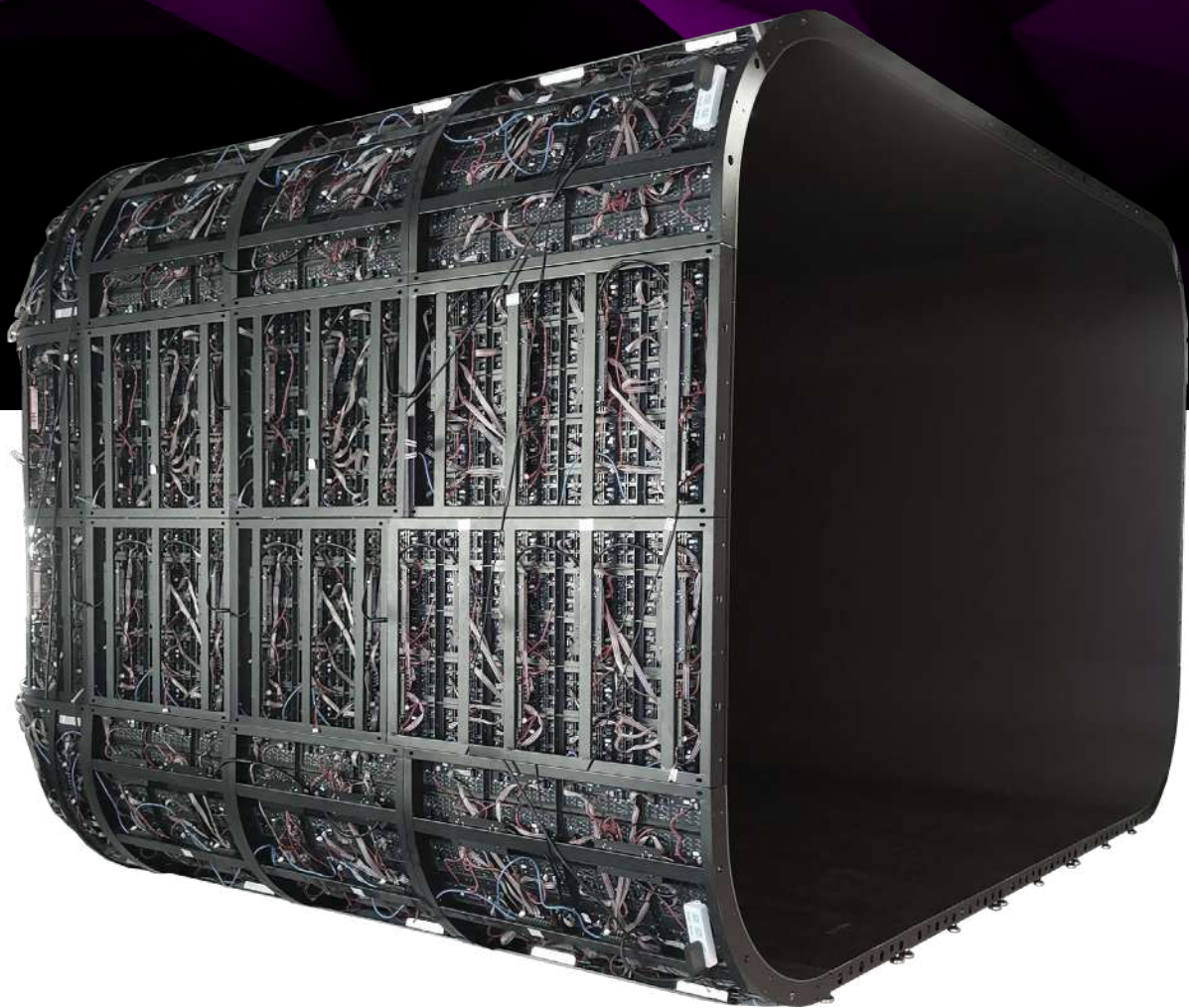




IMMERSIVE LED BOX

LED STUDIO



ARTIXIUM[®]



OVERVIEW

With the IMMERSIVE LED BOX, we offer a means to digitalize your audio-visual studio. This product, tailored with MICA modules and HYDROGEN cabinets as-ssembled on a steel structure, replaces the traditional green screen with a high definition three dimensions LED screen, broadcasting a live high-quality virtual background with its fine pixel pitch, on a 71.4sqm surface.



