

NOVA
CONTROLLER



FRONT
SERVICEABLE



HIGH
RESOLUTION



HIGH
REFRESH



FANLESS



INDOOR



RENTAL

Pixel**FLEX**™

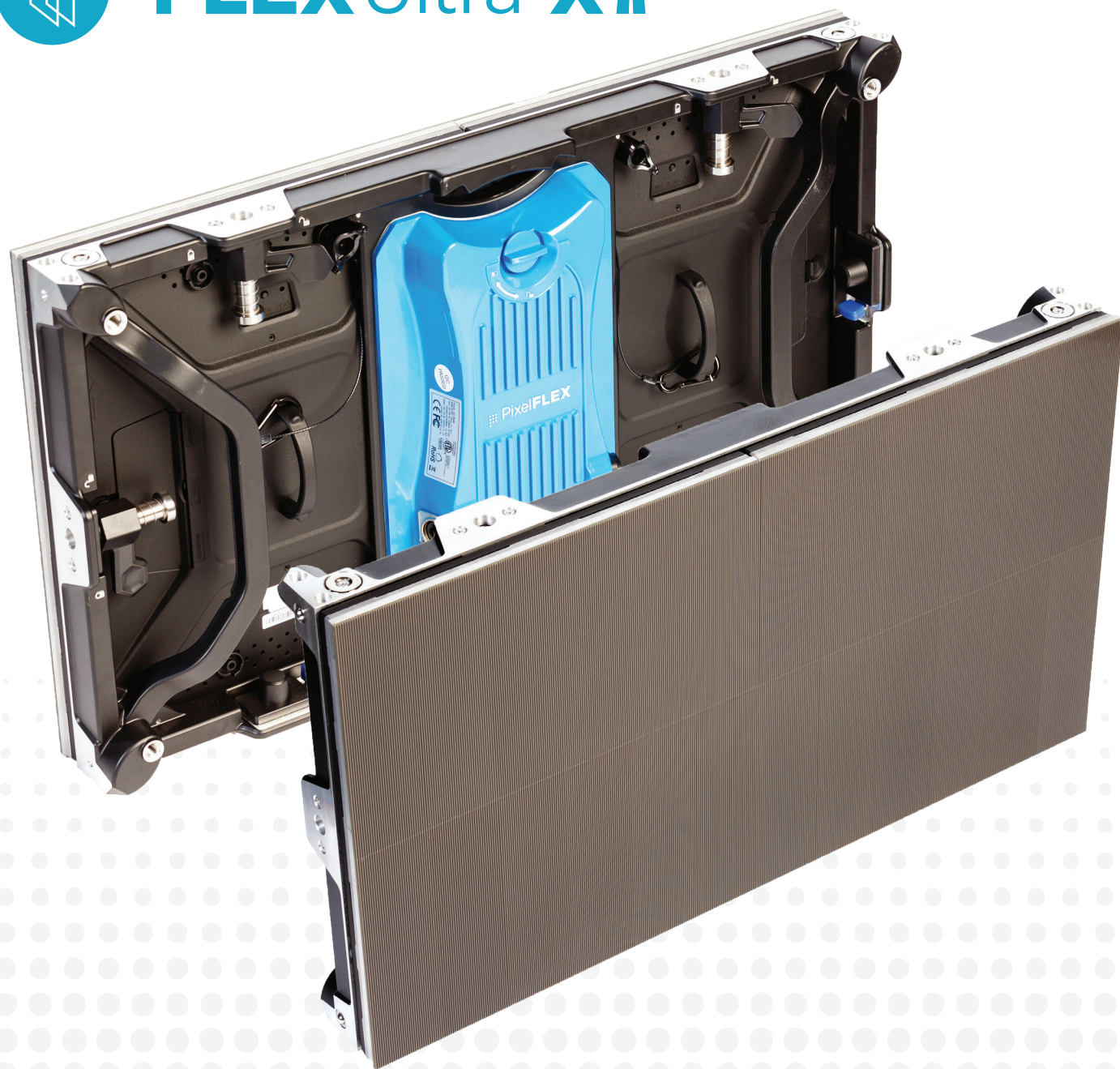
FLEX Ultra XR



PixelShield™



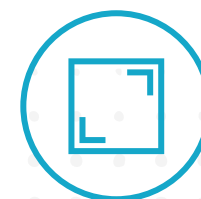
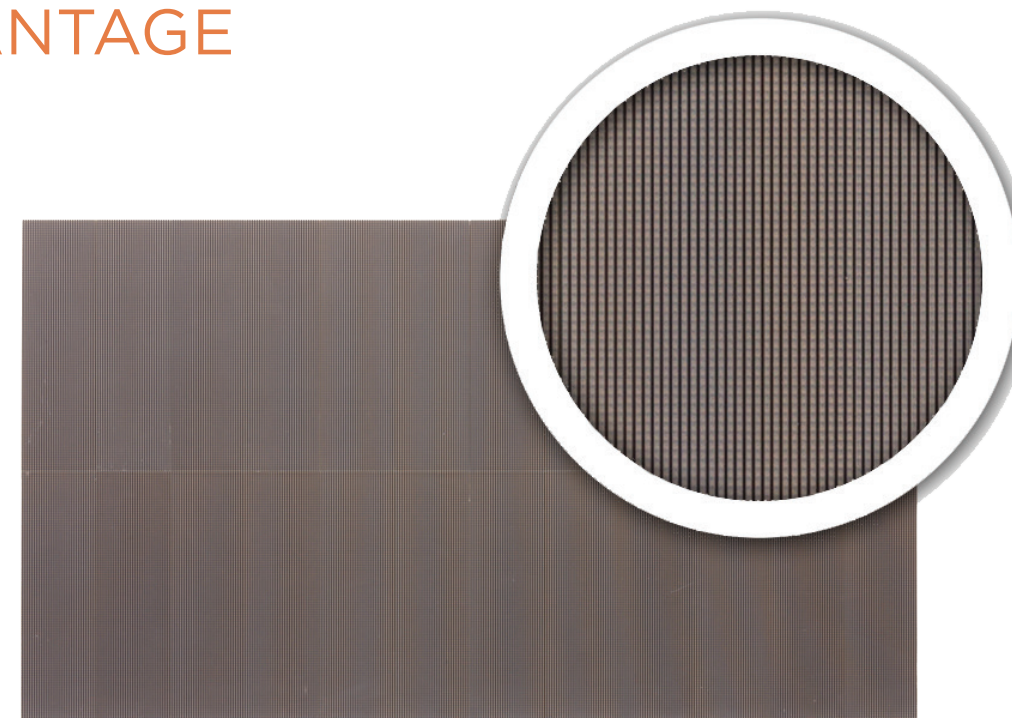
FLEXUltra XT



DESIGNED TO MOVE FORWARD

FLEXUltra XT LED video displays combine extreme performance and durability into a single panel designed for rental staging. Numerous pixel pitch offerings allow you to showcase stunning Ultra HD content. Each panel is conveniently designed in a perfect 16:9 ratio, with unparalleled protection from our impact resistant COB PixelShield™ technology to withstand the high demands of the production world. Front serviceable modules make it easy to keep this panel looking good, all the time. Easy Z-Axis adjustments guarantee that your screen is always seamless.

ADVANTAGE



ULTRA HIGH-RES PITCH

Resolution is often key in most installs of LED. The FLEXUltra XT pitch is one of the highest resolution displays in the production industry.



PIXEL CALIBRATION

Your tiles are calibrated directly out of the box to help decrease failure, and ensure perfect color and brightness of your LED screen.



FUTURE READY

Modules can be upgraded or increase the resolution to your screen by simply replacing magnetic modules. No construction, no mess, no costly frame upgrade.



