

# Taylorleds



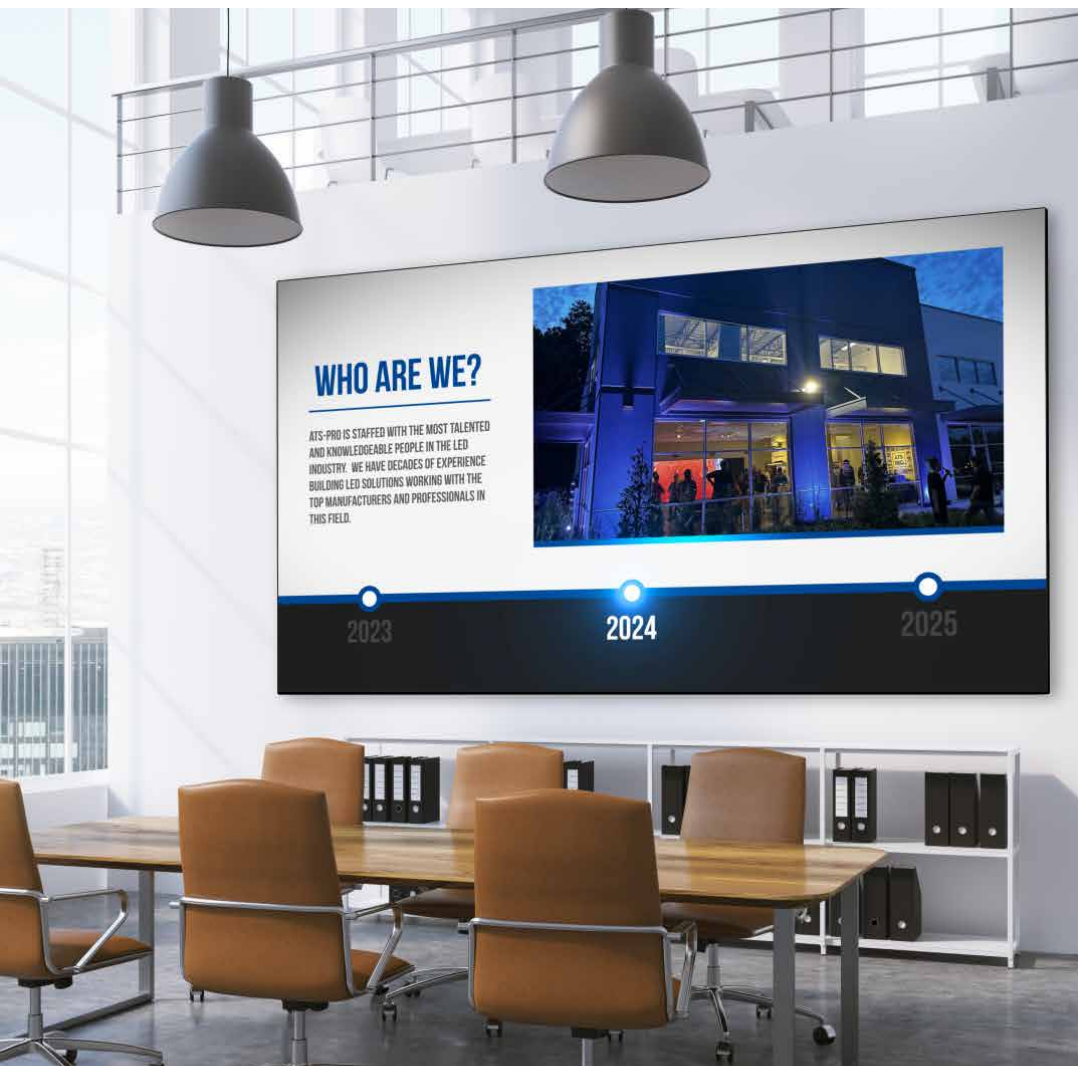
## Collaborate Series

Our Collaborate Series comes with everything you need.  
Right out of the box. Ready to install.

