WU Series 16x9 Ratio

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

ATS PRO ™

Taylorleds

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.

Fine pitch 16:9 LED panels for ultimate viewing experience

Ultra Slim Profile

Cableless

Wall Mounting/ Hanging/Stacking

6-axis Alignment

16:9 Aspect Ratio

Dual Power and Signal Available

Advanced Features

Hanging Bracket
Specifically designed for WU Panels in 610mm and 1220mm wide options. Allows for 10 high panels high (16.4') and any wall width.

Wall Mount
Specifically designed wall mount system for WU panels. Brackets are modular designed and easily connect together.
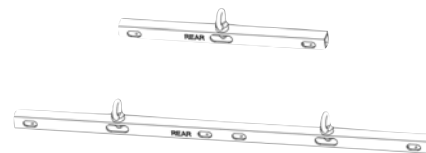
Floor Stack
Specifically designed and affordable Floor Stack for WU panels. Cross bar option to lift rows off of the floor for better viewing while on stage.
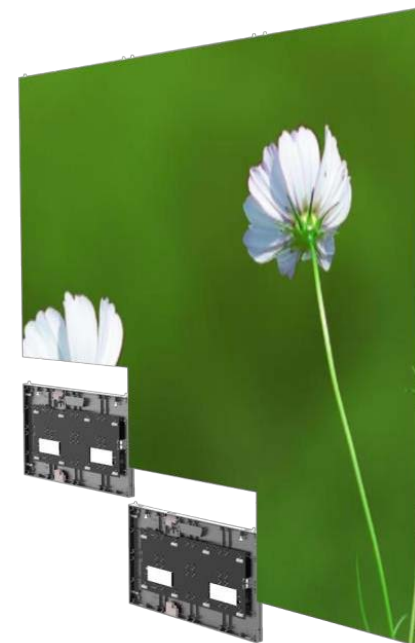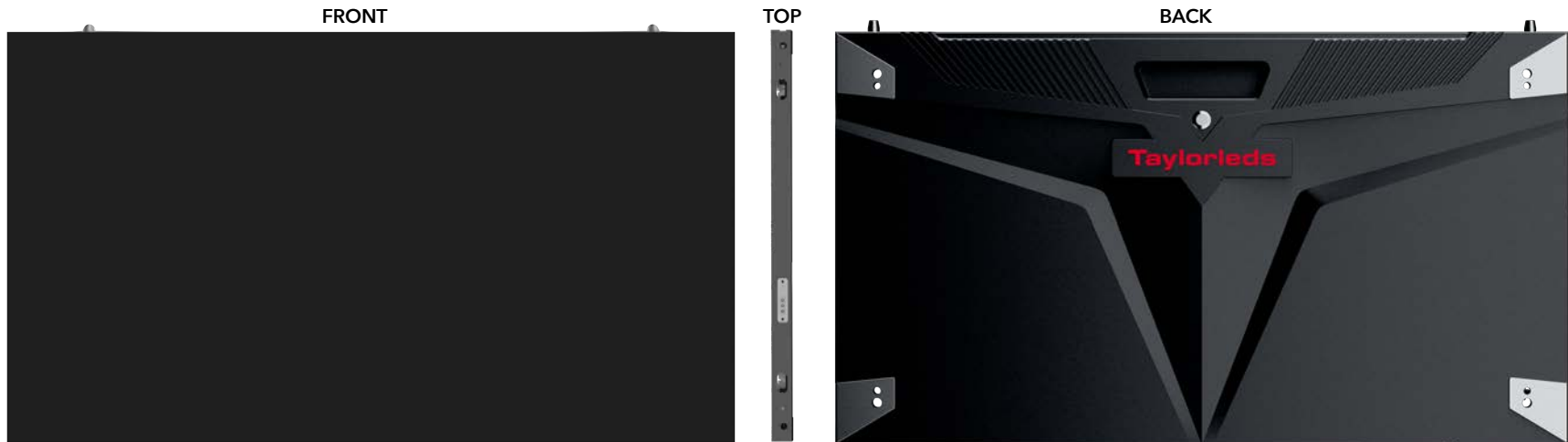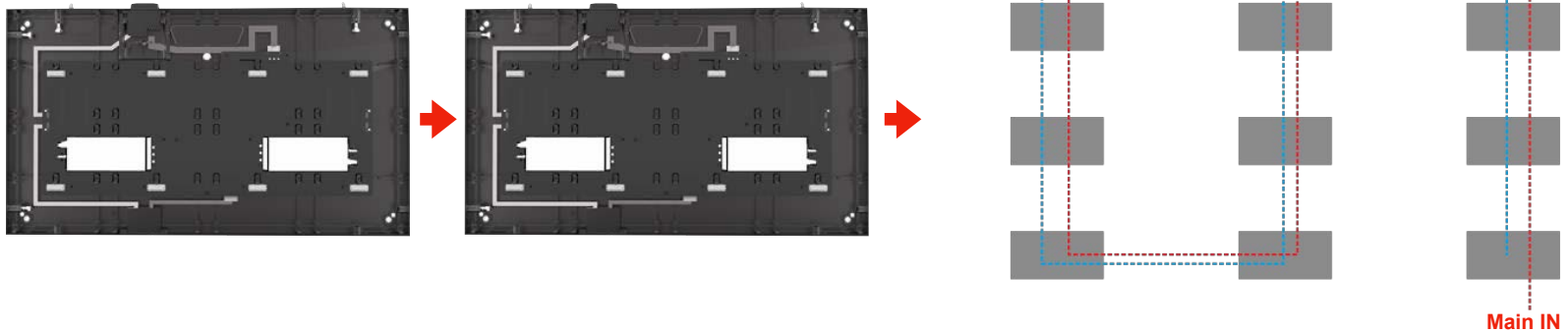
Advanced Features continued

