

WS Series 1:1 Ratio

ATS-PRO **MODULAR** INDOOR HD DIRECT VIEW LED WALLS

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2021 ATS-PRO WS SERIES MODULAR INDOOR LED MADE FOR ATS-PRO BY: **Taylorleds**

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2021 ATS-PRO WS SERIES MODULAR INDOOR LED

State of the Art Direct View LED

The finest built Direct View LED Wall Systems

Taylorleds is an innovative, integrity minded joint-venture focused on providing State of the Art LED products. Absen owns 80% of Taylorleds and manufactures most of Taylorleds LED Display products while Design, R&D and QC are handled by Taylorleds. Absen is a public-listed Chinese LED Display manufacturer.

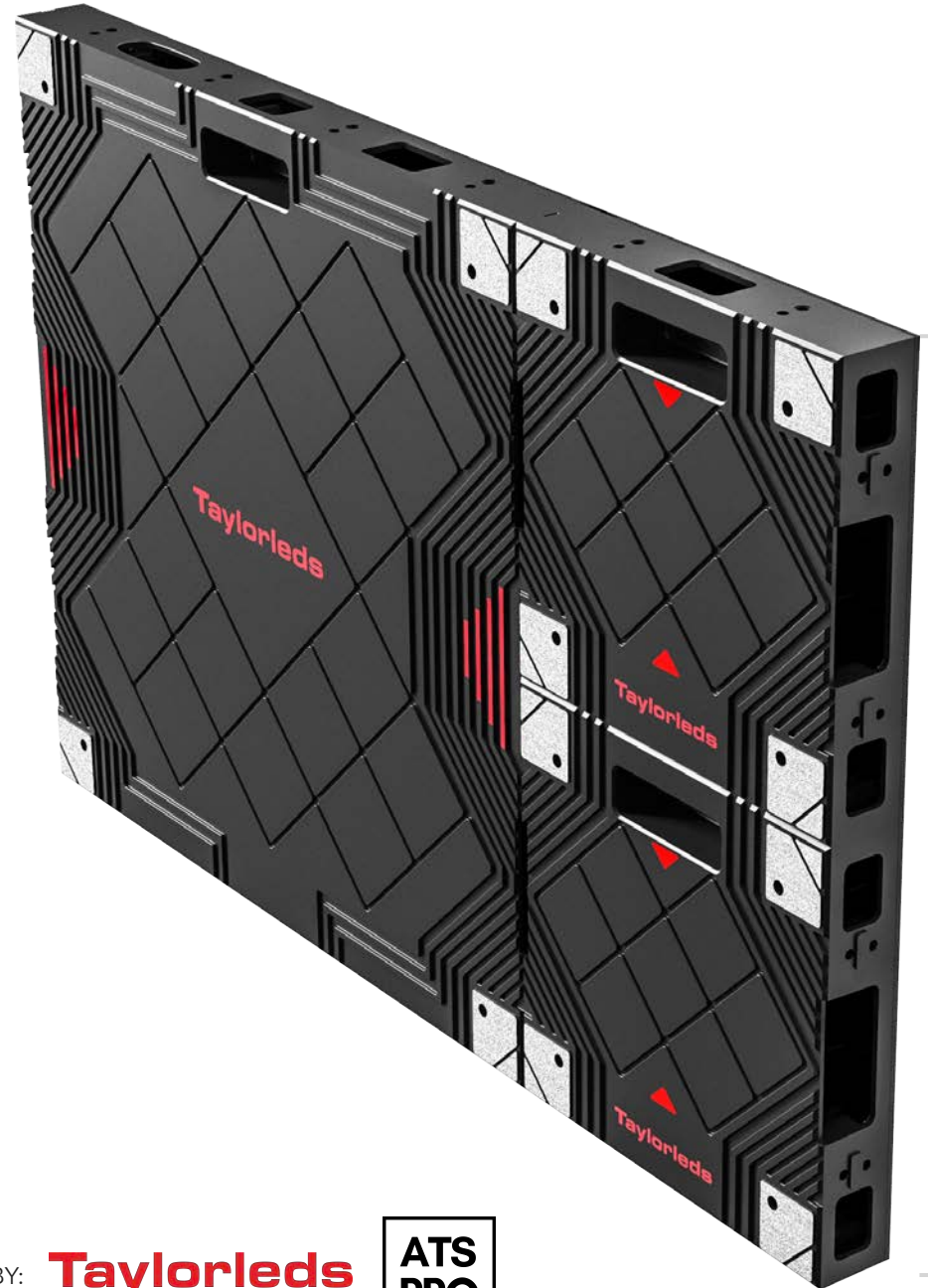
For more than 15 years the staff at ATS-Professional has designed and built some of the most iconic indoor LED systems throughout the world with Pixel ranges from .83mm to 4mm in all sorts of sizes and shapes.