SCREEN CARE MADE SIMPLE

FLEXUltra XT is packed with features that make upkeep easy and pain-free, from easy-to-remove panels to less complicated cabling and connection points.



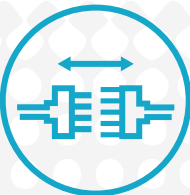
FRONT SERVICEABLE

Panels can be completely disassembled from the front allowing for installations with no rear access to panels. Replace faulty LED's, power supplies and data hubs without the hassle.



MAGNETIC MODULES

Magnetically secured modules allow for secure fixing of modules to frames, as well as easy removal for service.



QUICK-RELEASE CABLING

Internal cabling is all quick release allowing for tool less service.

STANDARD LED MODULE

FLEXUltra XT



NO MORE MOIRÉ

Patented anti-moiré technology eliminates the natural flicker effect most standard LED displays create, allowing the content to be photographed or caught on video without frustrating color patterns and interference.

ADDED PROTECTIVE COATING

PixelShield™ true COB technology offers industry leading impact and scratch resistance to your FLEXUltra XT fine pixel pitch display modules. With PixelShield™ FLEXUltra XT guarantees a dramatic decrease in pixel failures over the lifetime of your display, and sets it apart from other displays in terms of durability.

PRODUCT FEATURES

ALIGNMENT

Threaded holes for alignment brackets



QUICK ACCESS

Twist lock provides swift access to data & power



MANGNETIC

Magnetic connectors along with auto-locks make vertical rigging a one-man job



MODULE LOCK

Module locks allow modules to be front serviceable



RELIABLE CONNECTIONS

Utilizing Neutrik Powercon and Ethercon locking connectors improve overall reliability with seamless connections between panels.



RIGGING CAPABILITIES

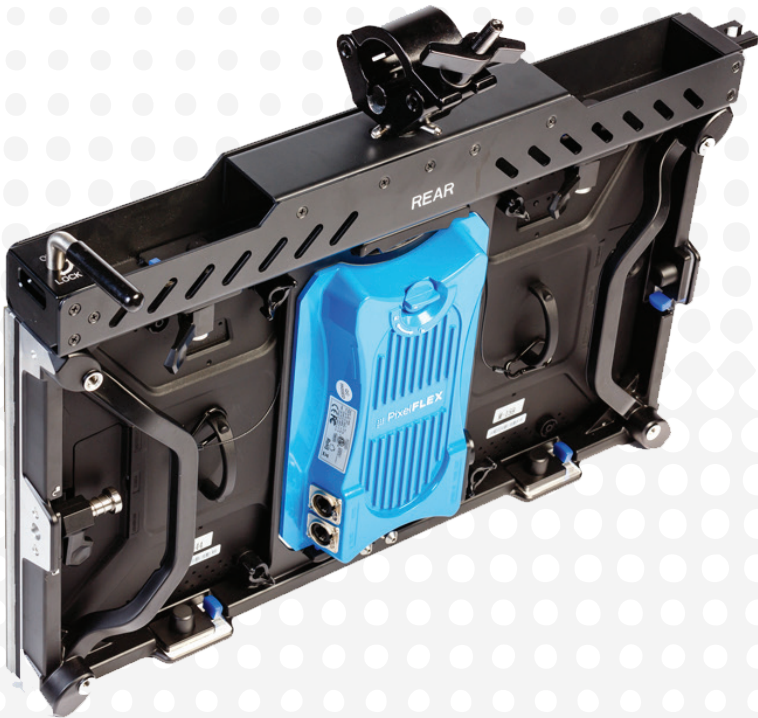
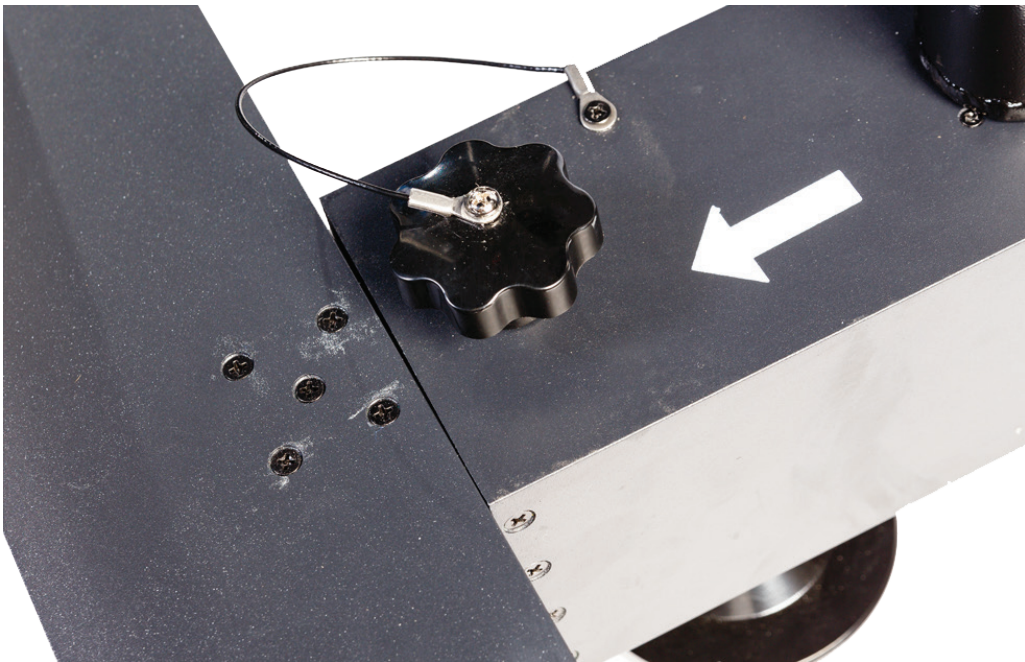
GROUND SUPPORT