FRONT

TOP

BACK

Dual Power and Signal Option

- A backup PSU and receiver card can be installed
- Backup option for better stability

Backup IN

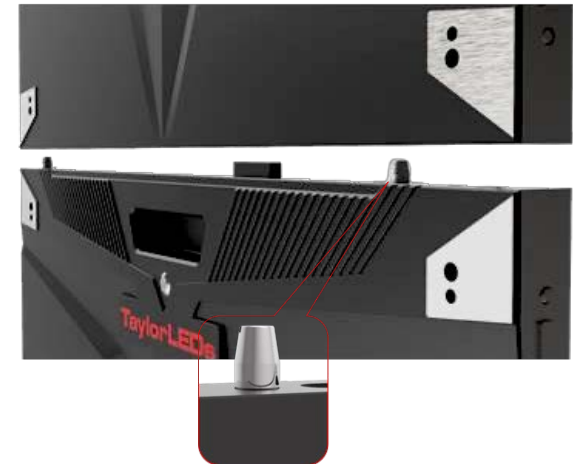Main IN

Advanced Features continued

Cable-less

- No cable between panels
- Retractable connectors
- No cable from module to panels
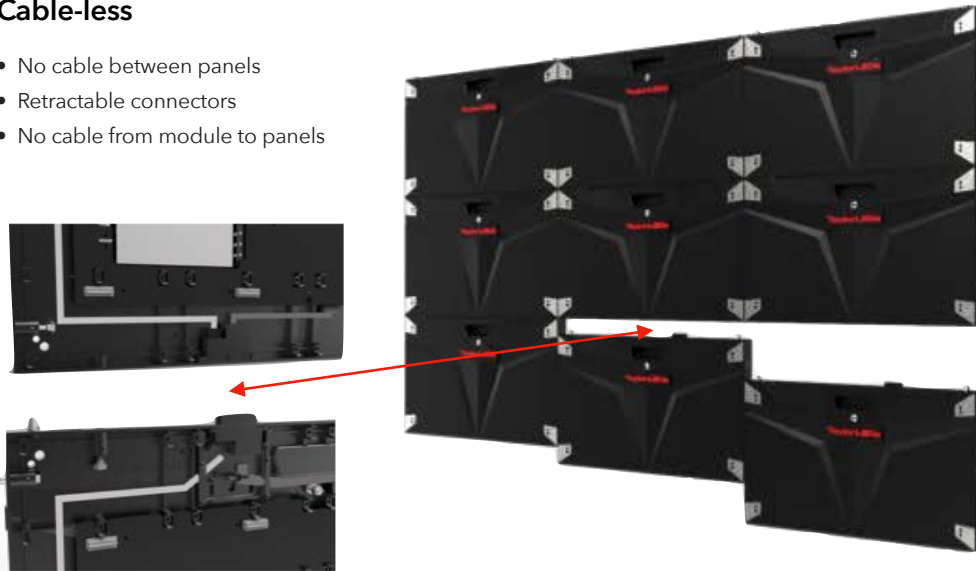