COLLABORATE SERIES 1.2mm, 1.5mm, 1.8mm

2024 COLLABORATE SERIES ALL IN + ONE 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*

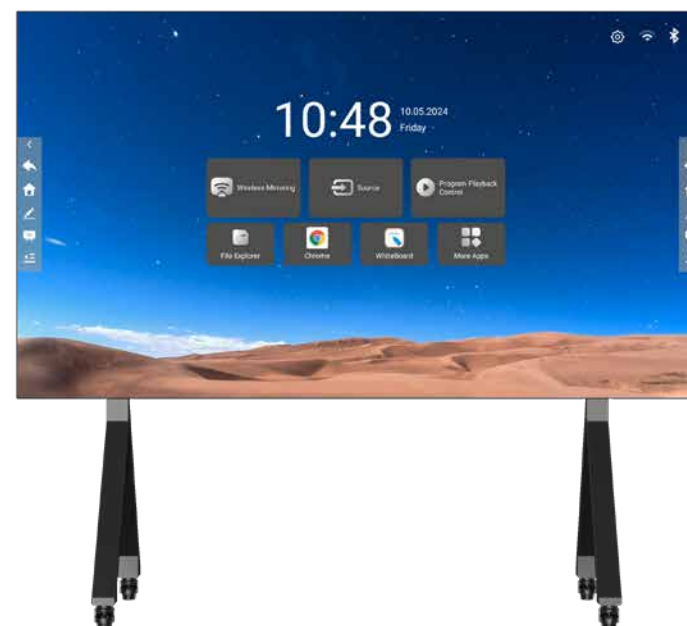




## ALL IN + ONE



The design concept behind the ATS-Pro All In + One is simple. Use the best Flip Chip COB LED panel on the market today from Taylorleds. Keep the “All in One” electronics for LED processing, HDMI inputs, Wi-Fi, USB inputs, audio, and operating system with apps and video playback in an external solution from NovaStar and add finishing touches like wall mounts, stand and trim. No need for special power or wiring. Pick your size, add on any options, and you’re ready to go.





# Practical functions, applicable to a variety of scenarios

## Smooth and Stable Wireless Screen Projection

Wireless screen projection, simple and convenient interaction.  
8m away from the screen, latency  $\leq 80\text{ms}$ . 60 frames per second  
of wireless transmission, smooth and stable.



## Multi-mode Effect

One-click eye protection, filters out 30% of harmful blue light, relieving long-time viewing fatigue. Preset standard, soft, theater and meeting mode, users can match the best display effect according to different scene requirements.



## One-stop Meeting Experience

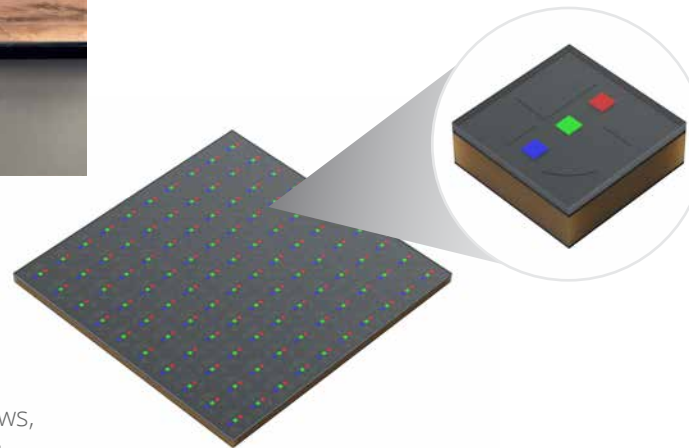
Rich interface, easy to achieve multiple peripheral integration.  
Built-in meeting applications, whiteboard, office software, etc.





## Optional Touch Screen

Supports a multi-point infrared touch system that will elevate user engagement and interactivity. Sketch out your ideas, analyze a business chart, or flip through a Power Point presentation with ease.



## The Best COB Display

Brings refined specular highlights, incredible detail in shadows, and vibrant, true-to-life colors. Each display is calibrated in the factory and features pro reference modes for HDR color grading.