ATS-Professional is a direct designer and importer of OEM LED Panel designs. Our LED products are manufactured for ATS by some of the largest LED factories in the world.

We choose OEM factories based on the requirements of the project and each factory's unique capabilities to provide the finest solution for our customers based on our Engineering Build Requirements and Design.

With decades of experience dealing in OEM manufacturing and our Un-matched internal Design and Engineering, ATS-Professional introduces our newest and most advanced line of indoor LED systems.

Every facet of the Design has been meticulously thought out. Mechanical Design, Visual Electronics, Installation, Reliability, Service and Support, Multiple Resolutions and Media Playback Systems to fit any budget.



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Taylorleds Advanced Features

Creative Combination

The WS panel consists of 3 pieces; one main panel (master), 500x500mm in size, and two smaller modular (slave) panels, 250x250mm each.

Superlight and Thin

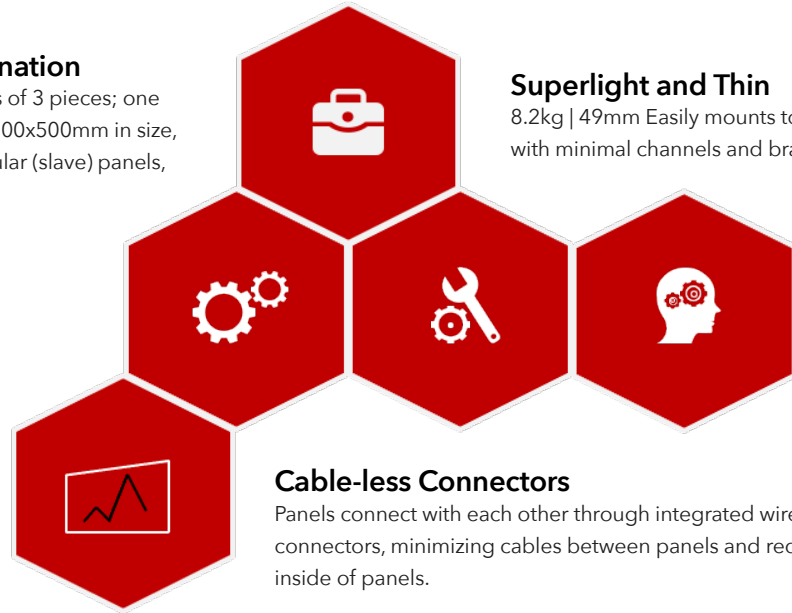
8.2kg | 49mm Easily mounts to wall and flat surfaces with minimal channels and brackets.

Quality Picture

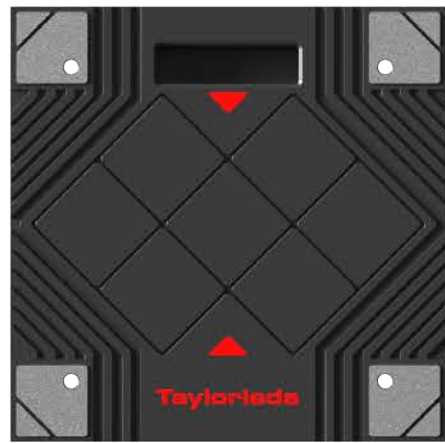
Available in 4 different pixel pitches with 3840Hz refresh rate and 14bit grayscale perfect for broadcast and dark content

Cable-less Connectors

Panels connect with each other through integrated wireless connectors, minimizing cables between panels and reducing clutter inside of panels.

