



DIASPORE

GIANT INTERACTIVE LED DISPLAY





OVERVIEW

The DIASPORE is a very special product, it was specially designed for indoor and outdoor led interactive applications. This cabinet allows for unlimited creative interactive ideas to come to life. With a weight of only 24 kg per cabinet, It can be installed as an interactive floor or wall led display.



APPLICATION
Indoor / Outdoor



INGRESS PROTECTION
IP65



PIXEL PITCH
P2.9 (indoor)
P3.9 P4.8 (outdoor)
P5.2 P6.5 (outdoor)



DISPLAY AREA (W x H)
500 x 1000 mm



BRIGHTNESS
≤ 1000 NITS (indoor)
≤ 3000 NITS (outdoor)



WEIGHT
24 kg/cabinet



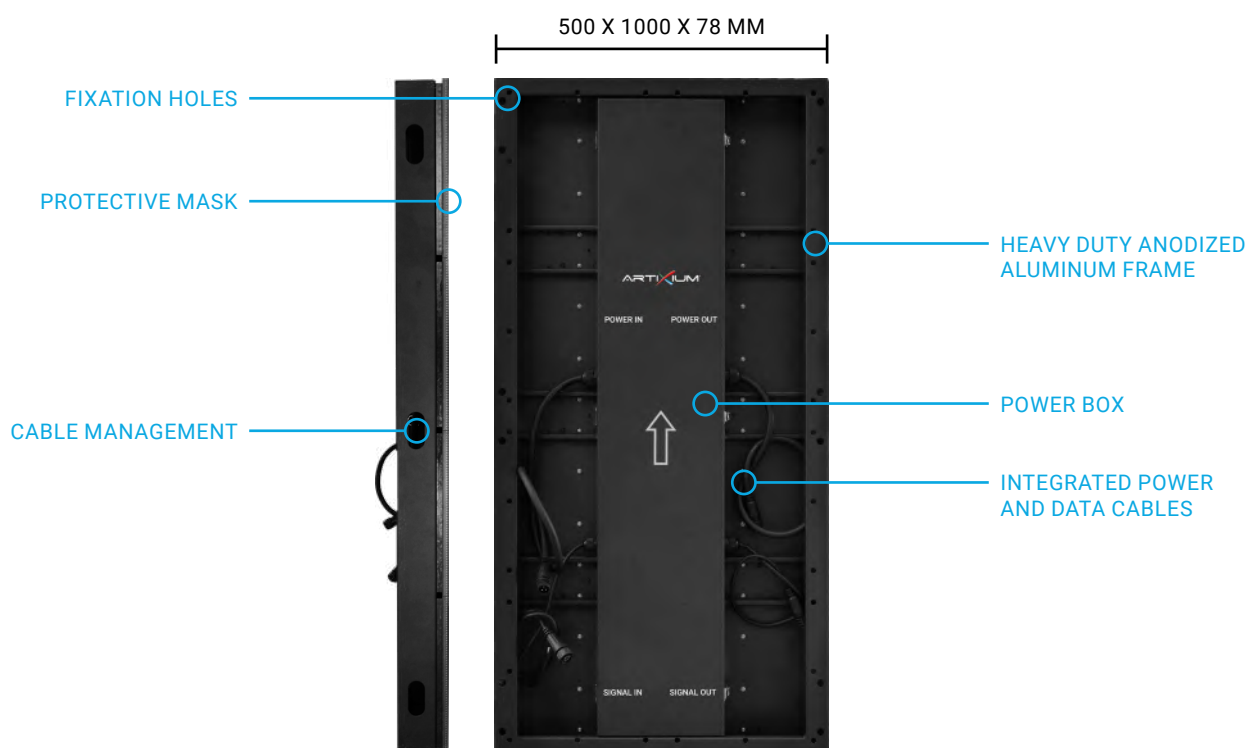
MATÉRIAU
Anodized aluminium



MAINTENANCE
Back maintenance



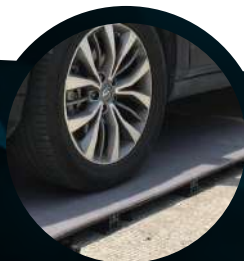
FEATURES



FLOOR OPTION

The DIASPORE floor option enables unlimited ideas to come to life. The supporting feet of the DIASPORE can be adjusted from 130 to 170mm and adapt

to a variety of conditions. This particular product is extremely strong and robust, the maximum loading weight is up to 2T/sqm.



2 T/sqm
BEARING CAPACITY



INTEGRATED
DATA & POWER CABLES



SHOCKPROOF



SHOCKPROOF

The module mask is made of imported PC material with high transparency and wear resistance, and processed by a special technology. This doesn't make any difference in the colors or viewing angle as it is not a reflective material. Skid-resistant, wear-resistant, and UV resistant. Anti-blunt and anti-scratch masks are specifically designed for this cabinet to last longer.

SMART INTERACTIVE LED DISPLAY

A built-in sensing system was developed to increase the fun of inductive interaction based on floor applications and the countless interaction possibilities of the DIASPORE. The sensor chips can sense the position of a person standing on the display, this information is directly sent to the main controller which then judges the corresponding cabinets and modules. This allows an immediate visual and/or audio feedback. All creative ideas and imagination are possible. The DIASPORE can be used as a floor interactive display as well as an interactive LED wall.