All-in-one system provides support for single & double ground stack builds



QUICK SET FRAME

Quick set framing decreases build time which make your load-ins & outs faster allowing you to turn your focus to other matters



VERTICAL RIGGING

Magnetic connections & auto-locks makes vertical rigging a job that can be done by a single person



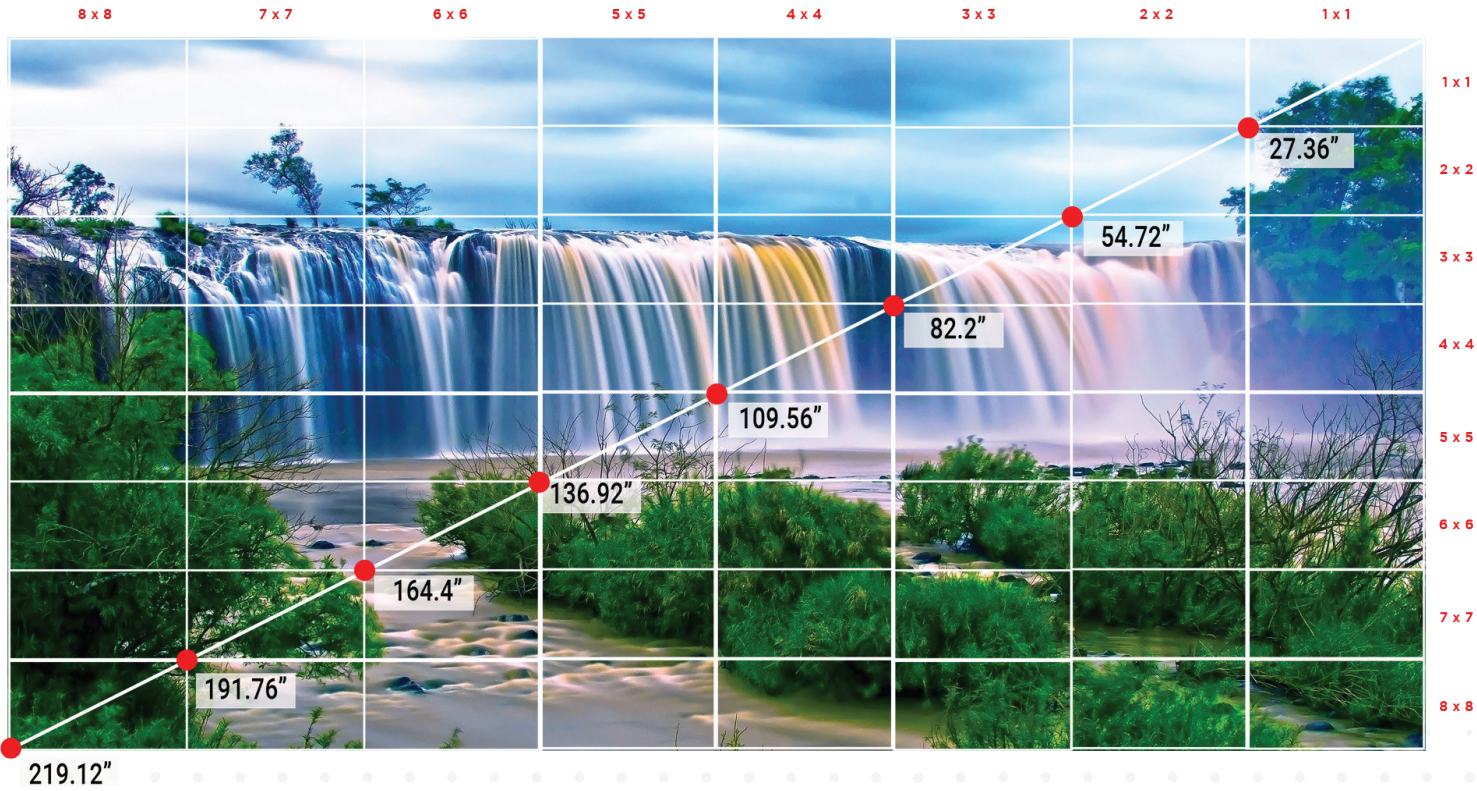
BUILT IN LEVELS

Built-in levels allow you to build with confidence limiting any need for additional adjustments

RATIO AND SIZING CHARTS

	5 x 5 9.95' x 5.60'	6 x 6 11.94' x 6.72'	7 x 7 13.93' x 7.84'	8 x 8 15.92' x 8.96'	9 x 9 17.91' x 10.08'	10 x 10 19.90' x 11.20'	11 x 11 21.89' x 12.32'	12 x 12 23.88' x 13.44'
1.5mm	1920 x 1080 px	2304 x 1296 px	2688 x 1512 px	3072 x 1728 px	3456 x 1944 px	3840 x 2160 px	4224 x 2376 px	4608 x 2592 px
1.9mm	1600 x 900 px	1920 x 1080 px	2240 x 1260 px	2560 x 1440 px	2880 x 1620 px	3200 x 1800 px	3520 x 1980 px	3840 x 2160 px
2.5mm	1200 x 675 px	1440 x 810 px	1680 x 945 px	1920 x 1080 px	2160 x 1215 px	2400 x 1350 px	2640 x 1485 px	2880 x 1620 px

Note: Full HD: 1920 x 1080 2K: 2560 x 1440 4K: 3840 x 2160



FULL HD
Resolution:
1.5mm – 1920 x 1080

Cabinet Configuration:
5 x 5 Cabinets



2K
Resolution:
1.5mm – 2688 x 1512

Cabinet Configuration:
7 x 7 Cabinets



4K
Resolution:
1.5mm – 3840 x 2160

Cabinet Configuration:
10 x 10 Cabinets





HIGH REFRESH RATE

FLEXUltra XT has a 3840Hz refresh rate which eliminates scan lines and flicker in your display on

