



ONYX

INDOOR LED TOTEM





OVERVIEW

Easy to integrate and maintain, the ONYX is an ideal indoor LED totem. This product is made with our IRON 2.0 LED cabinets, with a P1.9 to P3.9 pixel pitch and high resilience. This LED totem is perfect for fixed applications and can easily be maintained from the front or the rear. Its minimalist design allows the ONYX to elegantly blend in any given space.



APPLICATION
Indoor



BRIGHTNESS
≤ 900 NITS@ 5volts



INGRESS PROTECTION
IP41



TOTAL LED WEIGHT
41.6 kg



PIXEL PITCH
P1.9 P2.5 P3.9



MATERIAL
Reinforced steel



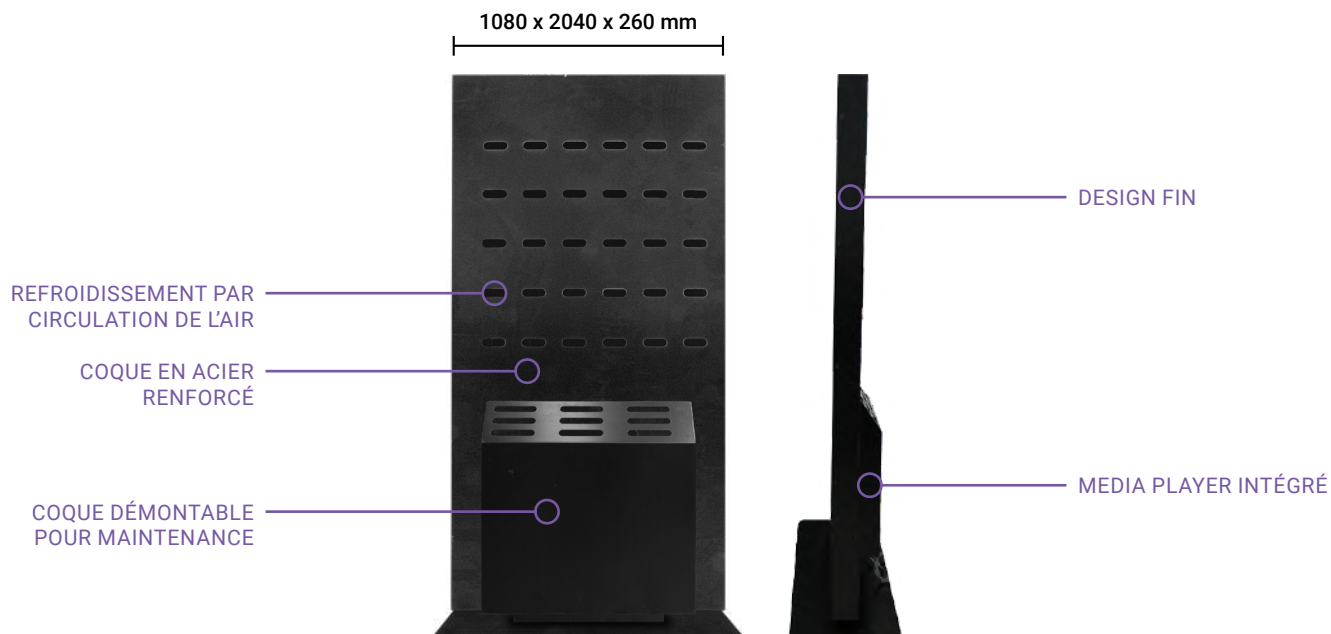
DISPLAY AREA (W x H)
1000 x 2000 mm



MAINTENANCE
Back maintenance



FEATURES





MOBILITY

The ONYX's weight allows relative mobility. Two people can easily shift it to renew your installation's disposition.

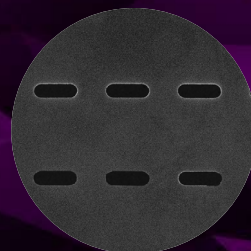
Thanks to the integrated plug & play system, these shifts won't affect the easy display of quality visual content.



**MIRROR EFFECT WHEN
THE TOTEM IS OFF...**



**... SHARP VISUAL
CONTENT WHEN IT'S ON**



NATURAL COOLING

VISUAL PROPERTIES

The fine pixel pitch of the ONYX makes for good visual quality, enhanced by a high contrast ratio. This product is an ideal solution for both temporary (fairs, exhibitions, etc.) and permanent (shops, lobbies, etc.) LED applications.

MINIMALIST DESIGN

The design of the ONYX makes it easy to integrate into any building. When off, it offers the same reflection as a traditional mirror, giving your LED installation an aesthetic look in every circumstance.



IRON 2.0 CABINETS

The IRON 2.0 LED cabinets used in the ONYX are amongst our best-selling products, favored by professional integrators for their resistance and fine pixel pitch. With a brightness going up to 900 NITS, they are ideal for indoor applications.



