



QWARTZ ULTRA SLIM

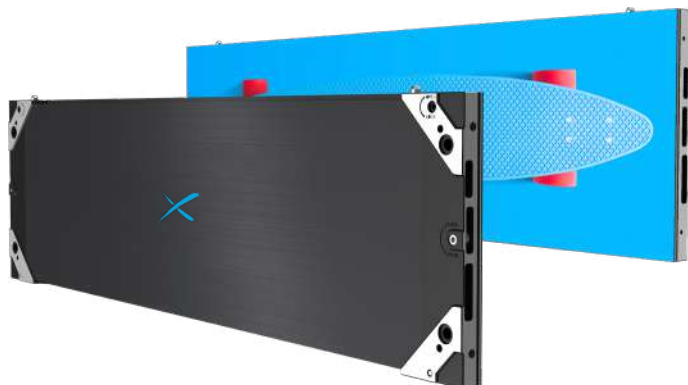
INDOOR LED CABINET - RETAIL





OVERVIEW

The QWARTZ ULTRA SLIM is our thinnest (28mm) and lightest (3.5kg) indoor LED cabinet. It is well suited for indoor wall LED applications and comes with a fine pixel pitch (P1.5 & P1.9), even allowing to attain the well renowned 8:9 or 16:9 ratios. This front access cabinet is a high-end product that is well suited for indoor advertisement, visual enhancement, monitoring rooms, control centers, etc.



APPLICATION
Indoor



BRIGHTNESS
≤ 1000 NITS @ 5volts



INGRESS PROTECTION
IP20



WEIGHT
3.5 - 4.5 - 5.7 kg/cabinet



PIXEL PITCH
P1.5 P1.9 P2.6 P3.9



MATERIAL
Die-casting aluminum



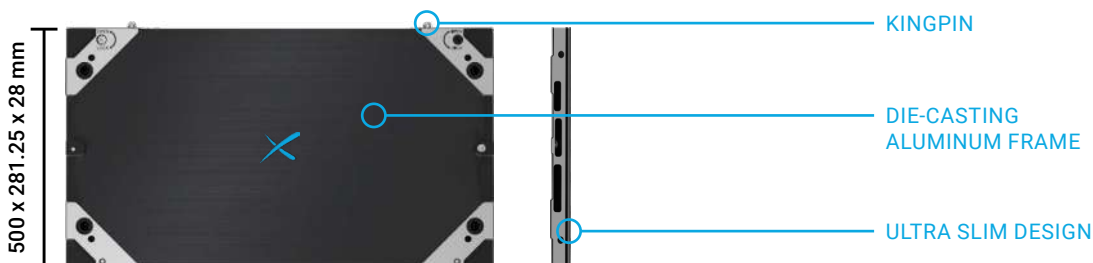
DISPLAY AREA (W x H)
500 x 281.25 mm
750 x 281.25 mm
1000 x 281.25 mm



MAINTENANCE
Front maintenance



FEATURES





INTEGRATION & MAINTENANCE

Considering the lightweight of the QWARTZ ULTRA SLIM, its integration can be done by one technician. It is best suited for wall applications, as it won't take much space, but it can very

well be hung from a ceiling or stacked on the floor. Its maintenance is operated from the front with a magnetic tool. It's a simple task that also can be operated by only one technician.



FRONT MAINTENANCE WITH
MAGNETIC TOOL



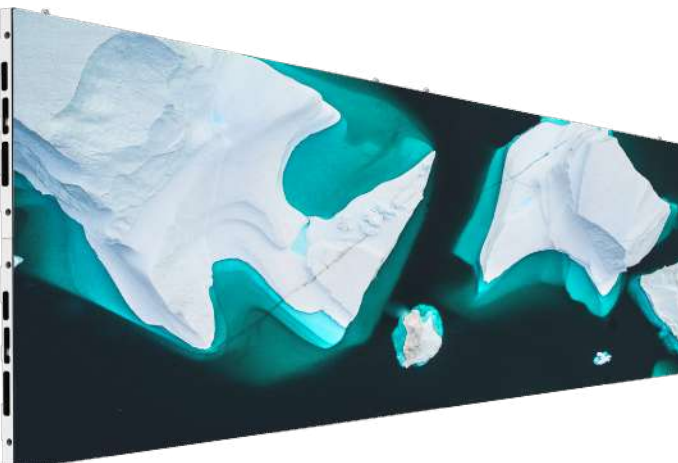
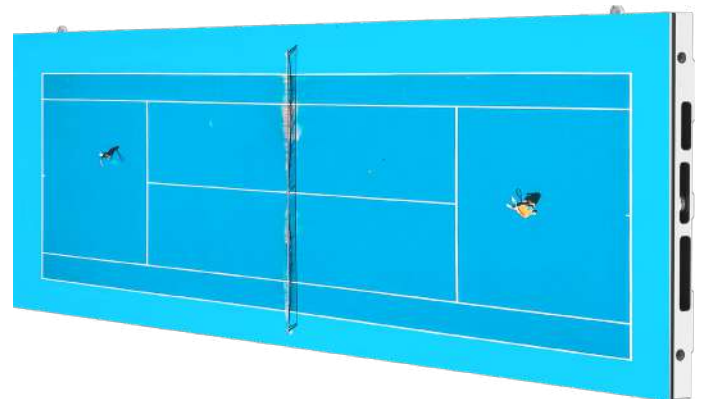
ULTRA SLIM DESIGN
& LIGHTWEIGHT



