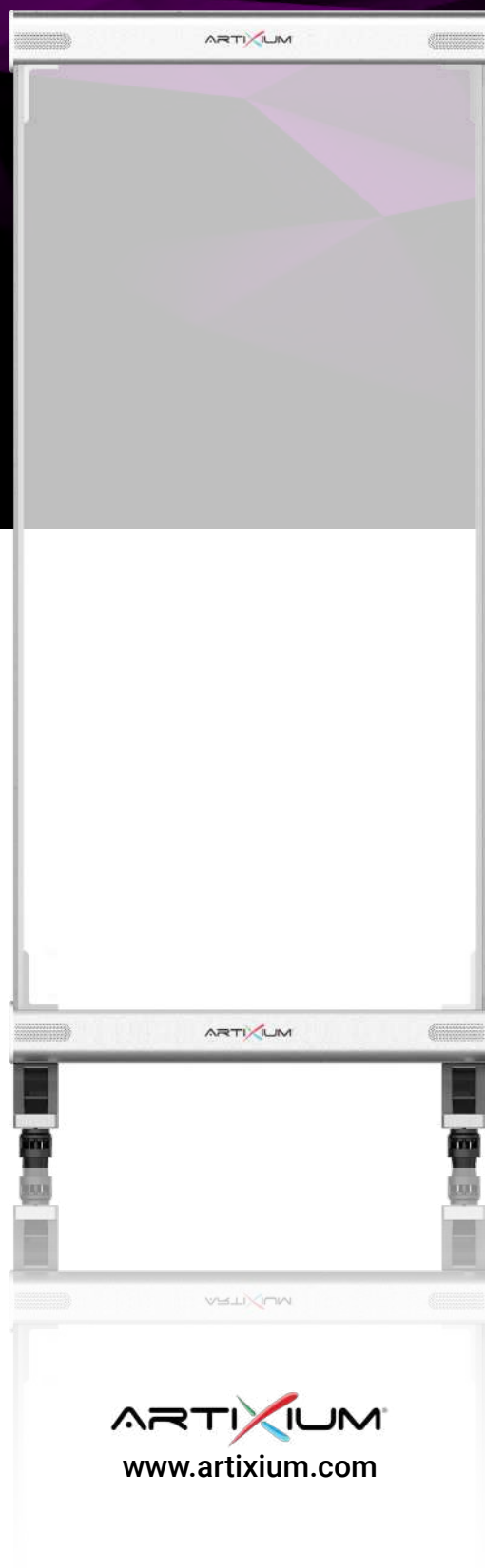


ONYX TR 2.0

LED TRANSPARENT POSTER - HOLOGRAPHIC RENDER





OVERVIEW

The ONYX TR 2.0 offers CALCITE 2.0 technology integrated into an all-in-one solution. A highly transparent LED mesh with a P3.9 pitch is embedded between two tempered glass plates, all enclosed by a lightweight, aesthetically pleasing, and durable aeronautic-grade aluminum frame. Thanks to the latest driver encapsulation technology, the visual effect of this product is closer to a hologram than traditional display. Completed with a wheeled stand system and a suspension system, the ONYX TR 2.0 is an elegant and user-friendly solution, ideal for trade shows, commercial signage, as well as offices, airports, etc.