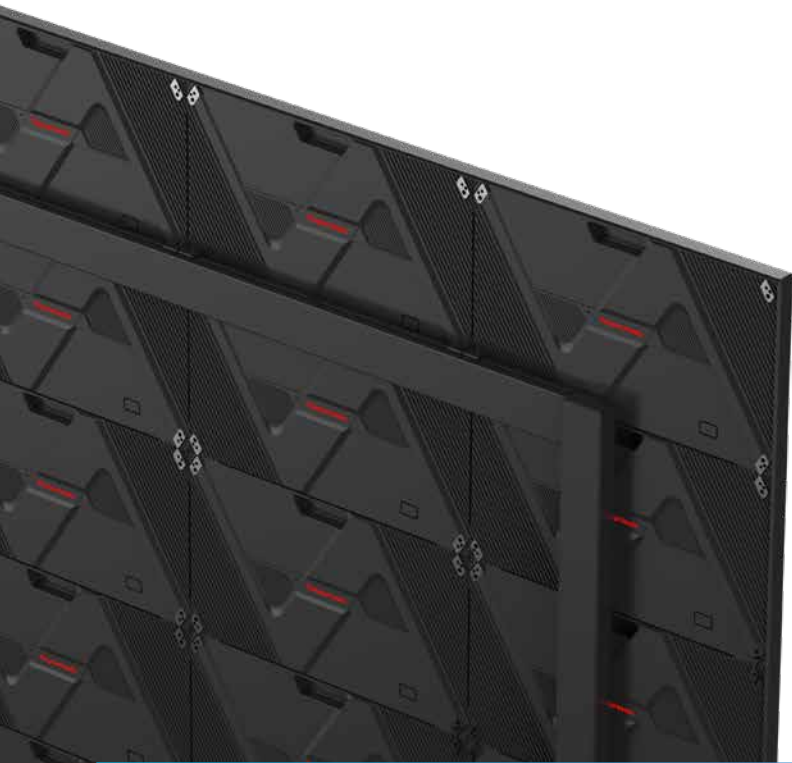
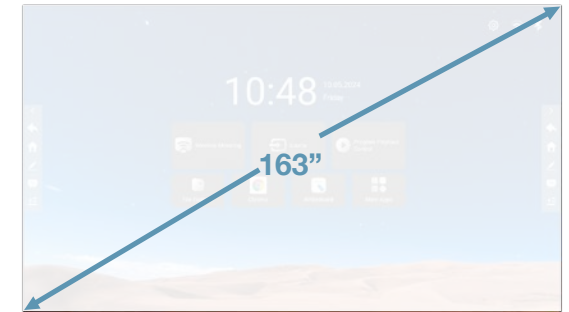
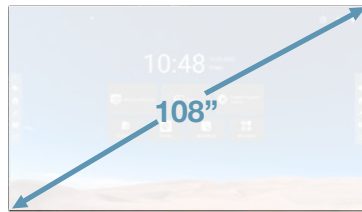
## Fast Screen Connection

Five seconds is all it takes to connect from your phone to the LED screen using photo capture.



# Multiple panel sizes

There are three screen sizes available with diagonal widths of 108", 136" and 163".



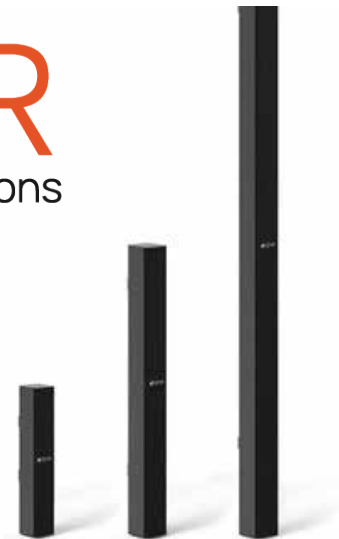


## Optional Speakers

Optional Line Array Speaker System from K-Array's KGEAR products. An exceptional audio system with unmatched audio clarity and versatility, not cheap built-in speakers found in other all-in-one LED displays.

Experience an ultra-compact line array and point source column speakers that deliver exceptional sound performance in a small, lightweight design.