OPTIMIZED FOR
WALL APPLICATIONS

MINILED 4IN1

The P1.5 QWARTZ ULTRA SLIM is available with MINILED 4in1 technology. These are made of 4 encapsulated LEDs, making them more resistant, easier to repair individually, and offering a sharpest visual resolution.



8:9 & 16:9 RATIOS

Thanks to its size, the QWARTZ ULTRA SLIM can easily reach an 8:9 or a 16:9 ratio. Combined with the fine pixel pitch of the cabinets, this means your LED display can attain HD or UHD resolution, depending on the number of cabinets used and their layout.



TECHNICAL SPECIFICATIONS

		INDOOR			
Product Parameters	Unit	1.5	1.9	2.6	3.9
Pixel Pitch	mm	1,56	1,95	2,60	3,91
LED		MINILED 4in1	SMD1010	SMD1515 3in1 (Black Face)	SMD2121 3in1 (Black Face)
Application		Retail			
Ingress Protection	IP	IP20			
Brightness	cd/sqm	≤ 600 Nits @5volts	≤ 800 Nits @5volts	≤ 1000 Nits @5volts	
Color Temperature after calib (adjustable)	deg. K	6500			
Viewing Angle (50% brightness)	deg.	160(+/-80) H / 140 V			
Cabinet Size (WxHxD)	mm	500 x 281.25 x 28	500 x 281.25 x 28 / 750 x 281.25 x 28	500 x 281.25 x 28 / 750 x 281.25 x 28 / 1000 x 281.5 x 28	
Display area (WxH)	mm	500 x 281.215	500 x 281.215 / 750 x 281.25	500 x 281.215 / 750 x 281.25 / 1000 x 281.25	
Module Size (WxHxD)	mm	250 x 281.25	250 x 281.25	250 x 281.25	250 x 281.25
Pixel Matrix Per Cabinet (WxH)	px	320 x 180	256 x 144 / 384 x 144	192 x 108 / 288 x 108 / 384 x 108	128 x 72 / 192 x 72 / 256 x 72
Pixel Matrix Per Module (WxH)	px	160 x 180	128 x 144	96 x 108	64 x 72
Pixel Density	px/sqm	409600	262144	147456	65536
Weight of cabinet	kg	3.5	3.5 / 4.5	3.5 / 4.5 / 5.7	
Cabinet Material		Die-casting aluminum			
Maintenance Mode		Front			
Mask specification		No mask			
Contrast Ratio		High			
Grey scale (linear)	bit	16			
Brightness control	bit	16			
Processing depth	bit	16			
Color		281 Trillions			
Display Refresh Rate	Hz	3840			
Operation Power	V	AC110-220V / AC200-240V			
Max. Power Consumption	W/sqm	570	500	400	420
Average Power Consumption	W/sqm	220	200	160	170
Control Mode		Synchronization			
Video Frame Rate	Hz	50/60Hz			
Input Types Supported		DVI / SDI / HDMI / S-video / VGA			
3D ready (optional)		Yes			
Calibration		Yes			
Lifetime (50% brightness)	h	50000			
Operating Humidity Range		10-95%			
Operating Temperature Range		-20°C / +40°C			
Screen Uniformity Correction		-			
Certification		CE / ETL / CCC / FCC / EMC			
Available options		GME (Global Module Encapsulation), nanocoating			
Compatibility		All cabinets size are compatible with each other			

