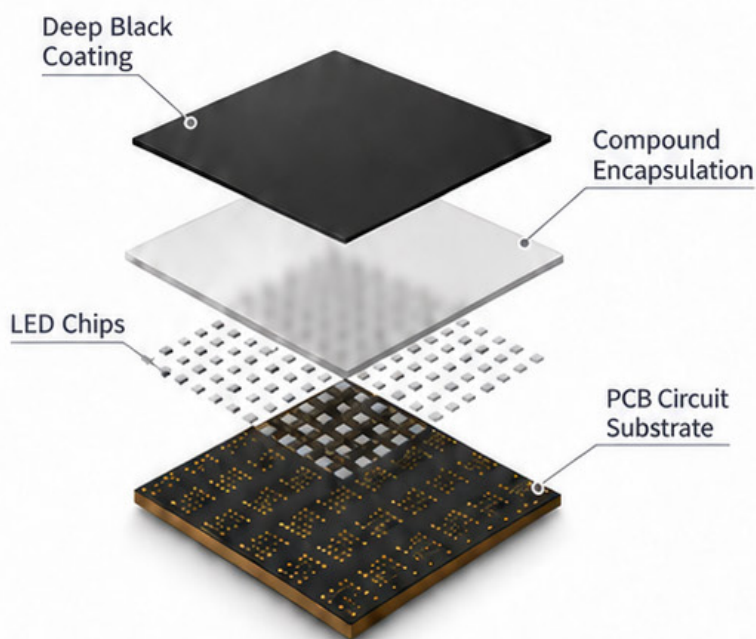
Vibrant, accurate color reproduction calibrated in the factory.



PRO REFERENCE MODES

Built-in HDR color grading modes for professional workflows.

CORE PACKAGING TECHNOLOGY



SMOOTHER MOTION. GREATER IMPACT.

High Refresh Rate: 7680Hz

The Slate Pro 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**

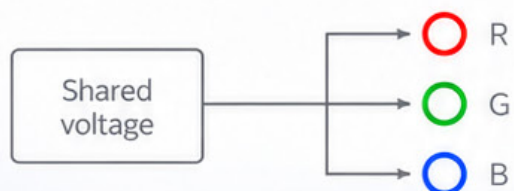
Powered by driver ICs,
PWM and PAM.

More than by Design

Common cathode technology supplies each LED color with the voltage it needs, reducing wasted power compared with a conventional common-anode design. This improves energy efficiency and generates less heat, helping the display operate more efficiently and maintain stable performance.

Keep your screen running long operation hours and it is still cool to the touch!

Conventional Common Anode



More wasted power and heat.

Slate Pro Common Cathode



Less wasted power. Less heat.



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.



