



QWARTZ **2.0 SWIFT**

FRONT & BACK MAINTENANCE INDOOR CABINET





OVERVIEW

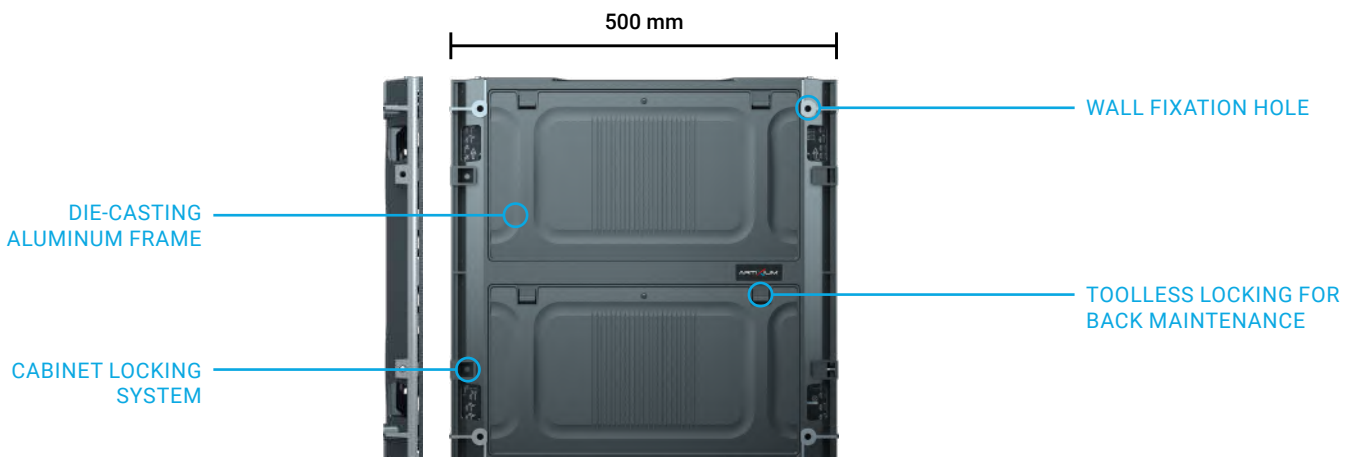
Meet the QWARTZ 2.0 SWIFT, our dedicated solution to the growing demand for versatile indoor LED cabinets capable of handling both front and rear maintenance. Developed as part of the QWARTZ product family, the SWIFT combines cutting-edge engineering with practical servicing flexibility, making it ideal for a wide range of installations – from corporate environments and retail spaces to control rooms and event venues. While it shares the visual performance and mechanical reliability of the QWARTZ 2.0, the SWIFT stands out with its dual-maintenance capability, a feature too often neglected by competing LED solutions.



- APPLICATION
Indoor
- INGRESS PROTECTION
IP30
- PIXEL PITCH
**P1.5 P1.9 P2.6
P2.9 P3.1 P3.9**
- DISPLAY AREA (W x H)
500 x 500 mm
- BRIGHTNESS
**≤ 800 NITS @5volts (Standard)
≤ 3000 NITS @5volts (High-Brightness)**
- WEIGHT
5.5 kg/cabinet
- MATERIAL
Die-casting aluminum
- MAINTENANCE
Back & Front maintenance



FEATURES





FINE PIXEL PITCH & HIGH BRIGHTNESS OPTION

The QWARTZ 2.0 SWIFT is built to meet the highest standards of indoor visual performance, offering the same pixel pitch configurations as our QWARTZ 2.0 to deliver exceptional image precision and seamless viewing experiences. In addition, it provides a high-brightness option available in P2.9 and P3.9, speci-

fically designed for installations where screens face natural light exposure — such as storefronts or spaces requiring clear visibility through windows. This adaptability ensures consistent image quality and optimal brightness levels regardless of the lighting environment.



CROSS COMPATIBLE



The QWARTZ 2.0 SWIFT was conceived as an extension of our QWARTZ product range, ensuring seamless compatibility with existing systems. It integrates perfectly with the QWARTZ 2.0 cabinets, the QWARTZ 2.0 corner cabinets, as well as the QWARTZ 2.0 CURVE, making it an ideal addition to your existing inventory. This design philosophy allows you to expand your installation capabilities without replacing your current equipment, helping you optimize your investment while maintaining visual consistency across mixed setups. Whether you are upgrading, expanding, or creating new configurations, the QWARTZ 2.0 SWIFT ensures total interoperability within the QWARTZ ecosystem.



