QWARTZ
ULTRA SLIM 2.0

RETAIL INDOOR LED DISPLAY

OVERVIEW

The QWARTZ ULTRA SLIM 2.0 is the newest addition to our QWARTZ series. It's a lightweight and thin LED cabinet, that comes in a native 16:9 ratio, with a fine pixel pitch ranging from P1.5 to P3.9. With its magnetic modules serviceable from the front, it's the ideal indoor LED display for any project that requires a qualitative and easy to maintain LED application. The QWARTZ ULTRA SLIM 2.0 comes in three different sizes to accomodate even the least common LED display projects.

APPLICATION
Indoor

INGRESS PROTECTION
IP20

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

DISPLAY AREA (W x H)
1000 x 562.5 mm
500 x 562.5 mm
250 x 562.5 mm

HIGH BRIGHTNESS
≤ 1000 NITS (LED TYPE SMD)

WEIGHT
11.7 / 5.6 / 3.2 kg/cabinet
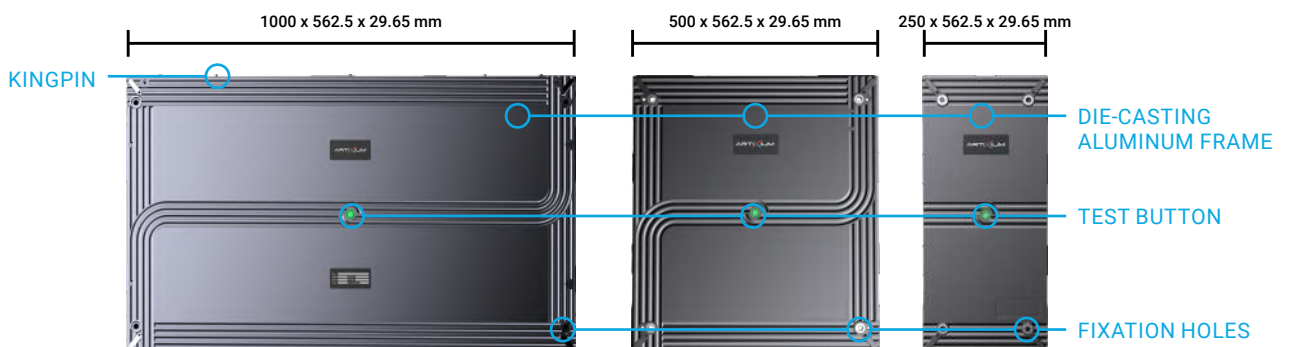
MATERIAL
Die-casting aluminum

MAINTENANCE
Front maintenance

FEATURES

The QWARTZ ULTRA SLIM 2.0 comes in three sizes to maximize its compatibility with any giant indoor LED display project. To emphasize this adptability, we made sure this product was compatible with its predecessor, the QWARTZ ULTRA SLIM.

1000 x 562.5 x 29.65 mm

500 x 562.5 x 29.65 mm

250 x 562.5 x 29.65 mm

KINGPIN

DIE-CASTING ALUMINUM FRAME

TEST BUTTON

FIXATION HOLES

INTEGRATION & MAINTENANCE

Considering the lightweight of the QWARTZ ULTRA SLIM 2.0, 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

90° OPTION

COMPATIBLE WITH THE QWARTZ ULTRA SLIM

FINE PIXEL PITCH & 16:9

Ranging from P1.5 to P3.9, the QWARTZ ULTRA SLIM 2.0's pixel pitch is optimized to display high-quality content in any indoor environment. Paired with its native 16:9 ratio, this fine pitch allows you to broadcast videos from full HD to 8k, depending on the number of cabinets integrated in your LED application.

CUSTOM APPLICATION

With its 90° option and three different sizes, the QWARTZ ULTRA SLIM 2.0 is designed to maximize its adaptability to all kinds of indoor LED application projects. It's the perfect product for tailored giant LED screens, whether for practical or aesthetic purposes (monitoring room, informative screens, promotional broadcasting, visual room enhancement, etc.).