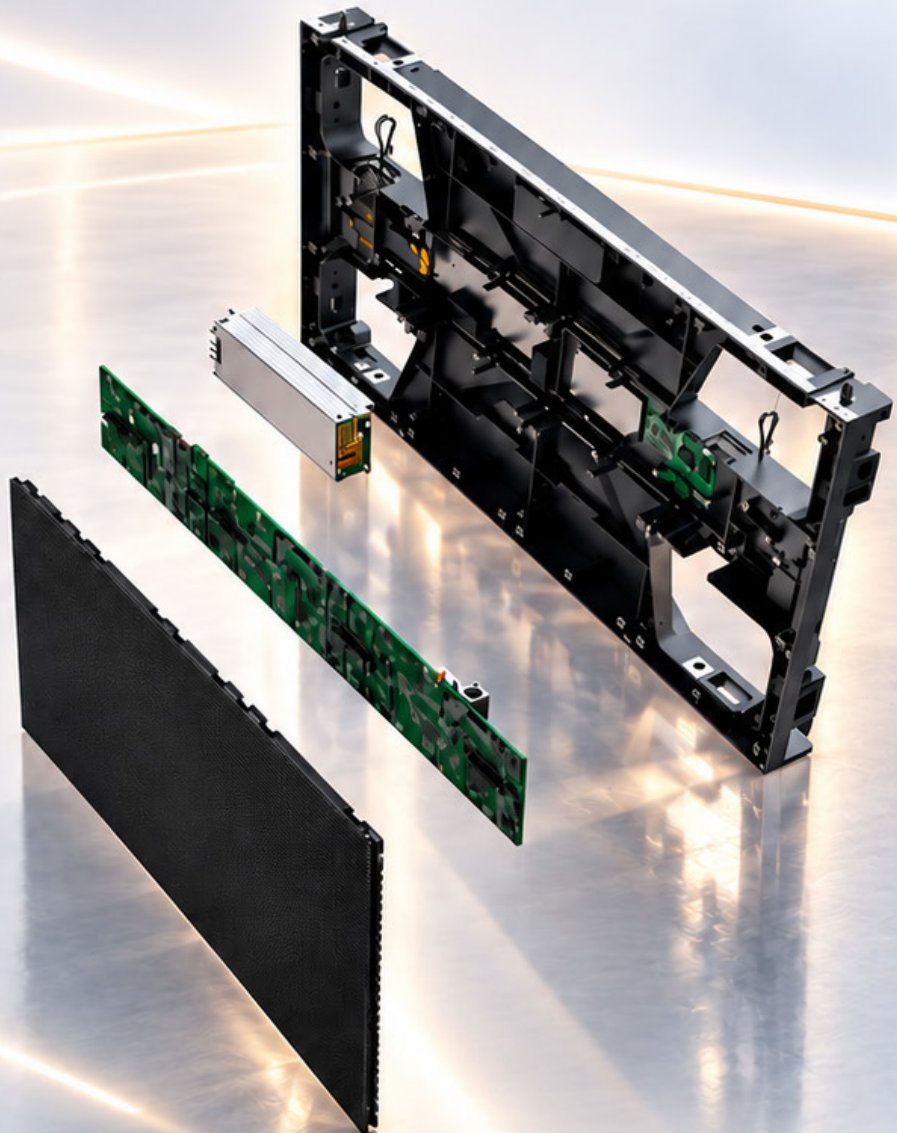
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Thin Profile

Just under 1.5" thick panel

Front Serviceable

The Slate LED display is designed with convenience and efficiency in mind, featuring full front serviceability. Both power units and LED modules can be quickly accessed and replaced from the front, streamlining maintenance and minimizing downtime. The result is a more reliable display solution with less interruption to your operations.



Specifications

ATS-PRO Slate Pro Modular LED panel shown.

Specifications	S093	S125	S156
LED Type	Common Cathode Flip Chip COB	Common Cathode Flip Chip COB	Common Cathode Flip Chip COB
Pixel Pitch (mm)	0.9375	1.25	1.56
Panel Dimensions (W*H*D)/(mm)	600 x 337.5 x 33	600 x 337.5 x 35	600 x 337.5 x 33
Pixel Per Panel (w, h)	640 x 360	480 x 270	384 x 216
Panel Weight (kg)	4.2	4.1	4.1
Panel Material	Die Cast Aluminum	Die Cast Aluminum	Die Cast Aluminum
Module Dimensions (W*H)/(mm)	300 x 168.75	300 x 168.75	300 x 168.75
Brightness (nit)	900	800	700
Refresh Rate (Hz)	7,680	7,680	7,680
Frame Rate (Hz)	60	60	60
Grayscale (bit)	16	16	16
Contrast Ratio	16,000:1	16,000:1	16,000:1
Color Temperature	9,000	9,000	9,000
Viewing Angle (H/V) (°)	Horizontal: 160 degrees Vertical: 160 degrees	Horizontal: 160 degrees Vertical: 160 degrees	Horizontal: 160 degrees Vertical: 160 degrees
Driving Type	1/46	1/45	1/46
AC Operating Voltage (V)	AC100-240V (50&60Hz)	AC100-240V (50&60Hz)	AC100-240V (50&60Hz)
Power Consumption (Max./Avg.) (W/m ²)	250/80	250/80	250/80
Storage Temperature (°C)	-30°C ~ +85°C	-30°C ~ +85°C	-30°C ~ +85°C
Operating Temperature (°C)	-20°C ~ +60°C	-20°C ~ +60°C	-20°C ~ +60°C
Storage Humidity (RH)	10% ~ 85%	10% ~ 85%	10% ~ 85%
Operating Humidity (RH)	10% ~ 90%	10% ~ 90%	10% ~ 90%
IP Rating (Front/Rear)	IP43/IP43	IP43/IP43	IP43/IP43
LED Lifetime (H)	100,000	100,000	100,000
Maintenance	Front	Front	Front
Panel Installation Type	Front	Fixed	Fixed

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



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