HIGH GREY SCALE AT LOW BRIGHTNESS

FLEXUltra XT uses high quality LED drivers and drive IC to help with better color rendering at lower brightnesses



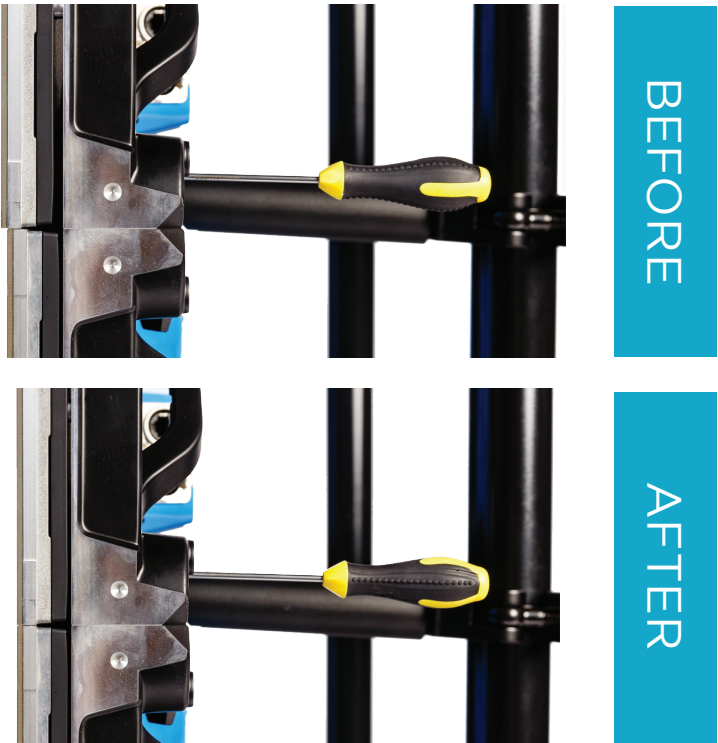
STANDARD LED PRODUCT

FLEXUltra XT

FINE ADJUSTMENTS & TECHNICAL SPECIFICATIONS

REMOVE SEAMS

Easily adjust on the Z axis to quickly remove any seams from your LED wall display



FLEXUltra XT • Technical Specifications			
Parameter			
Model	FX - 1.58 XT	FX - 1.9 XT	FX - 2.53 XT
Pixel Pitch	1.58mm	1.9mm	2.53mm
Pixel Density (PSM)	398,891	277,008	155,817
Cabinet Resolution	384 x 216	320 x 180	240 x 135
Cabinet Style	Die Cast - Full Front Serviceable		
LED Type	PixelShield™ 3 in 1 COB		3 in 1 SMD
Cabinet Size	608 x 342 x 80mm / 23.93 x 13.46 x 3.15 In		608 x 342 x 85mm / 23.93 x 13.46 x 3.35 In
Weight	8 kg / 17.64 lbs		7.2 kg / 15.87 lbs
Brightness	600 Nit		1000 Nit
Refresh Rate	3200Hz	3000Hz	3840Hz
Viewing Angle	160° Horizontal/Vertical		
Color Temperature	2,500K - 10,000K		
Source Compatibility	AV, S-Video, VGA, CVBS, HDMI, DVI		
Operating Temperature	-10°C-40°C/ 14°F-104°F 10%-85% RH		
Input Power Voltage	110/240V @ 50/60Hz		
Power Connection	Molded Connector		
Power Consumption Avg	215W/m² 45 W/Panel		
Power Consumption Max	650W/m² 135 W/Panel		
Processing	Novastar		
Data Connection	Cat 5/6e		
Lifetime	100000 hours		
Weather Rating	IP30		
Certifications	CE ETL FCC RoHS		

*All specifications are property of PixelFLEX LLC., and are subject to change without notice. Please verify specifications and information before final sale.