BACK & FRONT MAINTENANCE

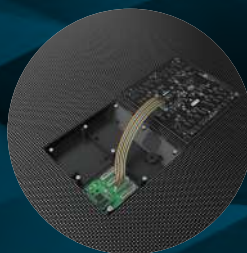
The QWARTZ 2.0 SWIFT has been engineered to support both front and rear maintenance, providing maximum flexibility during installation and servicing. Whether your setup requires easy access from the front for wall-mounted applications or from the back for open-space configurations, the QWARTZ 2.0 SWIFT ensures fast, safe, and efficient maintenance operations.



This process is completely toolless, thanks to magnetic LED modules and quick-release clips that allow for effortless removal of the backshell, helping to reduce downtime and optimize workflow.



CROSS COMPATIBLE



FRONT ACCESS
MAGNETIC MODULES



BACK ACCESS TOOLLESS FRAME



TECHNICAL SPECIFICATIONS

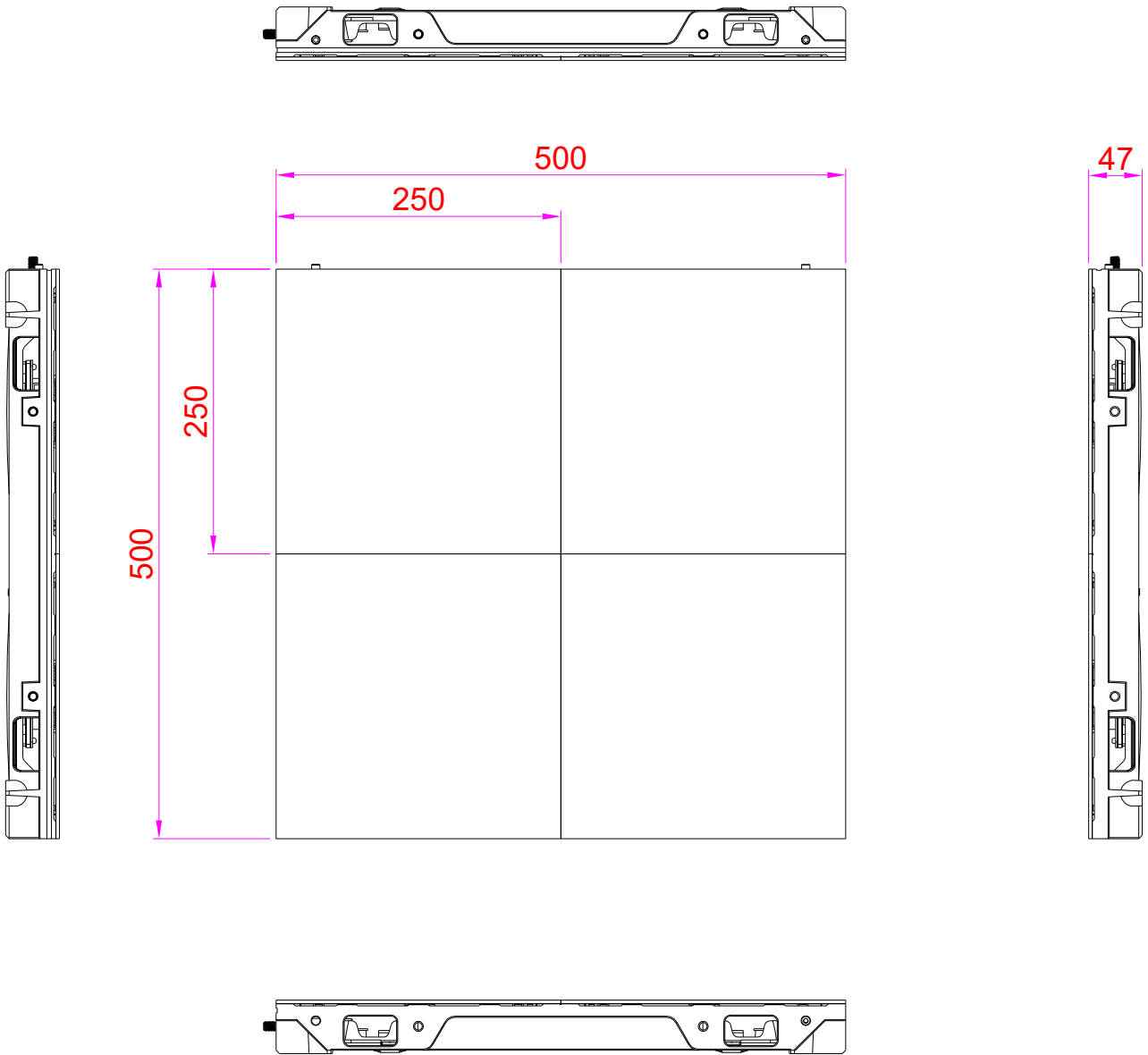
		INDOOR					
Product Parameters	Unit	1.5	1.9	2.6	2.9	3.1	3.9
Pixel Pitch	mm	1,56	1,95	2,60	2,98	3,13	3,91
LED		SMD1212 3in1 FBF		SMD1515 3in1 FBF (opt. SMD2020 FBF or SMD1516 High Brightness)	SMD1921 3in1 FBF (opt.SMD1921 High Brightness)	SMD2020 3in1 FBF	SMD2020 3in1 FBF (opt.SMD1921 High Brightness)
Application		Media (retail)					
Ingress Protection	IP	IP30					
Brightness	cd/m²	≤ 800 Nits @5volts		≤ 800 Nits @5volts (≤ 3000 Nits opt.)		≤ 800 Nits @5volts	≤ 800 Nits @5volts (≤ 3000 Nits opt.)
Color Temperature after calib (adjustable)	deg. K	6500					
Viewing Angle (50% brightness)	deg.	140 H / 140 V					
Cabinet Size (WxHxD)	mm	500 x 500 x 47					
Display area (WxH)	mm	500 x 500					
Module Size (WxHxD)	mm	250 x 250					
Pixel Matrix Per Cabinet (WxH)	px	320 x 320	256 x 256	192 x 192	168 x 168	160 x 160	128 x 128
Pixel Matrix Per Module (WxH)	px	160 x 160	128 x 128	96 x 96	84 x 84	80 x 80	64 x 64
Pixel Density	px/m²	409600	262144	147456	112896	102400	65536
Weight of cabinet	kg	5.5					
Cabinet Material		Die-casting aluminum					
Maintenance Mode		Back & Front					
Mask specification		95% Plastic + 5% Fiber / Clips (no screws) / No 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		7680			
Operation Power	V	AC85-230V					
Max. Power Consumption	W/m²	410					
Average Power Consumption	W/m²	136					
Control Mode		Synchronous / Asynchronous					
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		0°C / +40°C					
Screen Uniformity Correction		Yes					
Certification		CE / FCC / ETL					
Available options		-					
Compatibility		-					