QWARTZ ULTRA SLIM 2.0

LIGHTWEIGHT 16:9 LED DISPLAY
FRONT MAINTENANCE

TECHNICAL SPECIFICATIONS

| Product Parameters	Unit	INDOOR 1.5	1.9	2.6	3.9
Pixel Pitch	mm	1,56	1,95	2,60	3,91
LED		SMD1010	SMD1212 / SMD1515	SMD2121	
Application		Indoor modulable LED display			
Ingress Protection	IP	IP20			
Brightness	cd/sqm	≤ 600 Nits @5volts	≤ 1000 Nits @5volts		
Color Temperature after calib (adjustable)	deg. K	6500			
Viewing Angle (50% brightness)	deg.	160H / 140V			
Cabinet Size (WxHxD)	mm	1000 x 562.5 x 29.65 / 500 x 562.5 x 29.65 / 250 x 562.5 x 29.65			
Display area (WxH)	mm	1000 x 562.5 / 500 x 562.5 / 250 x 562.5			
Module Size (WxHxD)	mm	250 x 281.25 x 3			
Pixel Matrix Per Cabinet (WxH)	px	640 x 360 / 320 x 360 / 160 x 360	512 x 288 / 256 x 288 / 128 x 288	384 x 216 / 192 x 216 / 96 x 216	256 x 144 / 128 x 144 / 64 x 144
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	11.7 / 5.6 / 3.2			
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	500	400	410	420
Average Power Consumption	W/sqm	200	160	170	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		10-90%			
Operating Temperature Range		-20°C / +40°C			
Screen Uniformity Correction		-			
Certification		CE / ETL / FCC / EMC			
Available options		90°, GME			
Compatibility		All the different sizes are compatible with each other			