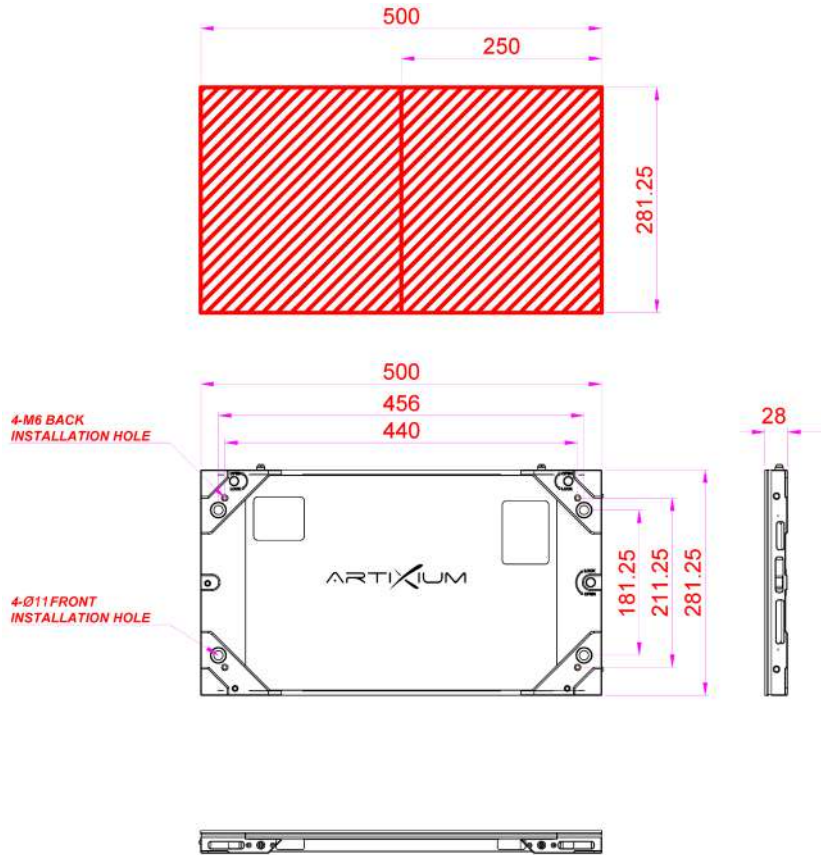


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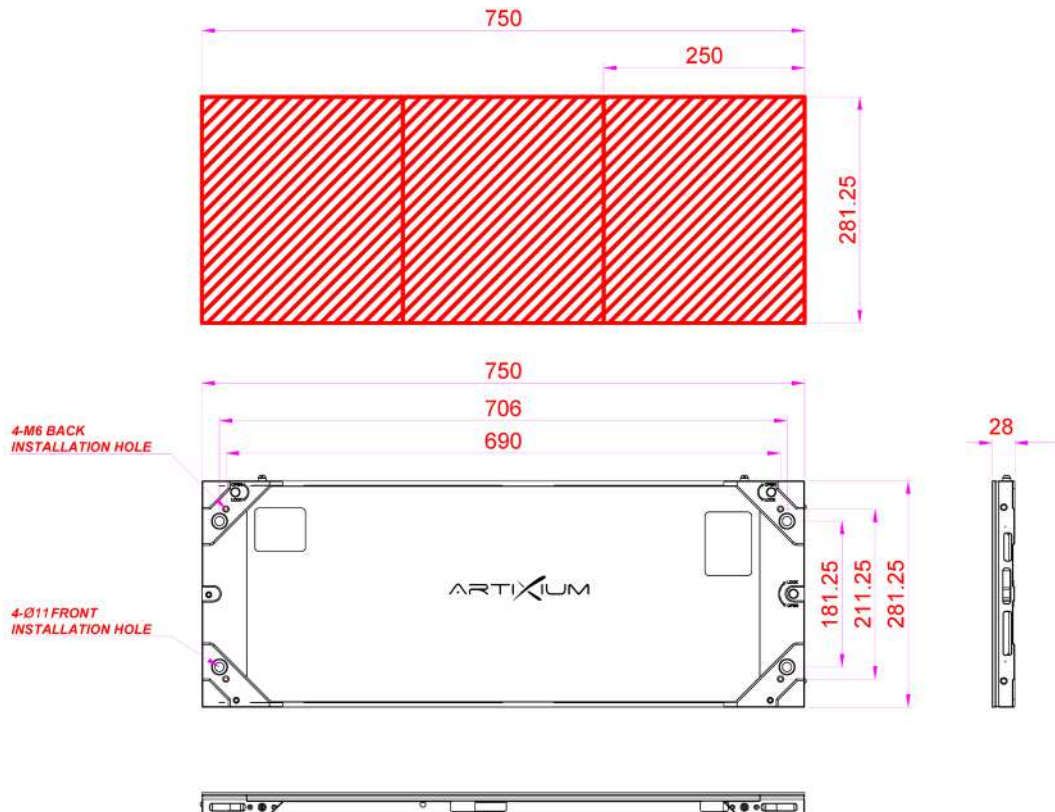


TECHNICAL DRAWINGS

500 X 281.25 X 28 MM



750 X 281.25 X 28 MM



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

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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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