



WHO ARE WE?

ATS-PRO IS STAFFED WITH THE MOST TALENTED AND KNOWLEDGEABLE PEOPLE IN THE LED INDUSTRY. WE HAVE DECADES OF EXPERIENCE BUILDING LED SOLUTIONS WORKING WITH THE TOP MANUFACTURERS AND PROFESSIONALS IN THIS FIELD.



2023

2024

2025

Taylorleds



ALL IN + ONE

COLLABORATE |

Masters in the Art of LED

2024 ATS-PRO COLLABORATE ALL IN + ONE LED MADE FOR ATS-PRO BY TAYLORLEDS





Taylorleds
ALL IN + ONE

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.



LED Display (Stand or Wall Mounted)



All In One Electronics (External)

COLLABORATE





Taylorleds
ALL IN + ONE



Practical functions, applicable to a variety of scenarios

Wireless screen projection, smooth and stable

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.

One-stop meeting experience

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

Multi-mode effect adjustment

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.



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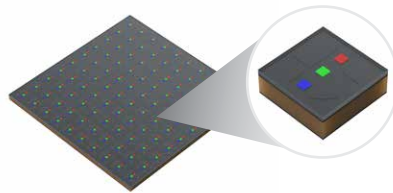
All In + One Kit

Our Collaborate Series comes with everything you need right out of the box and ready to install. No need for special power or wiring. Pick your size and any add on options, and you're ready to go.



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.



Optional Speakers

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



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.



Fast Screen Connection

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



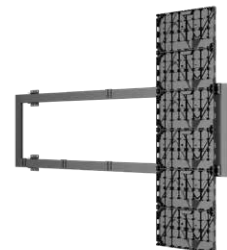
AI Intelligent Voice Control

Voice intelligent display control, application experience comprehensive upgrade.



Floor Stand

Specifically designed and affordable floor stand for Collaborate Series panels.



Wall Mount

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



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)	600	600	500
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 ²)	325/975	567/1701	790/2369

TU20

Touch Option	± 1 mm 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

Learn More

ats-pro.com

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