HYDROGEN ULTRA SLIM

INDOOR & OUTDOOR LED DISPLAY

OVERVIEW

The HYDROGEN ULTRA SLIM is originally derived from our sports product range and has proven itself reliable and efficient in numerous outdoor projects. This encouraged us to conceive a media version, and thus offer a durable and trustworthy fixed LED display, suitable for both outdoor and indoor projects that require a long-lasting and enduring LED display. To us, the HYDROGEN ULTRA SLIM is synonymous with cost efficiency and peace of mind.

APPLICATION
Indoor / Outdoor

INGRESS PROTECTION
IP65

PIXEL PITCH
P4 P5 (indoor)
P4 P5 P6.6 P8 P10 (outdoor)

DISPLAY AREA (W x H)
960 x 960 mm

BRIGHTNESS
≤ 1500 NITS (indoor)
≤ 6000 NITS (outdoor)

WEIGHT
33 kg/cabinet

MATERIAL
Magnesium alloy

MAINTENANCE
Back maintenance

FEATURES

960 x 960 x 130 mm

TOOLLESS
LOCKING SYSTEM

CABINET HANDLE

CABINET HANDLE

BACK COVER
LOCKING SYSTEM

FIXATION HOLES
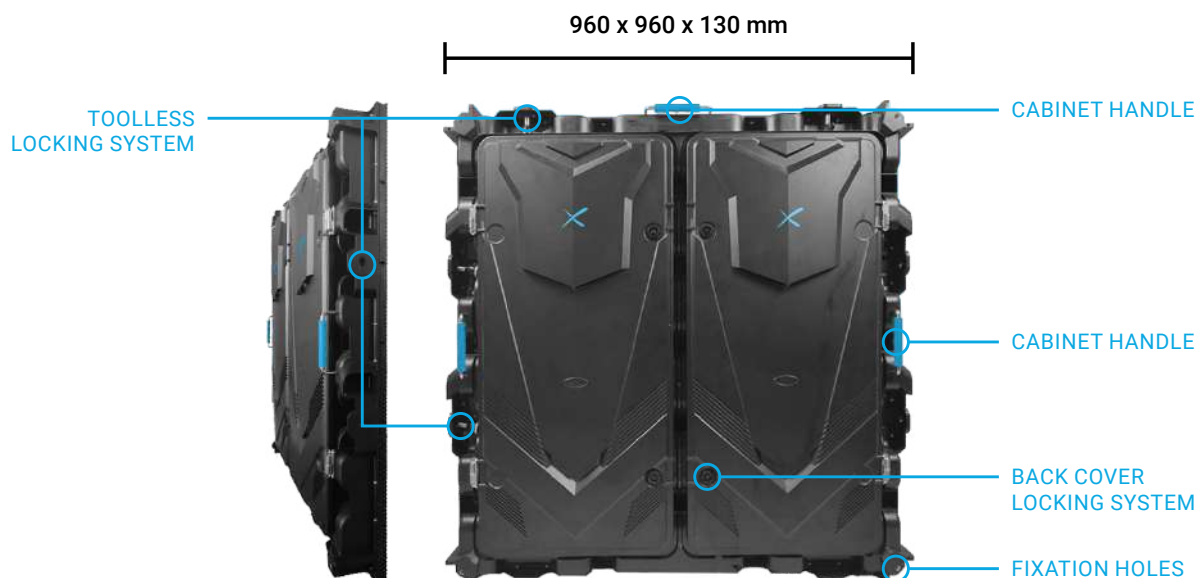
HIGH QUALITY FEATURES

The HYDROGEN ULTRA SLIM was designed with one particular goal in mind: creating a product that will stay true to its original state in the long run, and that will perform without any issue no matter the environment. It comes with integrated fans, a heavy-duty magnesium frame and die-casting aluminum back cover, and optional Neutrik connectors, making it one of the most resilient LED displays of our media product range.