Alignment Anchors for Perfect Flatness

- Two alignment pins on top
- Three alignment anchors on the side

100% Front Serviceability
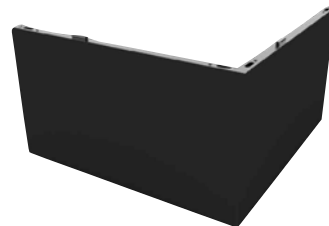
- Vacuum tool for modules
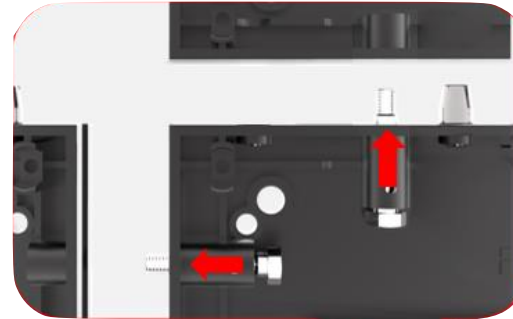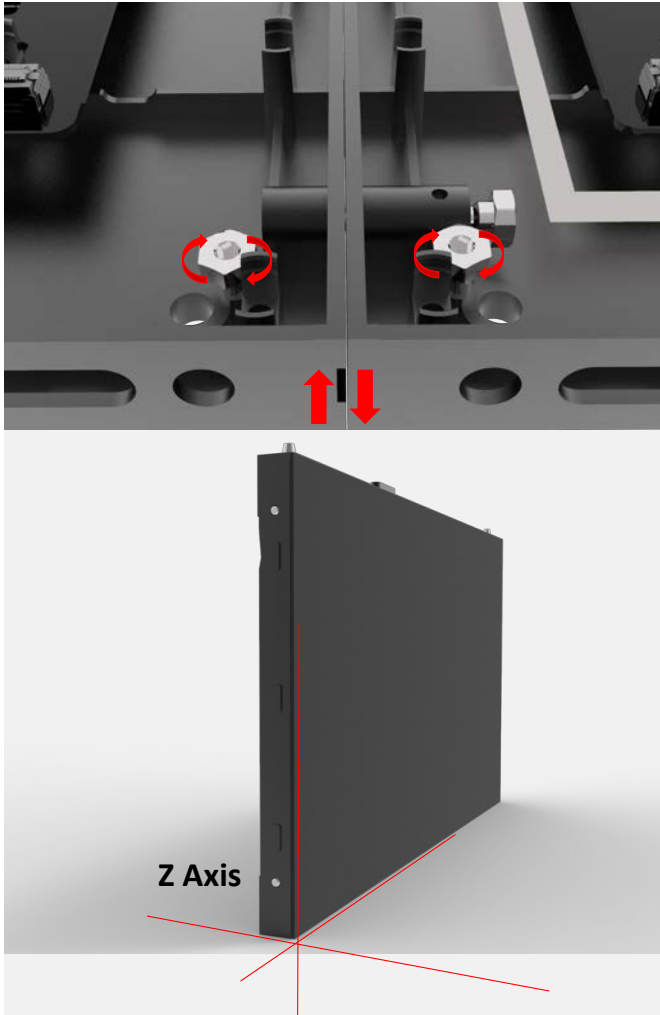- Hubs and PSUs accessible from the front

