



# GRENAT

WALL OUTDOOR LED APPLICATION





## OVERVIEW

The GRENAT is a very reliable product when it comes to outdoor LED displays. With an IP65 and a P2.6 pixel pitch, it is an excellent combination of display quality and robustness. Available in three sizes, the GRENAT cabinets can be assembled together to fit your requirements. This product is wall mounted, and suits perfectly any outdoor advertising installation, as well as a visual enhancement to any desired structure.



APPLICATION  
**Outdoor**



INGRESS PROTECTION  
**IP65**



PIXEL PITCH  
**P2.6**



DISPLAY AREA (L x H)  
**500 x 1000 mm**  
**500 x 750 mm**  
**750 x 750 mm**



BRIGHTNESS  
**≤ 5500 NITS (LED TYPE SMD)**



WEIGHT  
**19.6 - 14.6 - 21 kg/cabinet**



MATERIAL  
**Profiled aluminum**



MAINTENANCE  
**Front & back maintenance**



## FEATURES

500 x 1000 x 117 mm

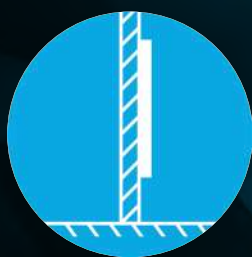




## SMART MAINTENANCE

The modules of the the GRENAT are magnetically attached to the cabinet and can be removed with a magnetic tool. The plugs however are secured with screws in order to prevent the mo-

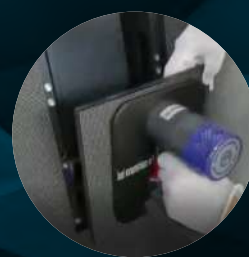
dules from falling in case of an incident. These features make for a good compromise between a quick maintenance and a safe application.



WALL INTEGRATION  
FOR A STURDY  
& DURABLE DISPLAY



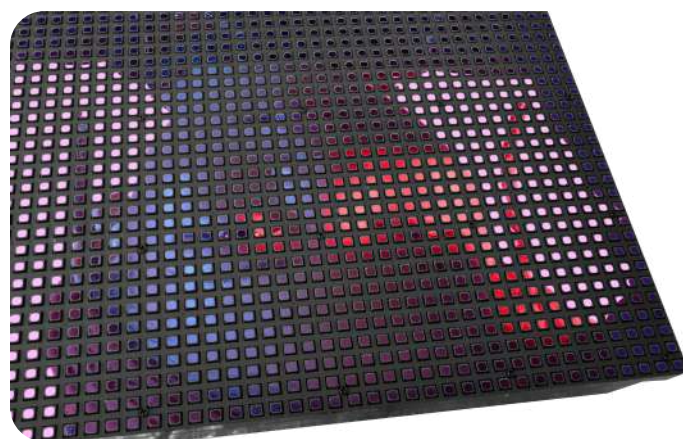
HIGH BRIGHTNESS FIT  
FOR OUTDOOR DISPLAY



FRONT OR BACK  
ACCESS FOR MAINTENANCE

## FINE OUTDOOR PIXEL PITCH

The GRENAT has one of the finest pixel pitches on the outdoor LED display market. This makes this product one of the highest outdoor resolution display, allowing for a stunning visual experience. Moreover, its high brightness will make this high quality display visible from afar, no matter the weather.



## DURABLE APPLICATION

The IP65 means that the GRENAT is totally protected from dust and can even withstand a low-pressure water jet. This product, once integrated, will stay true to its original condition. The GRENAT is an investment in the long run that will allow you to display your visual content with the same quality for many years.