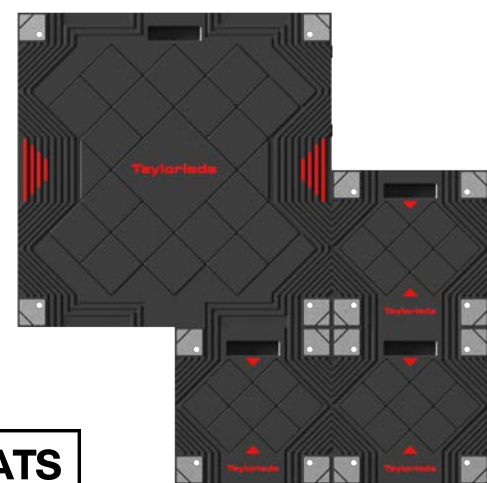
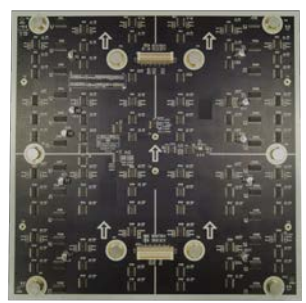


Advanced Features continued



Modules

Slim modules without housing for uniformity & flatness



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Advanced Features continued

Mounting Options

The most versatile mounting options of any LED panel on the market.

Wall Mount

Specifically designed wall mount system for WS panels. Brackets are modular designed and easily connect together making them small and light for shipping.

Front View

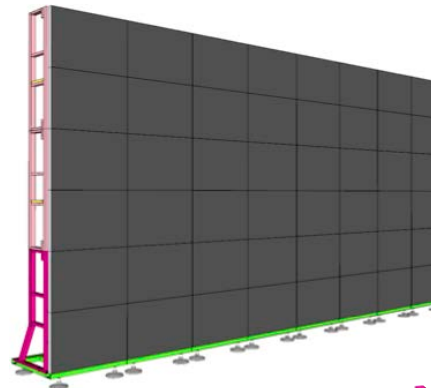


Rear View

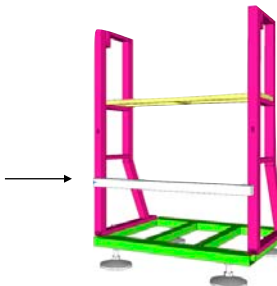


Floor Stack

Specifically designed and affordable Floor Stack for WS panels. Cross bar option to lift rows off of the floor for better viewing while on stage.

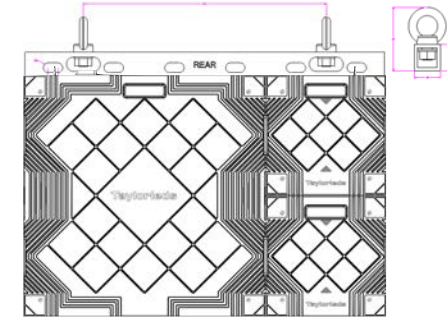


Base Bar to lift bottom row

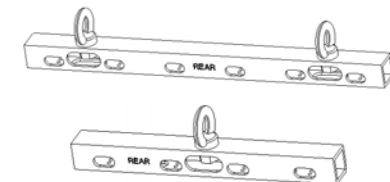


Hanging Bracket

Specifically designed for WS Panels in 750mm and 500mm wide options. Allows for 10 high panels high (16.4') and any wall width.



