



TITANITE

INDOOR ULTRA HD LED DISPLAY





OVERVIEW

The TITANITE ranges from P0.9 to P1.9, which makes it one of the finest pixel pitches on the LED display market. It is extremely lightweight and is accessible from the front in order to be easy to integrate and maintain. This product is well suited for multiple applications that require a high-end LED display such as monitoring rooms, traffic control centers, or even private indoor cinemas.



APPLICATION
Indoor



BRIGHTNESS
≤ 800 NITS @ 5volts



INGRESS PROTECTION
IP30



WEIGHT
6.5 kg/cabinet



PIXEL PITCH
P0.9 P1.2 P1.5 P1.9



MATERIAL
Die-casting aluminum



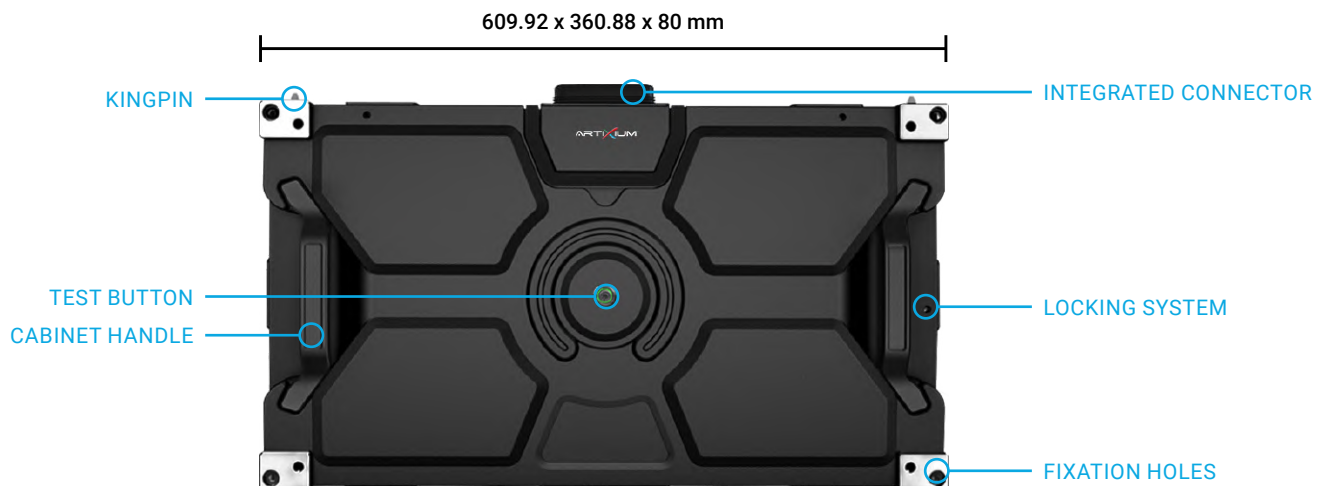
DISPLAY AREA (W x H)
609.92 x 343.8 mm



MAINTENANCE
Front maintenance



FEATURES





16:9 GOLDEN RATIO

The TITANITE is built to a perfect 16:9 golden ratio, which is the best way to achieve an HD or even UHD resolution. Depending on the number of cabinets and their layout, you can stream 2k, 4k, and 8k with ease, this potential being

maximized by the range of extremely fine pixel pitches offered by the TITANITE. Buying the TITANITE means investing in the highest display quality on the market.



FRONT MAINTENANCE



EASY CABINETS ASSEMBLY



INTEGRATED DATA & POWER CONNECTORS

EASY INTEGRATION

The TITANITE's features were meant to greatly facilitate its integration. It comes with user-friendly handles, integrated connectors, and kingpins that make the assembly of multiple cabinets an easy task. Furthermore, the 6.5kg cabinet weight means it can easily be manipulated and integrated by a single technician.



FRONT MAINTENANCE

The TITANITE's maintenance is easily operated by one technician from the front with a T-shaped handle. This makes this product ideal for wall applications that don't allow access from the back. Therefore, the TITANITE is well suited for interior garnishing as well as for other wall projects such as headquarters, trading floors, and many more.