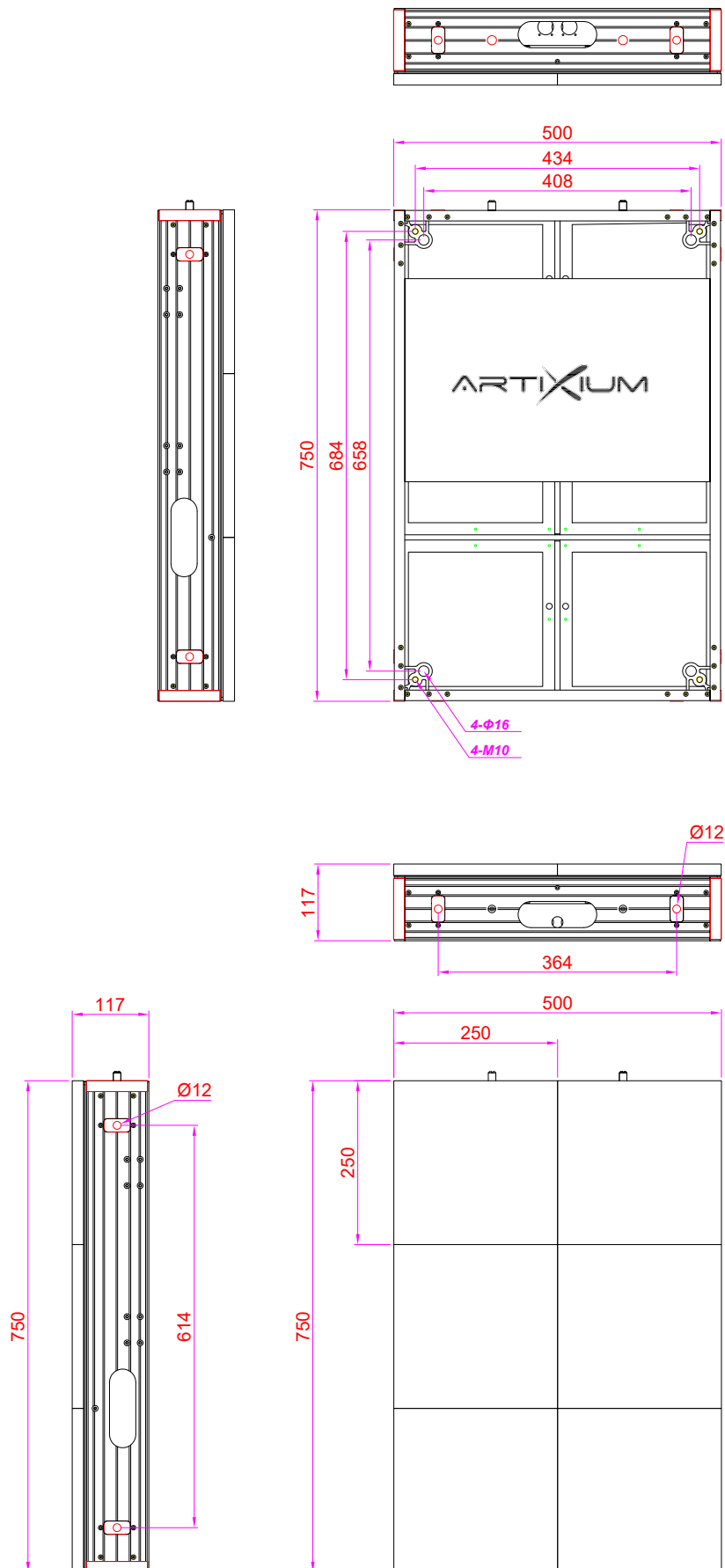
## TECHNICAL SPECIFICATIONS

		OUTDOOR
Product Parameters	Unit	2.6
Pixel Pitch	mm	2,60
LED		SMD1415
Application		Wall LED outdoor application
Ingress Protection	IP	IP65
Brightness	cd/sqm	≤ 5500 Nits @5volts
Color Temperature after calib (adjustable)	deg. K	3500-9300 Ajustable
Viewing Angle (50% brightness)	deg.	140H / 120V
Cabinet Size (WxHxD)	mm	500 x 1000 x 117 / 500 x 750 x 117 / 750 x 750 x 117
Display area (WxH)	mm	500 x 1000 / 500 x 750 / 750 x 750
Module Size (WxHxD)	mm	250 x 250 x 20.5
Pixel Matrix Per Cabinet (WxH)	px	192 x 384 / 192 x 288 / 288 x 288
Pixel Matrix Per Module (WxH)	px	96 x 96
Pixel Density	px/sqm	147456
Weight of cabinet	kg	19,5 / 14,6 / 21
Cabinet Material		Profiled aluminum
Maintenance Mode		Back & Front
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	AC100-240V
Max. Power Consumption	W/sqm	850
Average Power Consumption	W/sqm	285
Control Mode		Synchronization
Video Frame Rate	Hz	50/60Hz
Input Types Supported		DVI / SDI / HDMI
3D ready (optional)		-
Calibration		Yes
Lifetime (50% brightness)	h	50000
Operating Humidity Range		10-95%
Operating Temperature Range		- 20°C / + 60°C
Screen Uniformity Correction		-
Certification		FCC / CE / ETL / CCC / CB
Available options		-
Compatibility		Yes