APPLICATION
Indoor



BRIGHTNESS
≤ 1000 NITS@ 5volts



INGRESS PROTECTION
IP65 (HYDROGEN)
IP41 (MICA)



TOTAL LED WEIGHT
2615 kg



PIXEL PITCH
P2.5



MATERIAL
Reinforced steel (HYDROGEN)
Rubber + magnets (MICA)



DISPLAY AREA (W x H)
489 x 1920 mm (2pcs)
3520 x 960 mm (6pcs)
3520 x 3520 mm (2pcs)
3520 x 1920 mm (3pcs)
611 x 611 x 489 mm (4pcs)



MAINTENANCE
Front & back maintenance



FEATURES





NUMEROUS APPLICATIONS

Even though this solution was designed for the audio-visual industry, it can suit any project where immersion is para-mount (museums, showrooms,

waiting lobbies, etc.). Thanks to the rubber mask of the MICA modules, the IMMERSIVE LED BOX is echo-proof, making the filming process a lot easier.



**EASY MAINTENANCE
THROUGH THE STEEL STRUCTURE**



**LED FLOOR RESISTANT TO
WEIGHT**



IMMERSIVE UNIVERSE FORMING

TAILORED SOLUTION

According to your studio's needs, we can provide an IMMERSIVE LED BOX tailored to your project thanks to the high modularity of the HYDROGEN and the MICA.

STEEL STRUCTURE

We have the IMMERSIVE LED BOX's frame made to be tough and resilient whilst allowing easy maintenance from the front or the back of your LED studio.



VISUAL PROPERTIES

With a brightness going up to 1000 NITS, a high contrast ratio, and a 2.5mm pixel pitch, the IMMERSIVE LED BOX is

designed to display lifelike high-quality visual content. It's the ideal solution for a virtual stage in a film or news studio.



CAREFULLY CHOSEN LED PRODUCTS

The IMMERSIVE LED BOX is made of MICA modules and HYDROGEN cabinets from our media product range. The first is renowned for its flexibility, fine pixel pitch, and easy front or back maintenance. The latter, with the GME (global module encapsulation), custom size, and the front access option, offers enough resistance to be used as a floor while displaying a P2.5 pixel pitch equivalent to the MICA's.