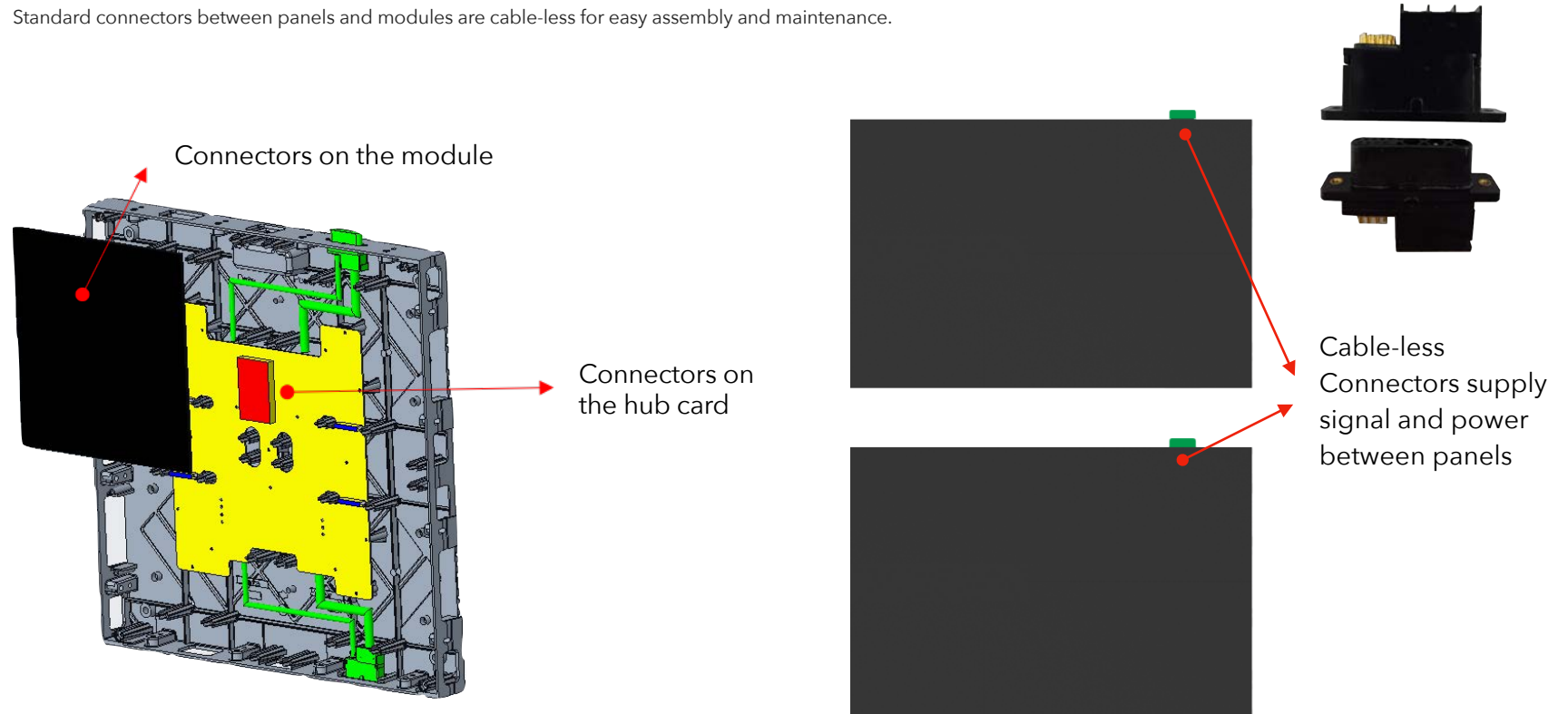
500mm and 750mm options



Advanced Features continued

The Cable-less Panels

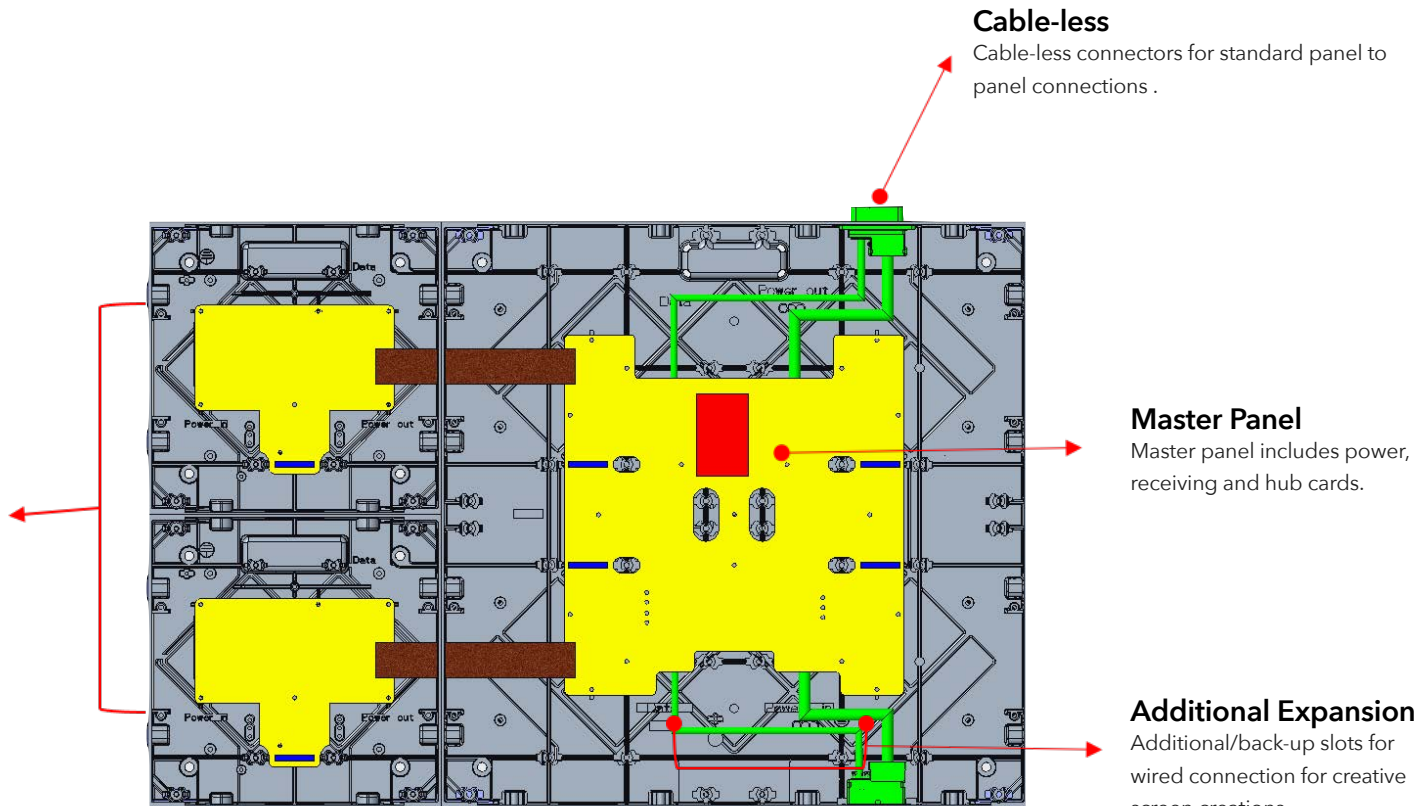
Standard connectors between panels and modules are cable-less for easy assembly and maintenance.