# TECHNICAL DRAWINGS

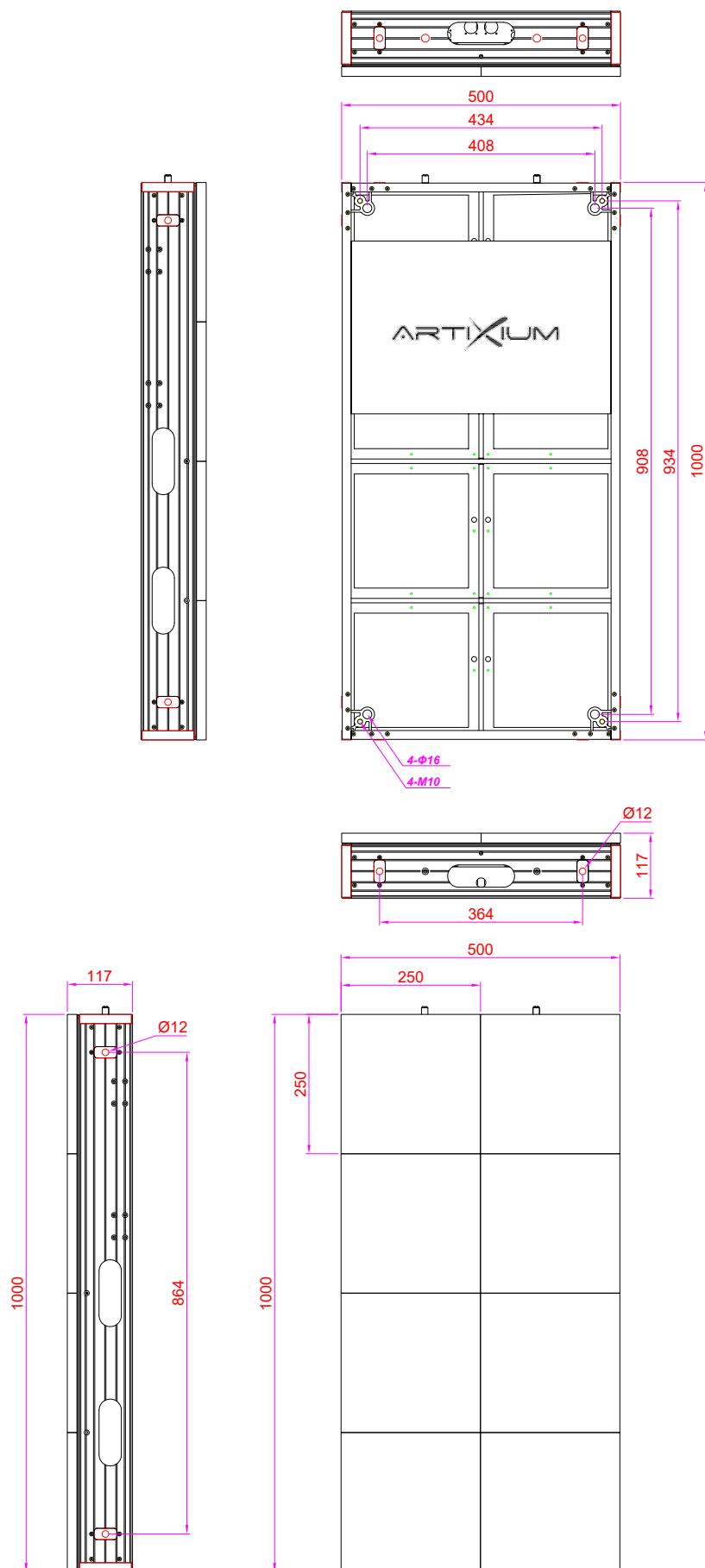
500 X 750 X 117 MM





# TECHNICAL DRAWINGS

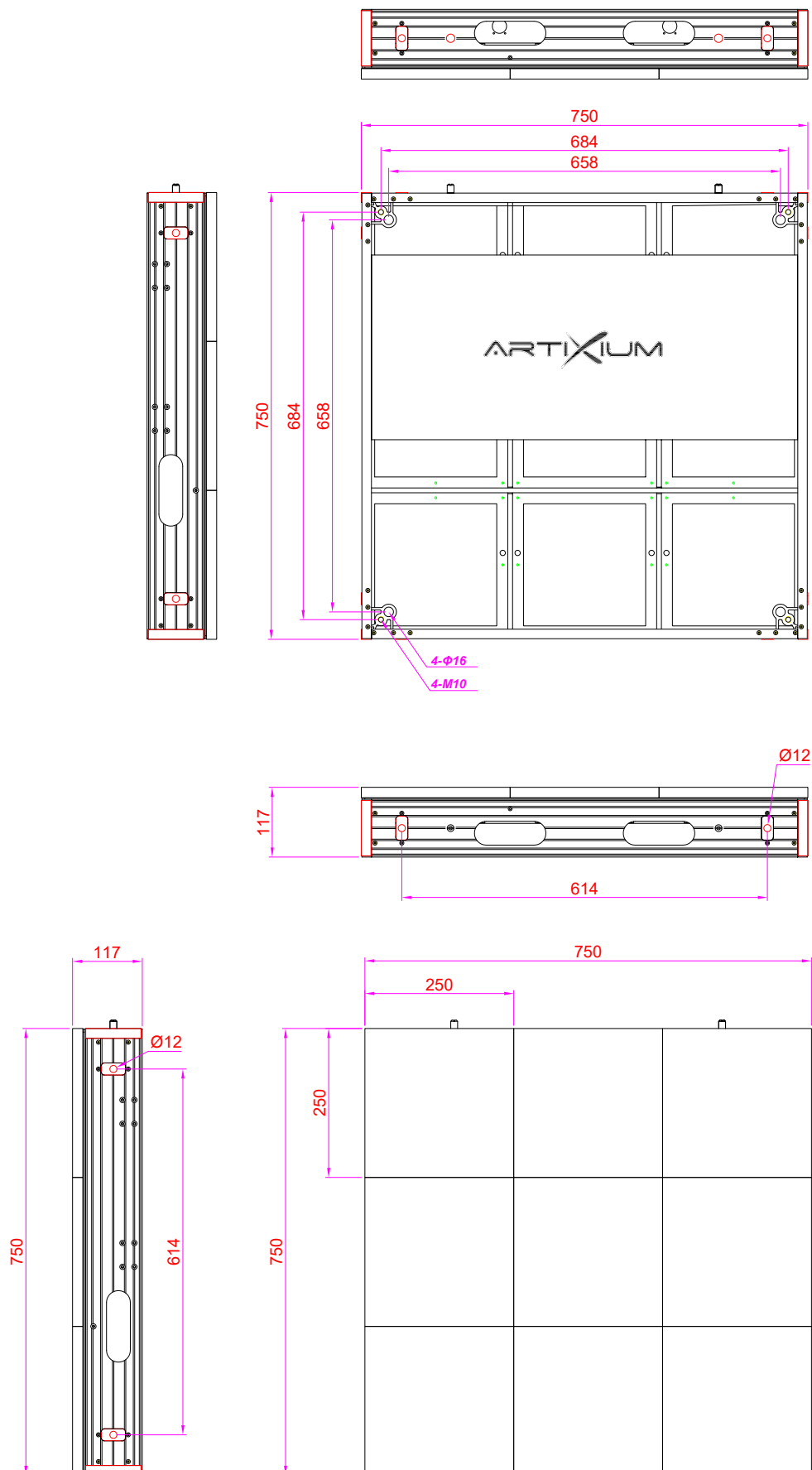
500 X 1000 X 117 MM





# TECHNICAL DRAWINGS

750 X 750 X 117 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

*"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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[www.artixium.com](http://www.artixium.com)