



HYDROGEN SPORT ULTRA SLIM

LED PERIMETER SYSTEM





OVERVIEW

The HYDROGEN SPORT ULTRA SLIM has already proven itself reliable and efficient in numerous LED perimeter projects. It is a lot lighter and thinner than the HYDROGEN SPORT, which makes it a good choice for smaller venues, such as basketball courts, as well as for any stadium that often needs its LED perimeter to be moved regularly. To us, the HYDROGEN SPORT ULTRA SLIM is synonymous with cost efficiency and peace of mind.



APPLICATION
Outdoor



INGRESS PROTECTION
IP65 (front) / IP54 (back)



PIXEL PITCH
P10



DISPLAY AREA (W x H)
960 x 960 mm



BRIGHTNESS
≤ 6000 NITS (LED TYPE SMD)



WEIGHT
33 kg/cabinet



MATERIAL
Magnesium alloy



MAINTENANCE
Back maintenance (front opt.)

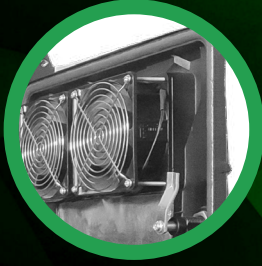


FEATURES



HIGH QUALITY FEATURES

The HYDROGEN SPORT 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.



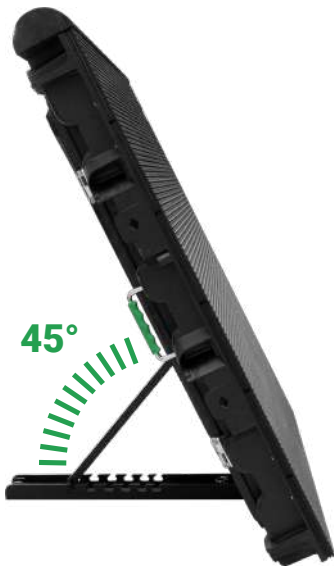
INTEGRATED FANS



INTEGRATED CABINET HANDLES



HEAT RESISTANT BACK COVER



45°



90°

EASY MAINTENANCE

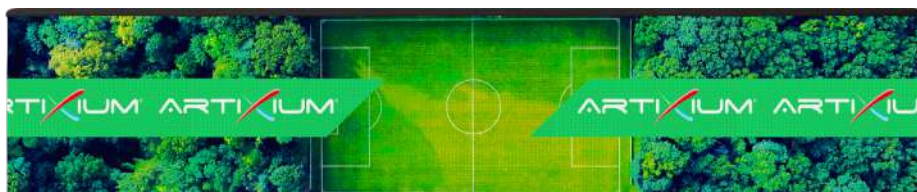
The maintenance of the HYDROGEN SPORT ULTRA SLIM can be done from the back by opening the back cover or from the optional front access modules. Therefore, your LED perimeter system can fit many different stadiums and still be easy to manage and maintain.

ADJUSTABLE INCLINATION

With its integrated adjustable leg, the HYDROGEN SPORT ULTRA SLIM can be placed at a 45° to 90° angle. This feature allows you to orient your LED perimeter system to maximize its visibility, depending on the size of your stadium, the height of the bleachers, etc.

VISUAL PROPERTIES

With a 6000 NITS brightness and a 10mm pixel pitch, you ensure clear visibility from anywhere in your stadium, day or night, to your different sponsors.