INTEGRATED FANS

INTEGRATED CABINET HANDLES
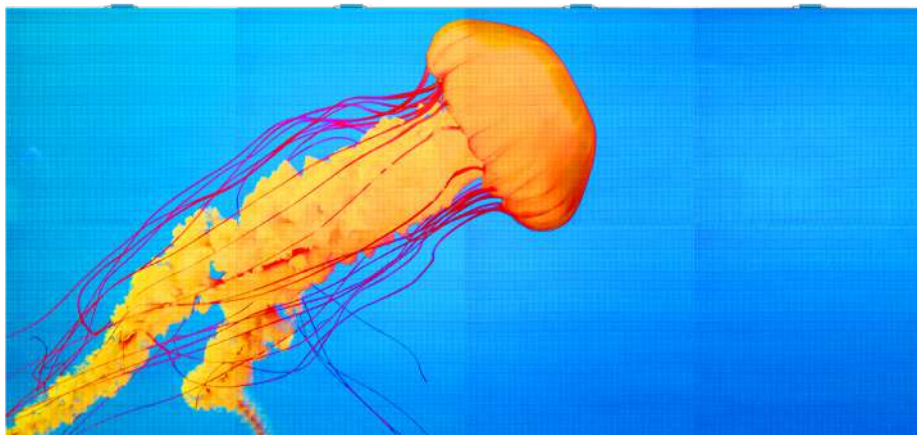

HEAT RESISTANT BACK COVER

PERMANENT INSTALLATIONS

The HYDROGEN ULTRA SLIM is suited for fixed installations, the best-fitted solution being fixing the cabinets to a specially designed structure.

EASY MAINTENANCE

The maintenance of the HYDROGEN ULTRA SLIM can be done from the back by opening the back cover. It's an easy and quick process that can be managed by only one technician.
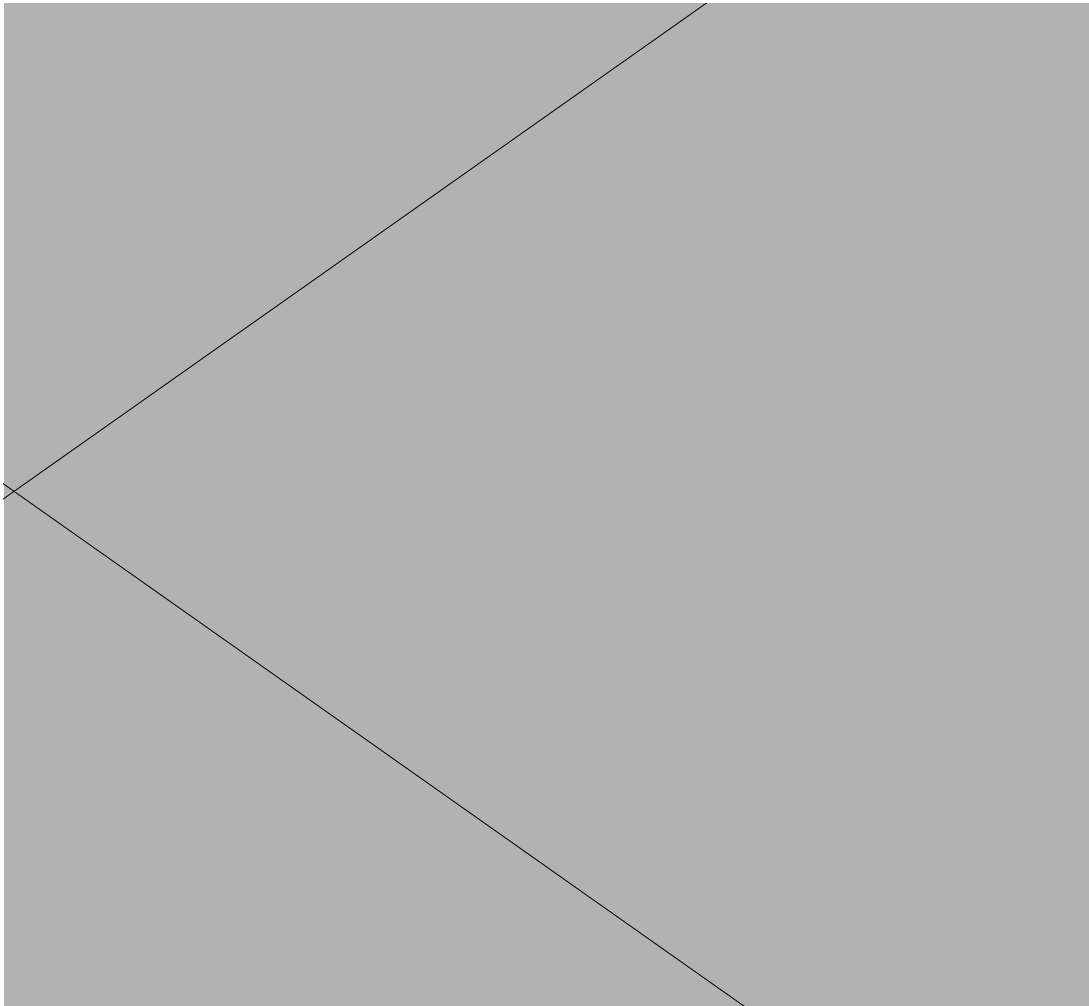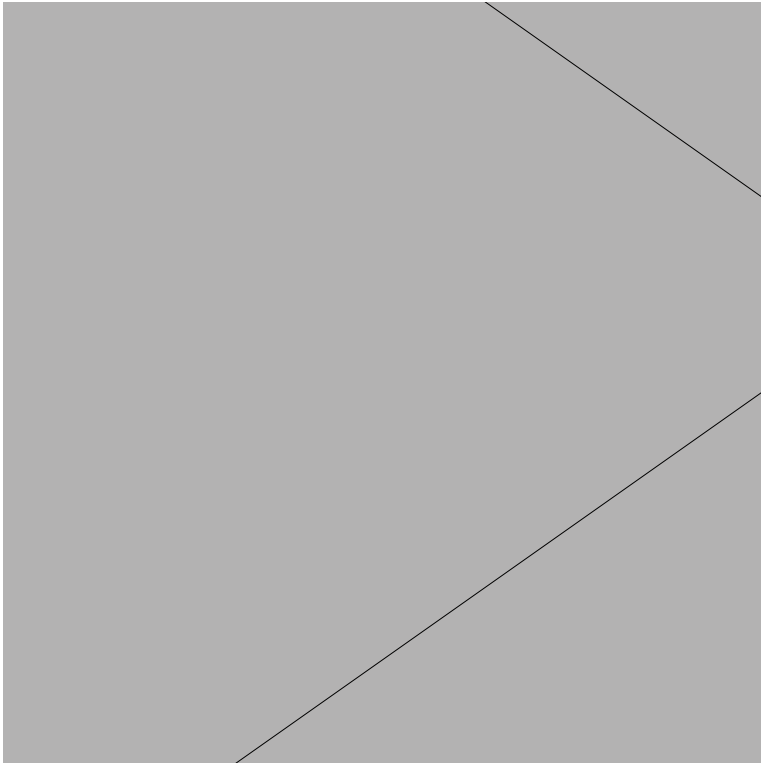
TECHNICAL SPECIFICATIONS