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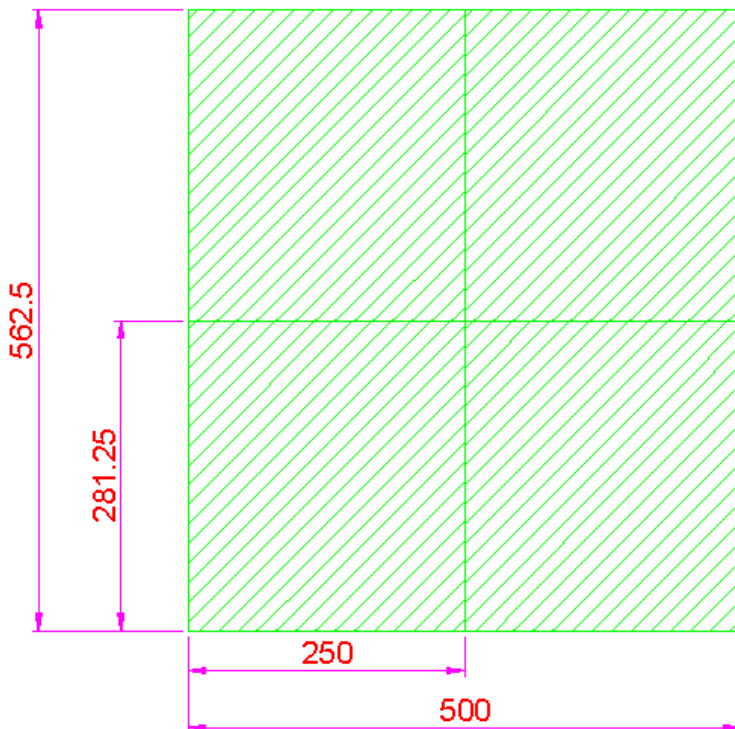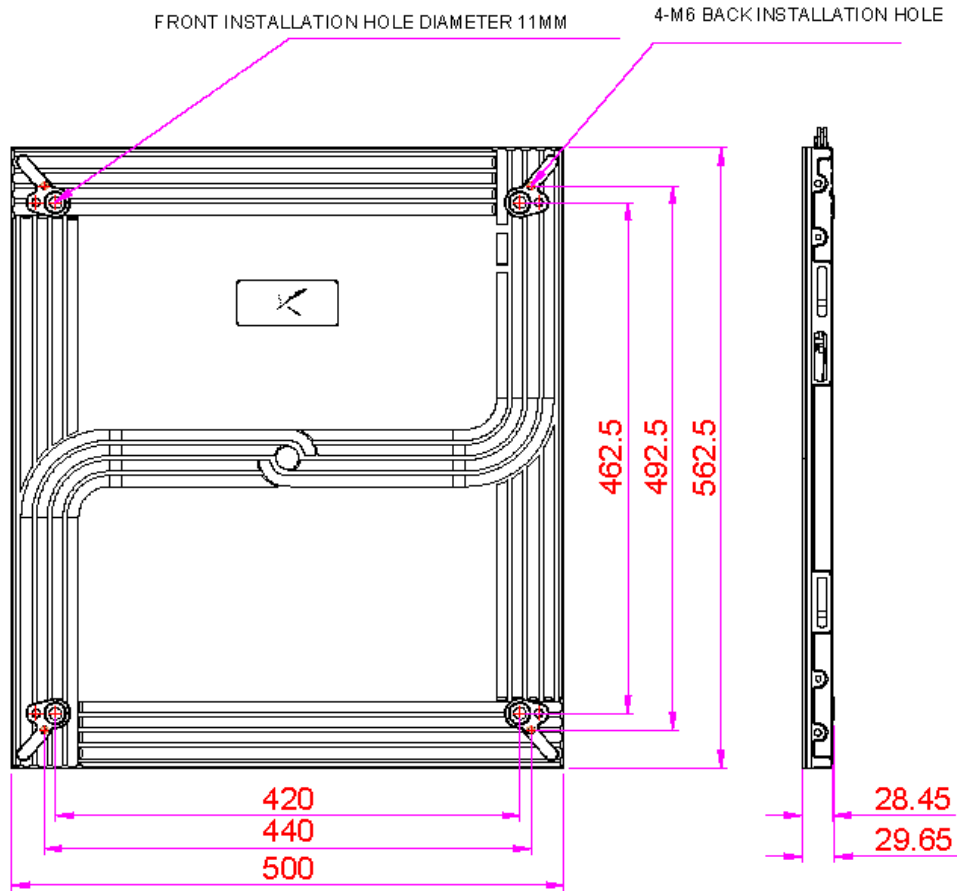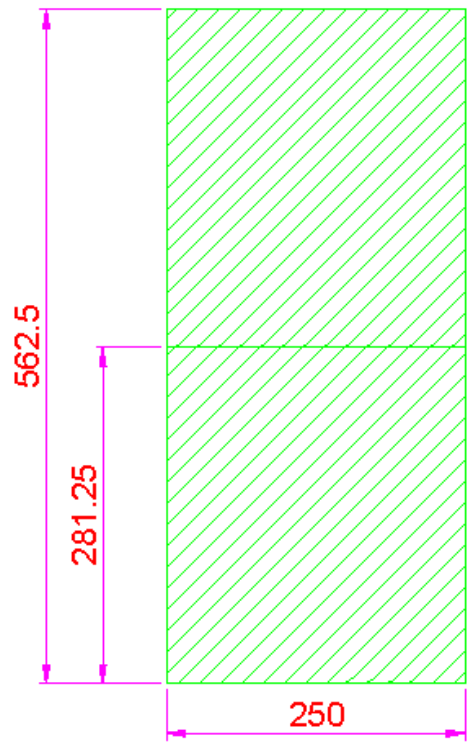