Advanced Features continued

Slave Panels

Two slave panels includes only hub card and shares power and data with master panel.

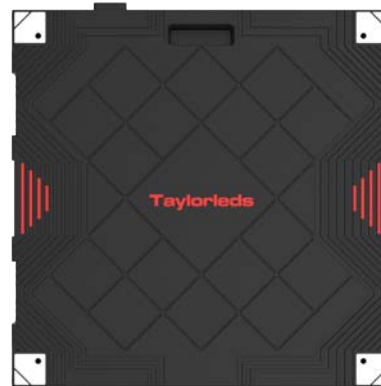


Advanced Features continued

Master Panel
500mm x 500mm



Front View



Rear View



Side View

Slave Panel
250mm x 250mm



Front View



Rear View

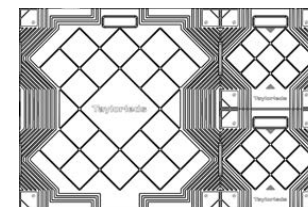


Side View



Specifications

2021 ATS-PRO WS SERIES MODULAR INDOOR LED



Specifications	WS 1	WS 2 Pro	WS 2	WS 3
LED Type	Black SMD1010	Black SMD1515	Black SMD2121	Black SMD2121
Pixel Pitch (mm)	1.95	2.6	2.97	3.97
Panel Dimensions (W*H*D)/(mm)	750×500×49 500×500×49 250×250×49	750×500×49 500×500×49 250×250×49	750×500×49 500×500×49 250×250×49	750×500×49 500×500×49 250×250×49
Panel Weight (kg)	9.5 (750x500)	9.5 (750x500)	9.5 (750x500)	9.5 (750x500)
Panel Material	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum	Die Casting Aluminum
Module Dimensions (W*H)/(mm)	250×250	250×250	250×250	250×250
Brightness (nit)	800	1200	1200	1200
Refresh Rate (Hz)	3240	3840	3840	3840
Gray scale (bit)	14	14	14	14
Contrast Ratio	4000:1	4500:1	5000:1	6000:1
Color Temperature (K)	6500	6500	6500	6500
Viewing Angle (H/V) (°)	140/120	140/120	140/120	140/120
AC Operating Voltage (V)	100~240	100~240	100~240	100~240
Power Consumption Max./Avg.) (W/m ²)	400/133	540/180	540/180	540/180
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
Certification	TUV-CE, RoHS, UL, FCC	TUV-CE, RoHS, UL, FCC	TUV-CE, RoHS, UL, FCC	TUV-CE, RoHS, UL, FCC

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

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