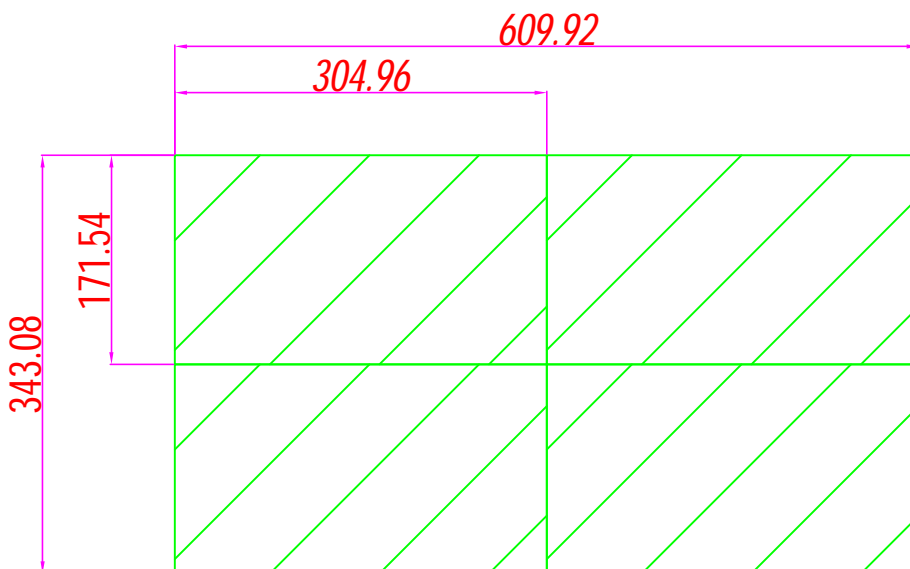
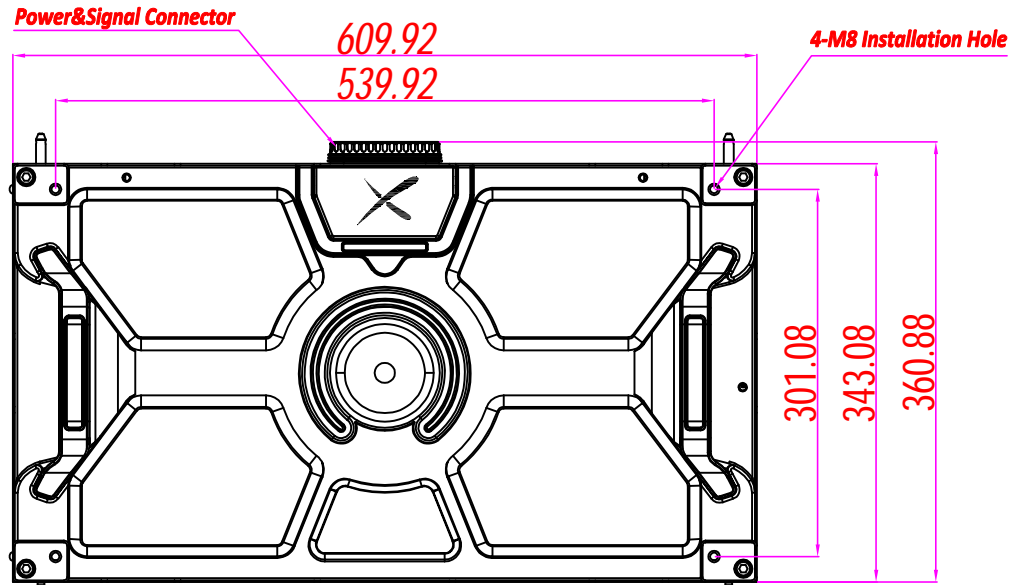
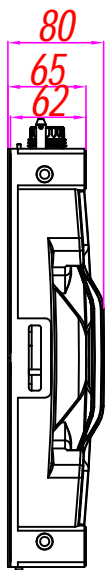
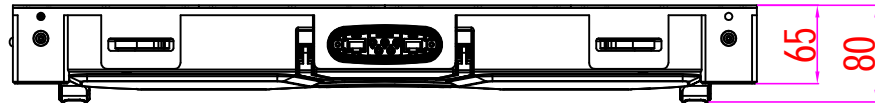


TECHNICAL SPECIFICATIONS

Product Parameters	Unit	INDOOR			
		0.9	1.2	1.5	1.9
Pixel Pitch	mm	0,95	1,27	1,59	1,91
LED		SMD0606 3in1 (Full Black Face)	SMD1010 3in1 (Full Black Face)	SMD1515 3in1 (Full Black Face)	
Application		Media UHD			
Ingress Protection	IP	IP30			
Brightness	cd/sqm	≤ 800 Nits @5volts			
Color Temperature after calib (adjustable)	deg. K	6500			
Viewing Angle (50% brightness)	deg.	160 H / 120 V			
Cabinet Size (WxHxD)	mm	609.92 x 343.08 x 80			
Display area (WxH)	mm	609.92 x 343.08			
Module Size (WxHxD)	mm	304.96 x 171.54 x 15			
Pixel Matrix Per Cabinet (WxH)	px	640 x 360	480 x 270	384 x 216	320 x 180
Pixel Matrix Per Module (WxH)	px	160 x 180	120 x 135	96 x 108	80 x 90
Pixel Density	px/sqm	1101068	619351	396385	275267
Weight of cabinet	kg	6.5			
Cabinet Material		Die-casting aluminum			
Maintenance Mode		Front			
Mask specification		No Mask, Truly Black PCBA			
Contrast Ratio		High			
Grey scale (linear)	bit	16			
Brightness control	bit	16			
Processing depth	bit	14			
Color		281 Trillions			
Display Refresh Rate	Hz	3840			
Operation Power	V	AC85-230V			
Max. Power Consumption	W/sqm	620	600	550	600
Average Power Consumption	W/sqm	260	250	220	250
Control Mode		Synchronization			
Video Frame Rate	Hz	50/60Hz			
Input Types Supported		DVI / SDI / HDMI			
3D ready (optional)		Yes			
Calibration		Yes			
Lifetime (50% brightness)	h	50000			
Operating Humidity Range		10-90%			
Operating Temperature Range		-20°C / +50°C			
Screen Uniformity Correction		-			
Certification		CE / ETL / CCC			
Available options		Nanocoating, hanging bars			
Compatibility		No			



TECHNICAL DRAWINGS





CONTACT

The Artixium regional branches are the key for the growth and development of our global network all over the world. Artixium's team is a spectrum of different nationalities and cultures, reflecting their global presence and mindset, mak-

ing their communication smooth and hassle-free with clients from all around the world. Customer care, Innovation and flexibility has always been our values and we intend to keep this reputation for many years to come.

ARTIXIUM FRANCHISES

"From your project's conception to its completion."



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Since its creation in 2012 by two european entrepreneurs, Artixium has been evolving and always looking for innovative ways to contribute to the digital transition of our world. It only took a few years for Artixium to become a key player in the LED display industry.

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