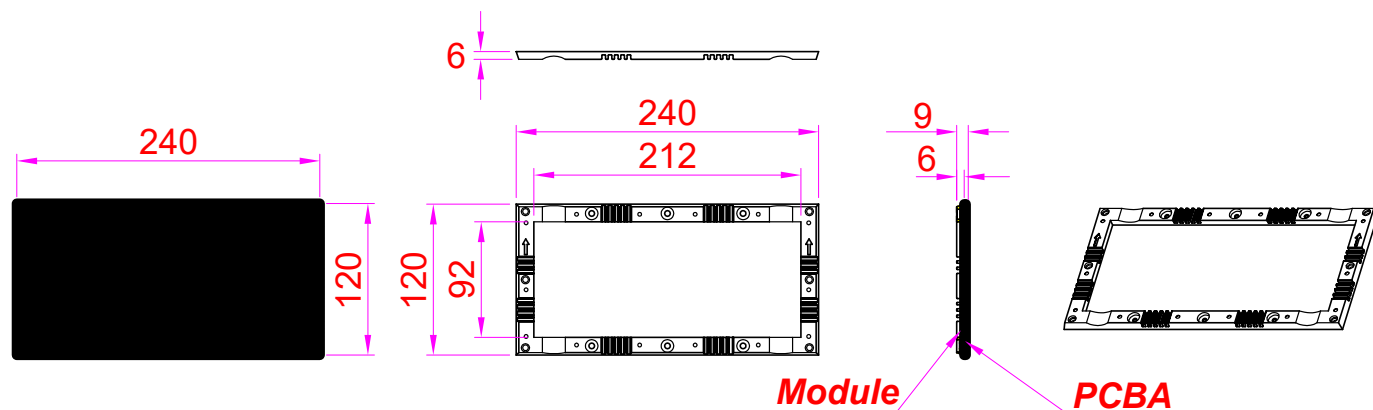
TECHNICAL SPECIFICATIONS

		INDOOR
Product Parameters	Unit	P2.5
Pixel Pitch	mm	2,50
LED		SMD1921 (Hydrogen) / SMD2121 (Mica)
Application		Indoor
Ingress Protection	IP	IP65 (Hydrogen) / IP41 (Mica)
Brightness	cd/sqm	≤ 1000 Nits @5volts
Color Temperature after calib (adjustable)	deg. K	6500
Viewing Angle (50% brightness)	deg.	140 H / 140 V
Device size (WxHxD)	mm	3142 x 4742 x 4143
Display area (WxH)	mm	489 x 1920 (2pcs) 3520 x 960 (6pcs) 3520 x 3520 (2pcs) 3520 x 1920 (3pcs) 611 x 611 x 489 (4pcs)
Cabinet size (WxHxD)	mm	960 x 960 x 198 (Hydrogen) / No cabinet (Mica)
Module size (WxHxD)	mm	320 x 160 (Hydrogen) / 240 x 120 x 9 (Mica)
Device pixel matrix (WxH)	px	1257 x 1897 x 1657
Cabinet pixel matrix (WxH)	px	384 x 384
Module pixel matrix (WxH)	px	128 x 64 / 96 x 48
Pixel Density	px/sqm	160000
Total Weight (only LED part)	kg	2615
Cabinet Material		Steel with reinforcements (Hydrogen) / Rubber, magnets & pcb (Mica)
Maintenance Mode		Front and Back
Mask specification		95% Plastic + 5% Fiber / SS screws / no shaders (Hydrogen) / Rubber (Mica)
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 (Hydrogen) / 240 (Mica)
Average Power Consumption	W/sqm	200 (Hydrogen) / 96 (Mica)
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		10-90%
Operating Temperature Range		-20°C / +50°C
Screen Uniformity Correction		-
Certification		CE / ETL / CCC
Available options		Custom size
Compatibility		-