1000 X 562.5 X 29.65 MM
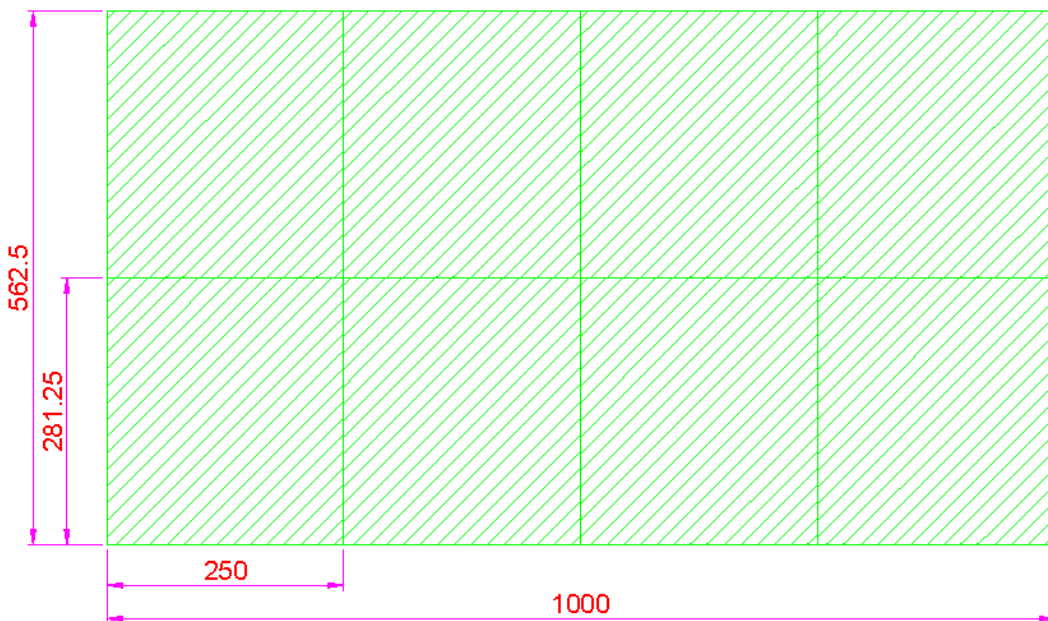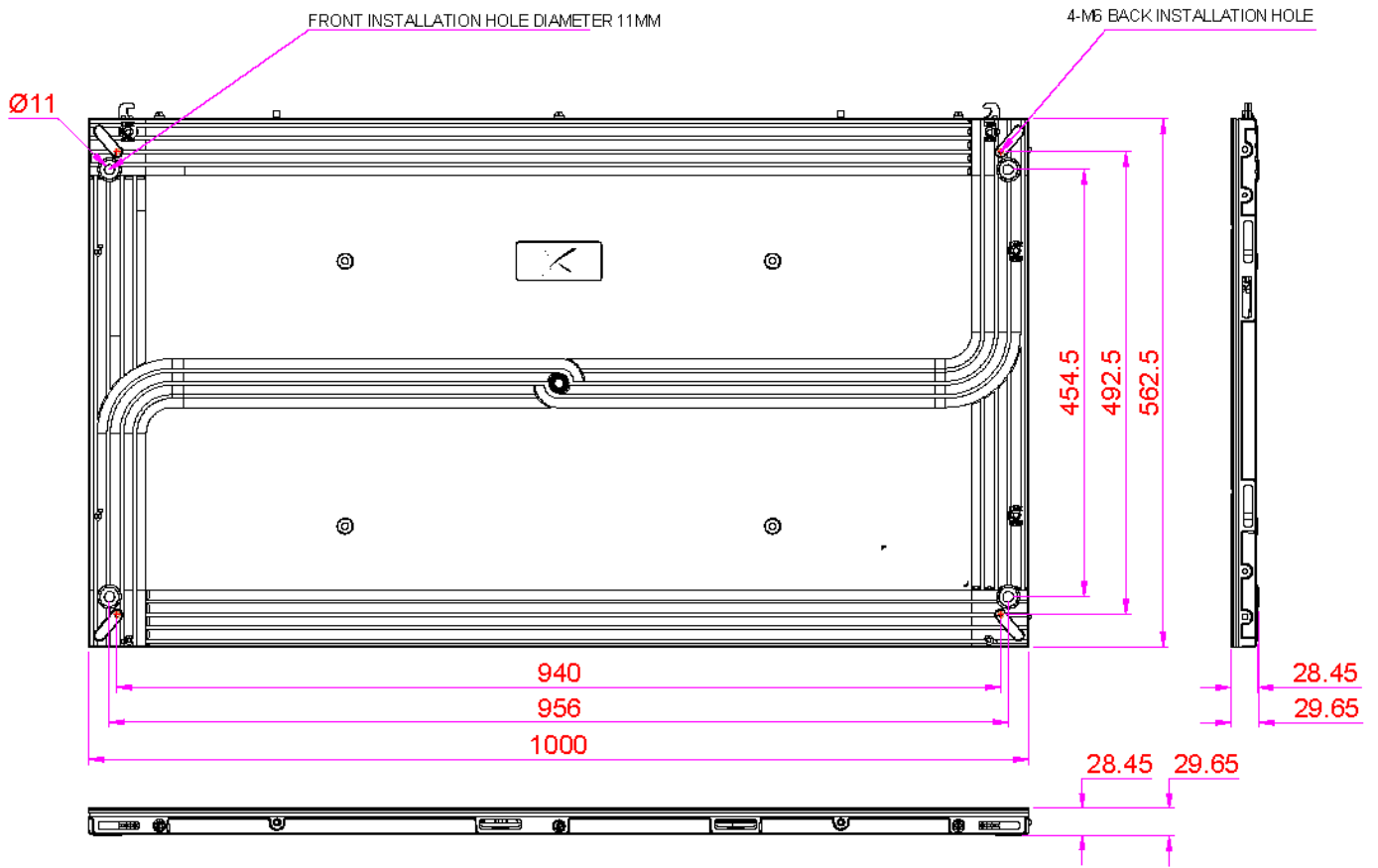
FRONT INSTALLATION HOLE DIAMETER 11MM