90° Optional Corners

- 90° panels available to create corner screens to wrap walls and columns
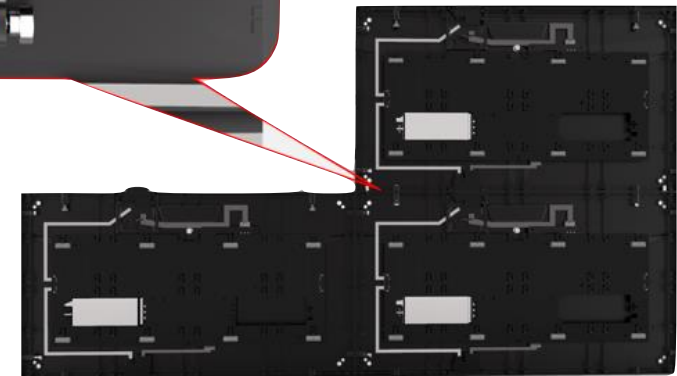
Advanced Features continued

Z Axis Adjustment

TaylorLEDs
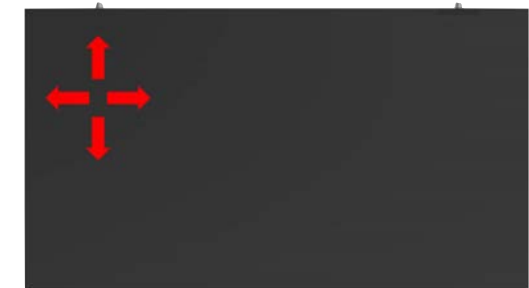
• Four screws per panel to adjust for uneven walls

Z Axis

All Captive Screws

• Two screws on top
• Two screws on the side

TaylorLEDs

ATS PRO™.

3840 X 2160 LAYOUT MATRIX

	0.95						1.2		1.58		1.9		2,54			
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
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1920 X 1080 LAYOUT MATRIX

	0.95			1.2	1.58	1.9	2.54									
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
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Specifications

Specifications	WU 0.9 COB	WU 1.2 COB	WU 1.2	WU 1.5	WU 1.9	WU 2.5
LED Type	COB	COB	SMD 3 in 1 1010	SMD 3 in 1 1010	SMD 3 in 1 1515	SMD 3 in 1 2121
Pixel Pitch (mm)	0.95	1.27	1.27	1.58	1.9	2.54
Panel Dimensions (W*H*D)/(mm)	610×343×44	610×343×44	610×343×34	610×343×34	610×343×34	610×343×34
Panel Weight (kg)	6.5	6.5	4.8	4.8	4.8	4.8
Pixel Per Panel (w, h)	640 * 360	480 * 270	480 * 270	384 * 216	320*180	240*135
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)	152.5×343	152.5×343	152.5×343	152.5×343	152.5×343	152.5×343
Brightness (nit)	600	600	600	600	800	1000
Refresh Rate (Hz)	3840	3840	1920/3840	1920/3840	1920/3840	1920/3840
Gray scale (bit)	14	14	13 Bit/14 Bit	13 Bit/14 Bit	13 Bit/14 Bit	13 Bit/14 Bit
Contrast Ratio	15000:1	15000:1	3000:1	4000:1	4000:1	4000:1
Color Temperature (K)	9000	9000	6500	6500	6500	6500
Viewing Angle (H/V) (°)	160/160	160/160	160/140	160/140	160/140	160/140
AC Operating Voltage (V)	100~240	100~240	100~240	100~240	100~240	100~240
Power Consumption Max./Avg.) (W/m²)	620/207	540/180	630/210	610/203	540/180	610/203
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
Maximum Rigging QTY	10	10	10	10	10	10
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