TECHNICAL SPECIFICATIONS

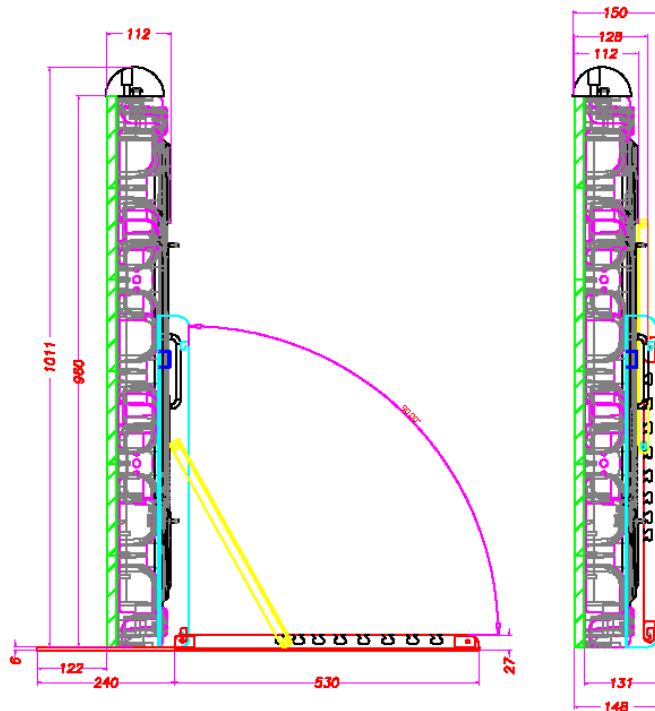
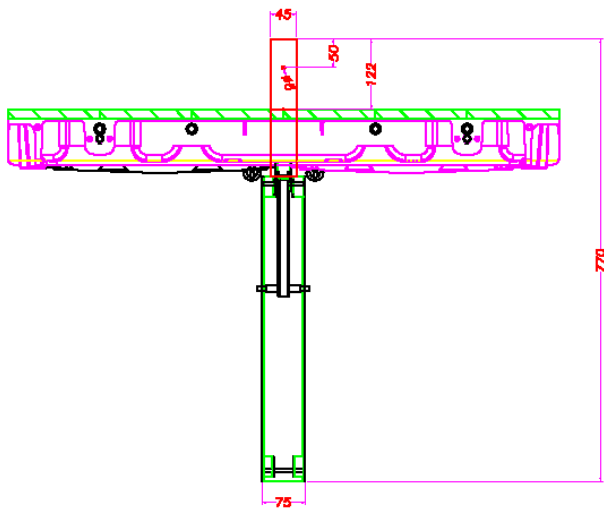
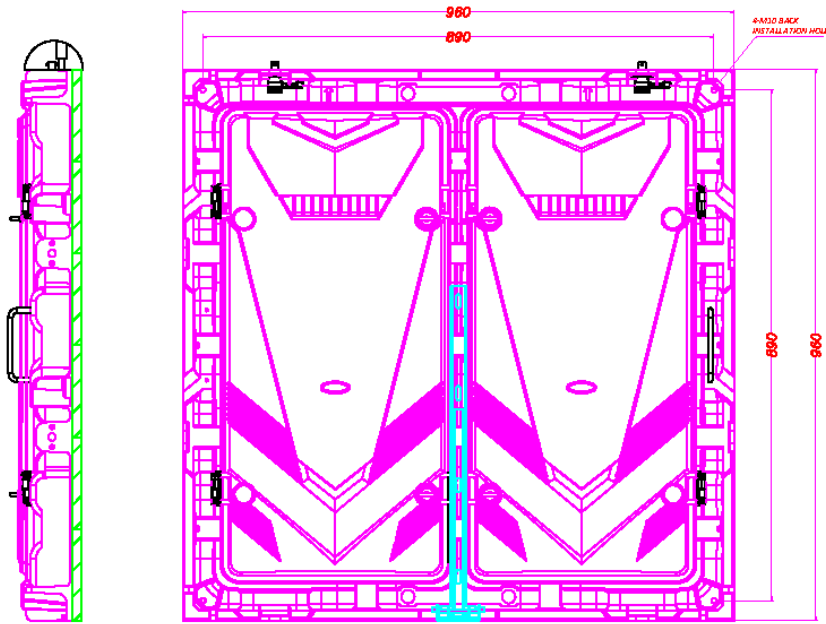
		OUTDOOR
Product Parameters	Unit	10
Pixel Pitch	mm	10,00
LED		SMD2727 3in1 (Black Face)
Application		Perimeter System
Ingress Protection	IP	IP65 (front) / IP54 (rear)
Brightness	cd/sqm	≤ 6000 Nits @5volts
Color Temperature after calib (adjustable)	deg. K	6500
Viewing Angle (50% brightness)	deg.	140(+/-70) H / 140 V
Cabinet Size (WxHxD)	mm	960 x 960 x 112
Display area (WxH)	mm	960 x 960
Module Size (WxHxD)	mm	320 x 160 x 15
Pixel Matrix Per Cabinet (WxH)	px	128 x 96
Pixel Matrix Per Module (WxH)	px	32 x 16
Pixel Density	px/sqm	10000
Weight	kg/cabinet	33
Cabinet Material		Magnesium Alloy
Maintenance Mode		Back (Front optional)
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	900
Average Power Consumption	W/sqm	300
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		-20°C / +60°C
Screen Uniformity Correction		Brightness + chromaticity
Certification		CE / ETL / CCC
Available options		Neutrik connectors, Font access modules
Compatibility		No



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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.

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