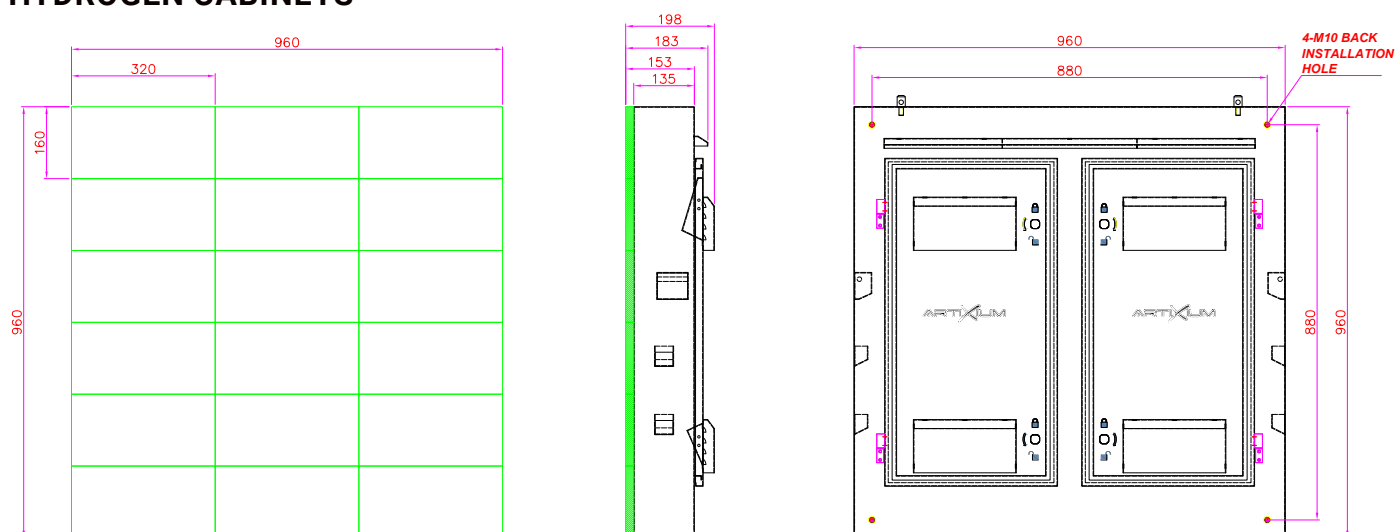


TECHNICAL DRAWINGS

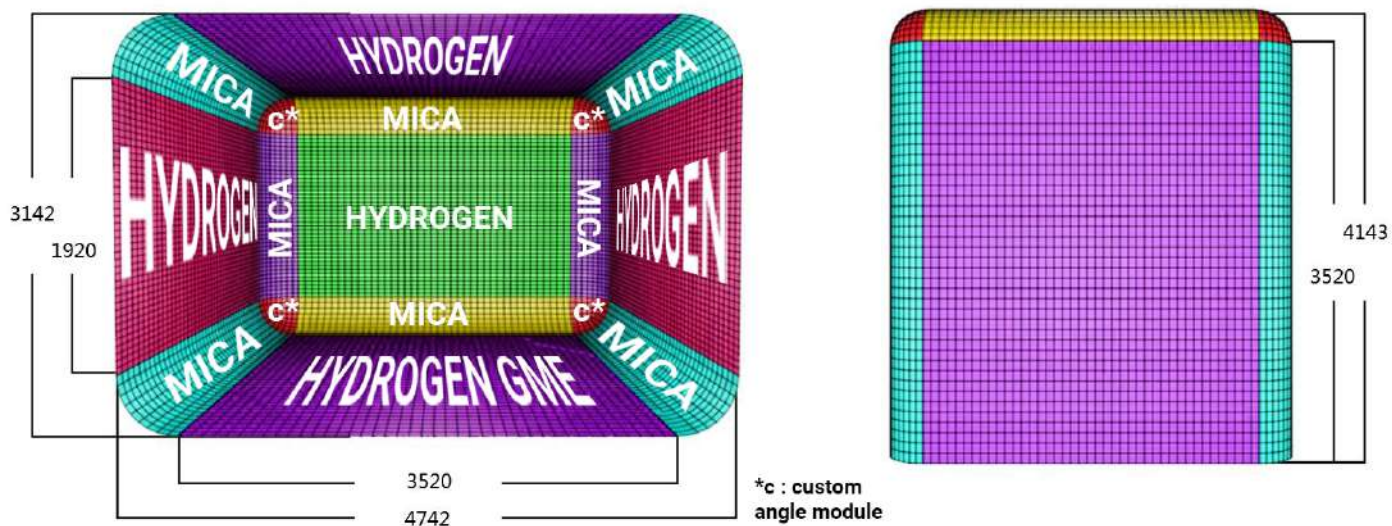
MICA MODULES



HYDROGEN CABINETS



DISPOSITION DES ÉLÉMENTS LED





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."



112 Avenue Franklin Roosevelt
69120 Vaulx-en-Velin
France



Artixium Operational Center
518000 Shenzhen
China



Weissensteinstrasse 90b,
46149 Oberhausen
Germany



Merkez Mah. Baglar Cad. A
Blok Apt. No: 14D/13 Kagithane, Istanbul
Turkey



 www.artixium.com

 0 428 001 801

 [linkedin.com/company/artixium](https://www.linkedin.com/company/artixium)

 twitter.com/artixium

 contact@artixium.com

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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