APPLICATION
Indoor



INGRESS PROTECTION
IP20



PIXEL PITCH
P3.9



DISPLAY AREA (W × H)
1000 x 2000 mm
2000 x 2000 mm



BRIGHTNESS
≤ 4000 NITS



WEIGHT
40 - 60 kg



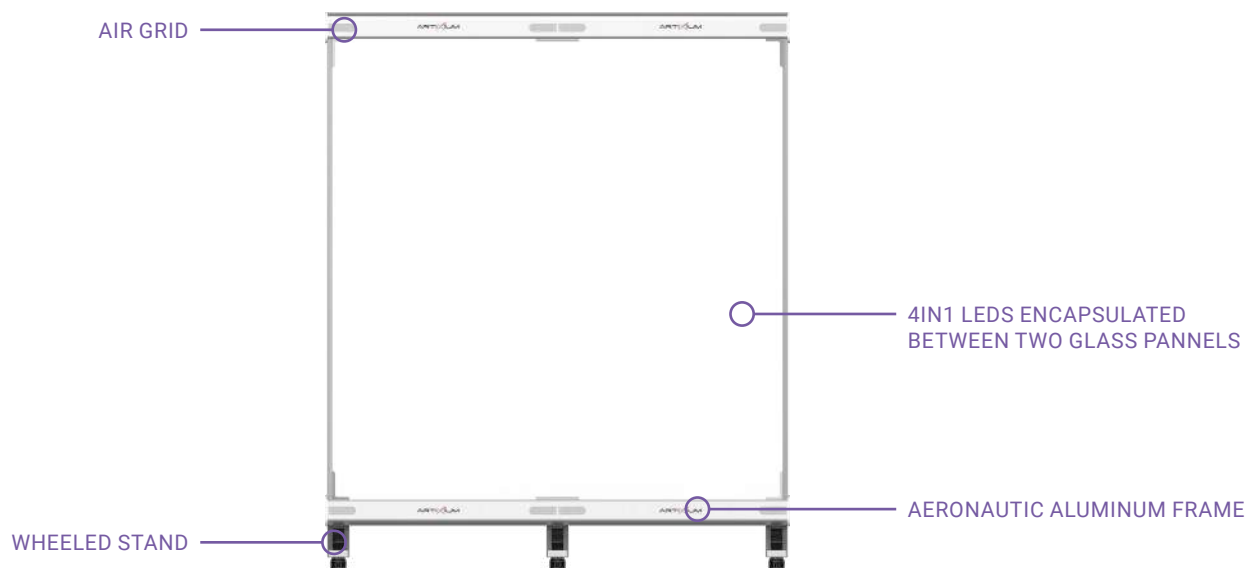
MATERIAL
Aeronautic aluminum
+ tempered glass



MAINTENANCE
Front & back maintenance



FEATURES



ASSEMBLE TWO POSTERS TOGETHER

The ONYX TR 2.0 allows you to combine two posters on the sides, providing access to display surfaces of 3m x 2m and 4m x 2m. This straightforward process

offers great flexibility when it comes to designing your transparent LED mobile screen.



SMD2121 4IN1

Similar to CALCITE 2.0, the ONYX TR 2.0 uses LEDs that are encapsulated with their drivers, occupying less space and allowing for a higher level of transparency than its predecessor, the ONYX TR.



AIR GRIDS



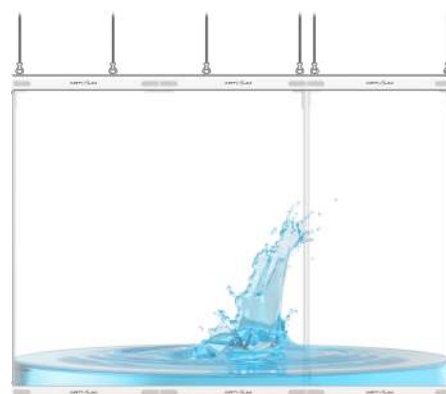
PLUG & PLAY SOLUTION



WHEELED STAND

HANGING

The frame of the ONYX TR 2.0 includes rings designed for suspending your transparent LED screen. Thanks to its lightweight design, your LED poster can be easily suspended from various types of structures.