**KGEAR**  
Smart Audio Solutions



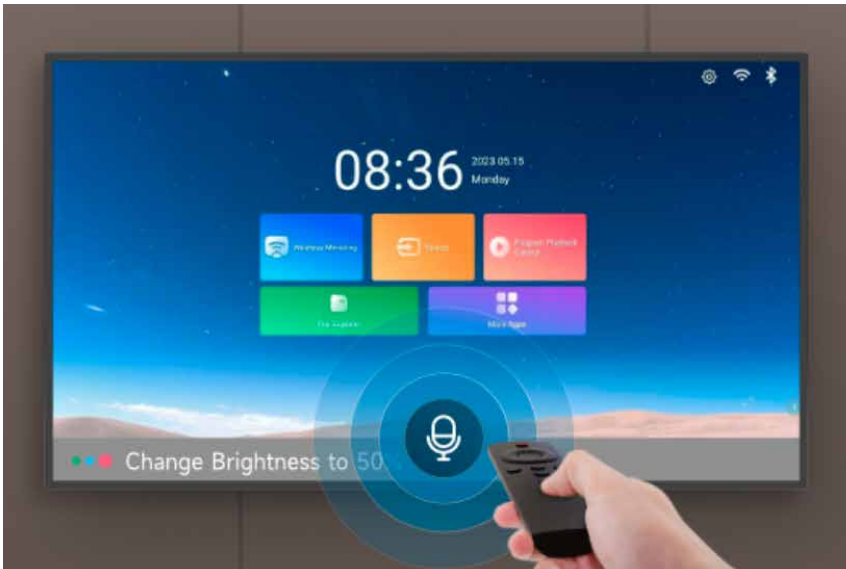


## Smart Control by App

LAN or remote program editing, scheduling, release, and broadcast control through the app, which is convenient to interact with the LED screen.

## Intelligent Remote Control

Program editing and broadcast control can be completed in three simple steps with the remote control. The interface is as easy as using your smart TV at home.



## AI Intelligent Voice Control

Voice intelligent display control, application experience comprehensive upgrade.

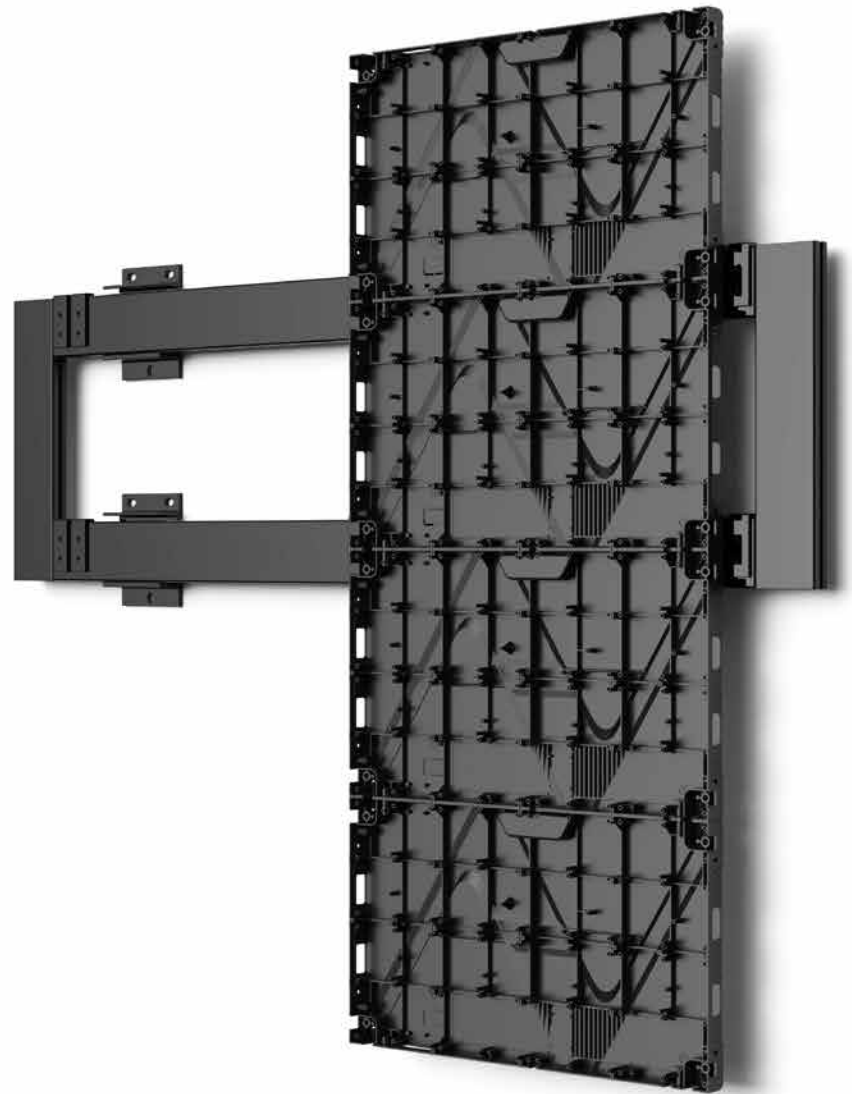
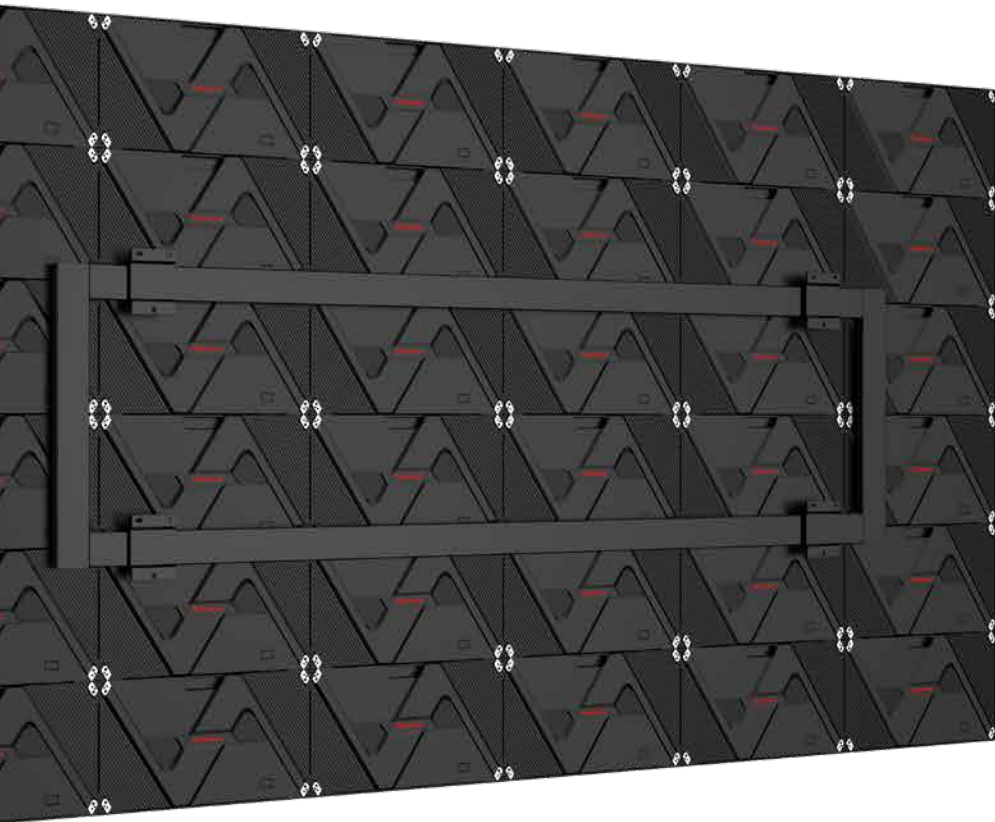