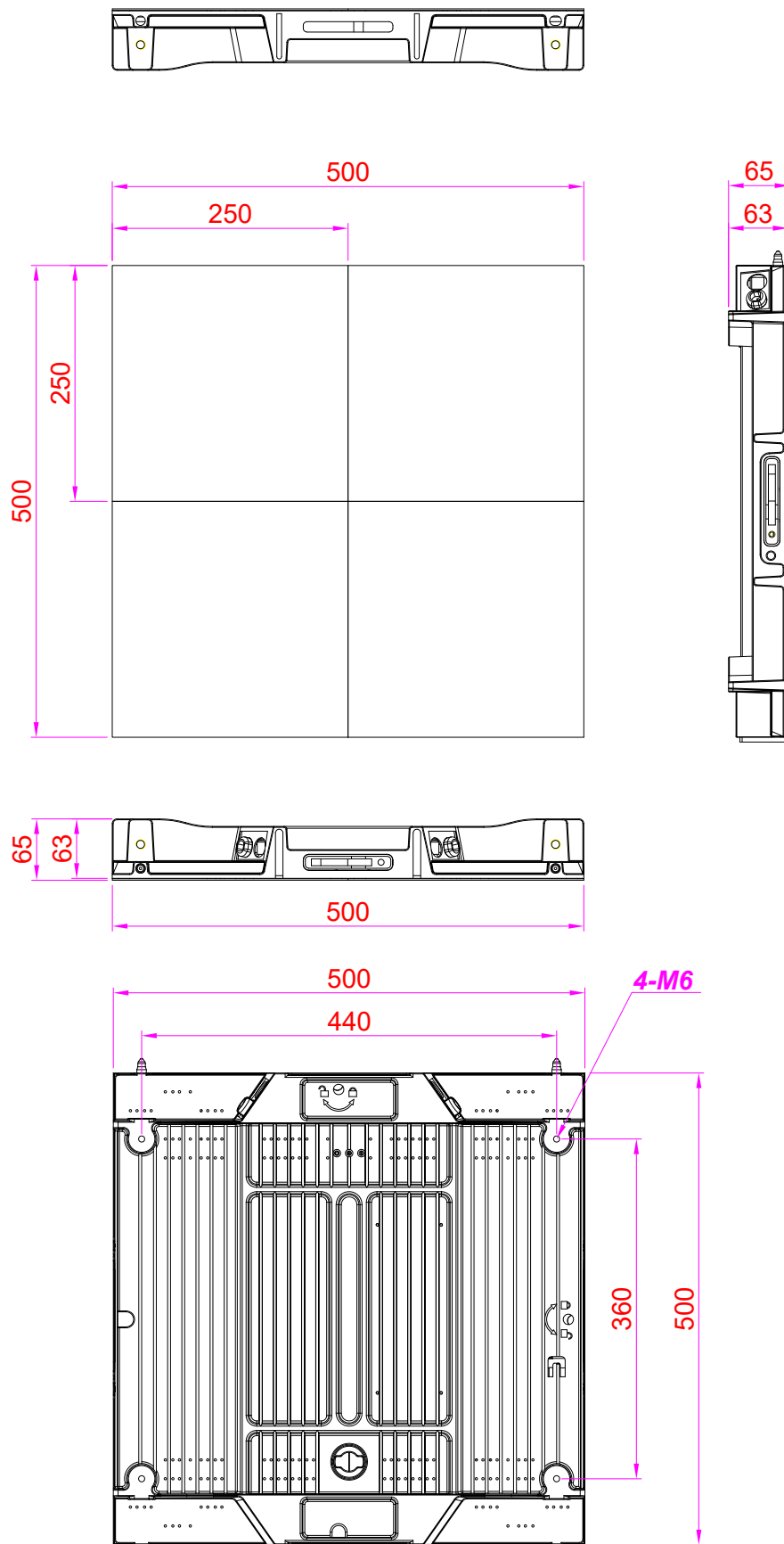
TECHNICAL SPECIFICATIONS

		INDOOR		
Product Parameters	Unit	1.9	2.5	3.9
Pixel Pitch	mm	1,95	3	3,91
LED		SMD2020 3in1 (Black Face)	SMD2020 3in1 (Black Face)	SMD1921 (Black Face)
Application		Indoor LED totem		
Ingress Protection	IP	IP41		
Brightness	cd/sqm	≤ 800 Nits @5volts		≤ 900 Nits @5volts
Color Temperature after calib (adjustable)	deg. K	6500		
Viewing Angle (50% brightness)	deg.	140(+/-70) H / 140 V		
Device size (WxHxD)	mm	1080 x 2040 x 260		
Display area (WxH)	mm	1000 x 2000		
Cabinet size (WxHxD)	mm	500 x 500 x 63		
Module size (WxHxD)	mm	250 x 250 x 15		
Device pixel matrix (WxH)	px	512 x 768	400 x 600	256 x 384
Cabinet pixel matrix (WxH)	px	256 x 256	200 x 200	128 x 128
Module pixel matrix (WxH)	px	128 x 128	100 x 100	64 x 64
Pixel Density	px/sqm	262144	160000	65536
Total Weight (only LED part)	kg	41.4		
Cabinet Material		Steel Cabinet with reinforcement		
Maintenance Mode		Back		
Mask specification		95% Plastic + 5% Fiber / SS Screws / 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	200		
Average Power Consumption	W/sqm	80		
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		-10°C / +50°C		
Screen Uniformity Correction				
Certification		CE / ETL / CCC		
Available options		Aluminum, Neutrik Connector, Customizable size		
Compatibility		No		



TECHNICAL DRAWINGS

IRON 2.0 CABINETS





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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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