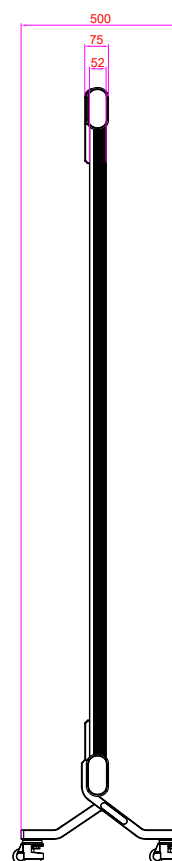
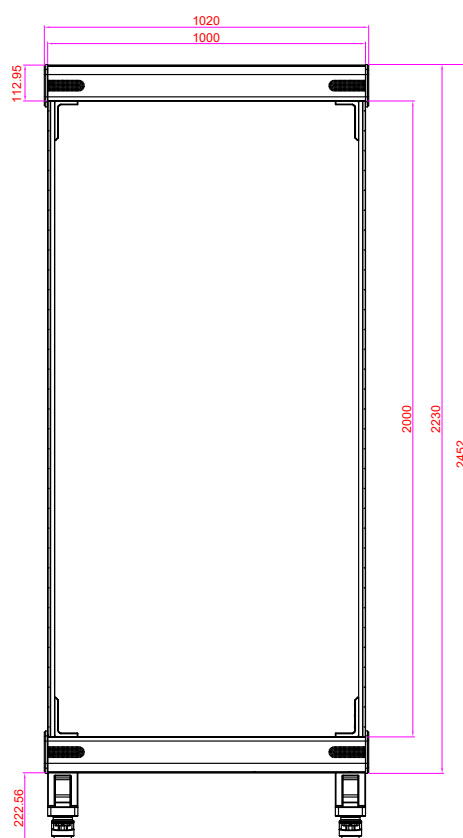
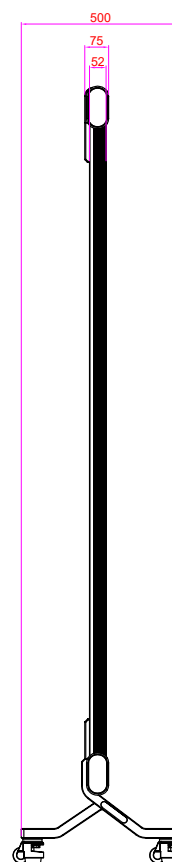
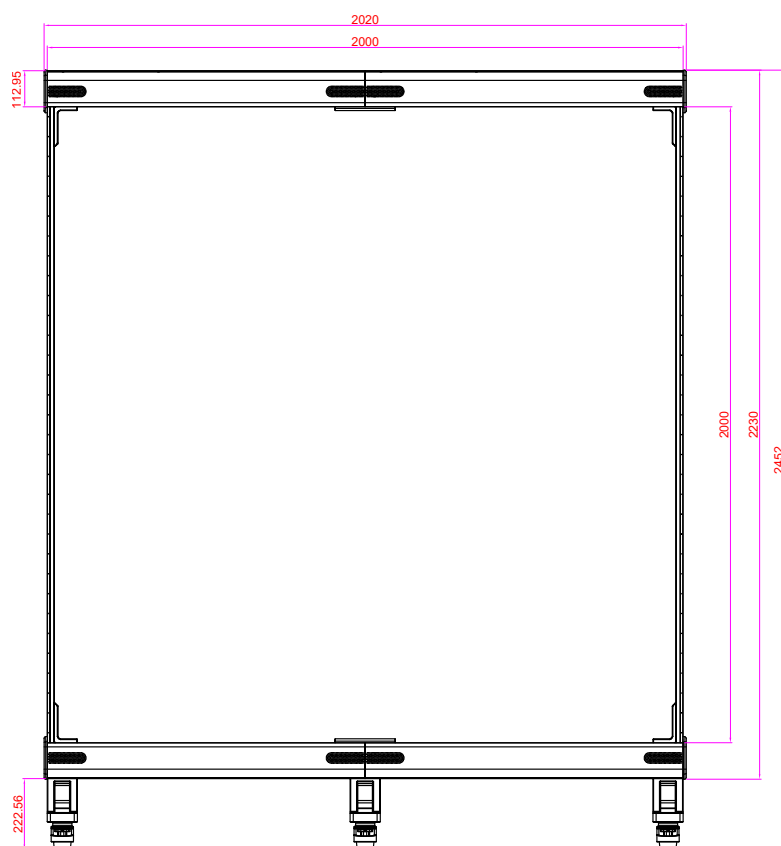


TECHNICAL SPECIFICATIONS

		INDOOR	
Product Parameters	Unit	S	XL
Pixel Pitch	mm	3,91	3,91
LED		Custom SMD2121 4in1 (RGB + driver)	
Application		Indoor transparent LED poster	
Ingress Protection	IP	IP20	
Brightness	cd/m²	≤ 4000 Nits @5volts	
Color Temperature after calib (adjustable)	deg. K	6500	
Viewing Angle (50% brightness)	deg.	160 H / 160 V	
Device size (WxHxD)	mm	1020 x 2452 x 500	2020 x 2452 x 500
Display area (WxH)	mm	1000 x 2000	2000 x 2000
Cabinet size (WxHxD)	mm	No cabinet	
Module size (WxHxD)	mm	No module	
Device pixel matrix (WxH)	px	256 x 512	512 x 512
Cabinet pixel matrix (WxH)	px	No cabinet	No cabinet
Module pixel matrix (WxH)	px	No module	No module
Pixel Density	px/m²	65536	65536
Weight	kg	40	60
Material		Aeronautic grade aluminum frame + tempered glass	
Maintenance Mode		Front & back	
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	AC100-240V	
Max. Power Consumption	W/m²	1200	
Average Power Consumption	W/m²	500	
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		20-85%	
Operating Temperature Range		0°C / +50°C	
Screen Uniformity Correction		-	
Certification		CE / ETL / CCC	
Available options		-	
Compatibility		Two posters can be connected together	



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.

www.artixium.com