TECHNICAL SPECIFICATIONS

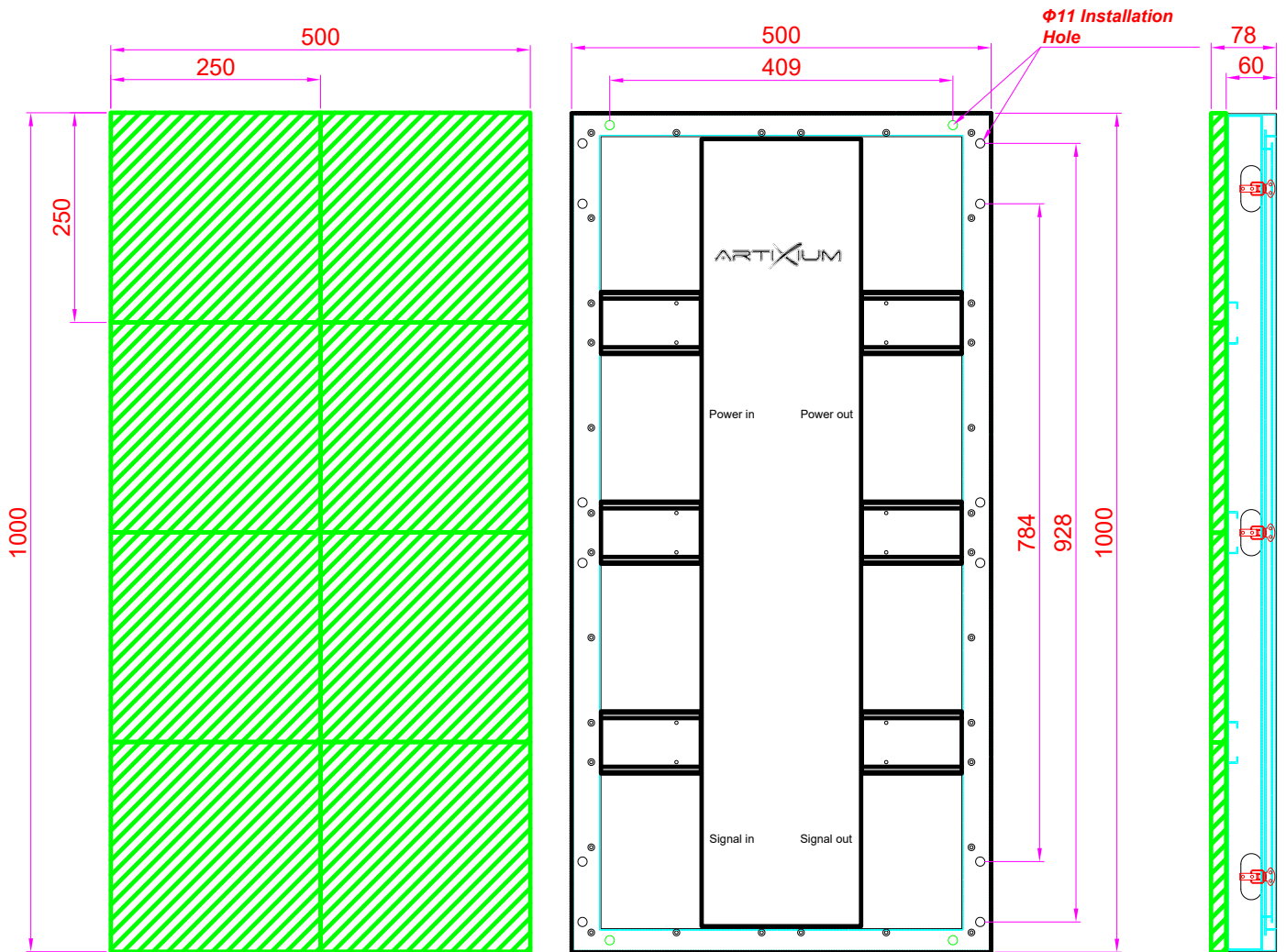
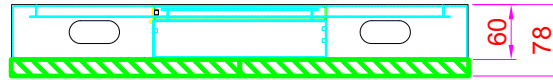
Product Parameters	Unit	INDOOR		OUTDOOR		
		2,9	3,9	4,8	5,2	6,2
Pixel Pitch	mm	2,98	3,91	4,81	5,21	6,25
LED		SMD1415		SMD1921		
Application		Indoor and Outdoor interactive LEDdisplay				
Ingress Protection	IP	IP65				
Brightness	cd/sqm	≤ 1000 Nits @5volts		≤ 3000 Nits @5volts		
Color Temperature after calib (adjustable)	deg. K	6500				
Viewing Angle (50% brightness)	deg.	120°(+/-120) H				
Cabinet Size (WxHxD)	mm	500 x 1000 x 78				
Display area (WxH)	mm	500 x 1000				
Module Size (WxHxD)	mm	250 x 250				
Pixel Matrix Per Cabinet (WxH)	px	168 x 336	128 x 256	104 x 208	96 x 192	80 x 160
Pixel Matrix Per Module (WxH)	px	84 x 84	64 x 64	52 x 52	48 x 48	40 x 40
Pixel Density	px/sqm	112896	65536	43264	36864	25600
Weight of cabinet	kg	24				
Cabinet Material		Anodized aluminum				
Maintenance Mode		Back maintenance				
Mask specification		95% Plastic + 5% Fiber / SS Screws / No Shaders				
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	AC85-230V				
Max. Power Consumption	W/sqm	600				
Average Power Consumption	W/sqm	240				
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		10-95%				
Operating Temperature Range		- 20°C / + 60°C				
Screen Uniformity Correction						
Certification		EMC CLASS B / CE / ETL / CCC				
Available options		Floor installation				
Compatibility		-				



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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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