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# Wall Mounting Options

## Wall Mount System

Specifically designed wall mount system for Collaborate Series.  
Brackets are modular designed and easily connect together.



# Floor Options

## Movable Floor Stand

Specifically designed and affordable floor stand for Collaborate Series panels allowing you to easily move your screen to any location for a meeting.



# Specifications

ATS-PRO COLLABORATE SERIES ALL IN + ONE LED panel shown. Additional frame sizes available.

Specifications	Collaborate 108	Collaborate 136	Collaborate 163
LED Type	Flip Chip COB	Flip Chip COB	Flip Chip COB
Pixel Pitch (mm)	1.25	1.56	1.87
Screen Dimensions (W*H)/(mm)	2400 x 1350	3000 x 1687.5	3600 x 2025
Screen Dimensions (W*H)/(ft)	7.87 x 4.43	9.84 x 5.54	11.81 x 6.64
Screen Resolution (dots)	1920 x 1080	1920 x 1080	1920 x 1080
Brightness (nit)	800	800	600
Refresh Rate (Hz)	3840	3840	3840
Gray Scale (bit)	14 Bit	13 Bit	13 Bit
Contrast Ratio	15,000:1	15,000:1	15,000:1
Viewing Angle	160/160	160/160	160/160
Power Consumption (Max./Avg.) (W/m <sup>2</sup> )	350/117	326/109	325/108

## TU20

Touch Option	± 1mm touch accuracy, 20 simultaneous touch points
Android System	Android 11.0
Mirror From	Windows, macOS, iOS, and Android
Handheld Remote	Included
Processor Core	Main Frequency 1.8G 64-bit Quad-core Processor
Storage	4GB + 32GB
Control Interface	1 × RJ45; 1 × RS232
TU20-Pro Input/Output Interface	(2) HDMI 1.3 IN, (3) USB 2.0 IN, (1) Audio OUT, (1) SPDIF OUT
Mounting Options	Stand or Wall Mount
IP Rating (Front/Rear)	IP40/IP21

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





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