Product Parameters	Unit	INDOOR		OUTDOOR				
		4	5	4	5	6.6	8	10
Pixel Pitch	mm	4,00	5,00	4,00	5,00	6,67	8	10
LED		SMD1921 (Black Face)	SMD2727 3in1 (Black Face)	SMD1921 (Black Face)	SMD2727 3in1 (Black Face)			SMD3535 3in1 (Black Face)
Application		Cost-effective LED cabinet, fixed applications						
Ingress Protection	IP	IP65						
Brightness	cd/sqm	≤ 1500 Nits @5volts		≤ 6000 Nits @5volts				
Color Temperature after calib (adjustable)	deg. K	6500						
Viewing Angle (50% brightness)	deg.	140(+/-70) H / 140 V						
Cabinet Size (WxHxD)	mm	960 x 960 x 130						
Display area (WxH)	mm	960 x 960						
Module Size (WxHxD)	mm	320 x 160 x 18						
Pixel Matrix Per Cabinet (WxH)	px	240 x 240	192 x 192	240 x 240	192 x 192	144 x 144	120 x 120	96 x 96
Pixel Matrix Per Module (WxH)	px	80 x 40	64 x 32	80 x 40	64 x 32	48 x 24	40 x 20	32 x 16
Pixel Density	px/sqm	62500	40000	62500	40000	22500	15625	10000
Weight of cabinet	kg	33						
Cabinet Material		Magnesium alloy						
Maintenance Mode		Back						
Mask specification		95% Plastic + 5% Fiber / SS Screws / Shaders / Backshell in Aluminum + PC						
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	250						
Control Mode		Synchronization						
Video Frame Rate	Hz	50/60Hz						
Input Types Supported		DVI / SDI / HDMI						
3D ready (optional)		oui						
Calibration		oui						
Lifetime (50% brightness)	h							
Operating Humidity Range		10-95%						
Operating Temperature Range		-20°C / +50°C						
Screen Uniformity Correction		-						
Certification		CE / ETL / CCC						
Available options		Neutrik connectors						
Compatibility		-						

PAGE 5

✕ 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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ARTIXIUM®

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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