4-M6 BACK INSTALLATION HOLE

Ø11

454.5
492.5
562.5

28.45
29.65

940
956
1000

28.45   29.65

562.5

281.25

250

1000

500 X 562.5 X 29.65 MM

FRONT INSTALLATION HOLE DIAMETER 11MM

4-M6 BACK INSTALLATION HOLE

462.5

492.5

562.5

28.45

29.65

420

440

500

562.5

281.25

250

500

250 X 562.5 X 29.65 MM

FRONT INSTALLATION HOLE DIAMETER 11MM

4-M6 BACK INSTALLATION HOLE

462.5
492.5
562.5

170
180
250

28.45
29.65

562.5
281.25
250
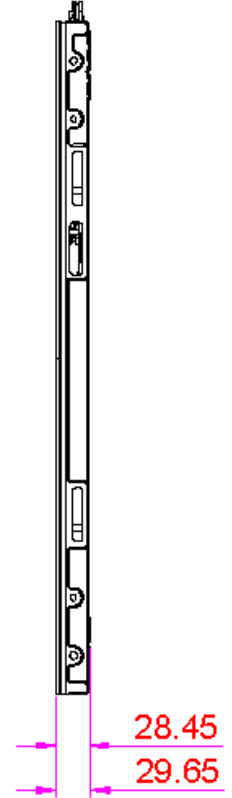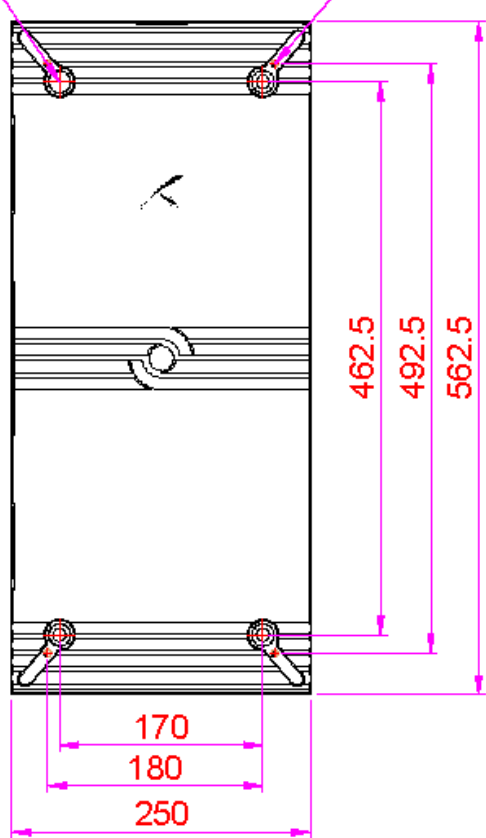
✕ CONTACT

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, making 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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ARTIXIUM®

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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