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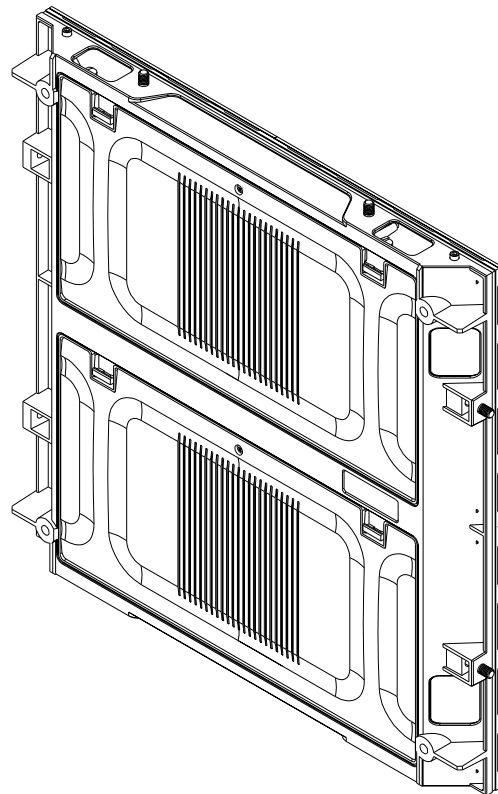
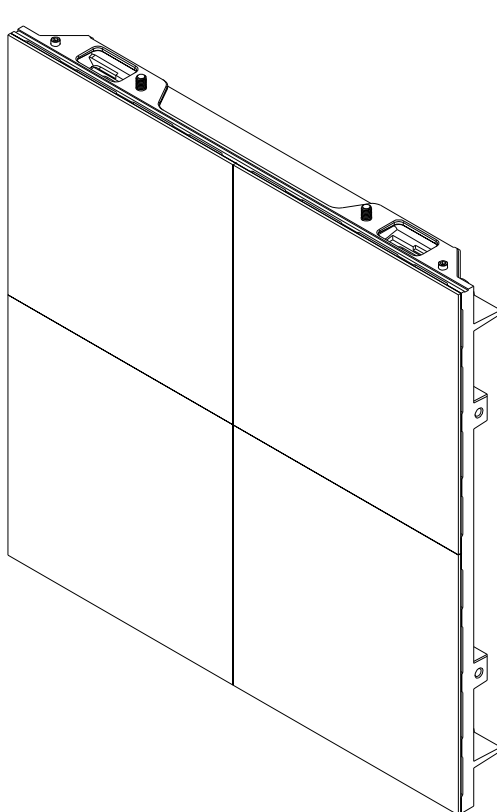
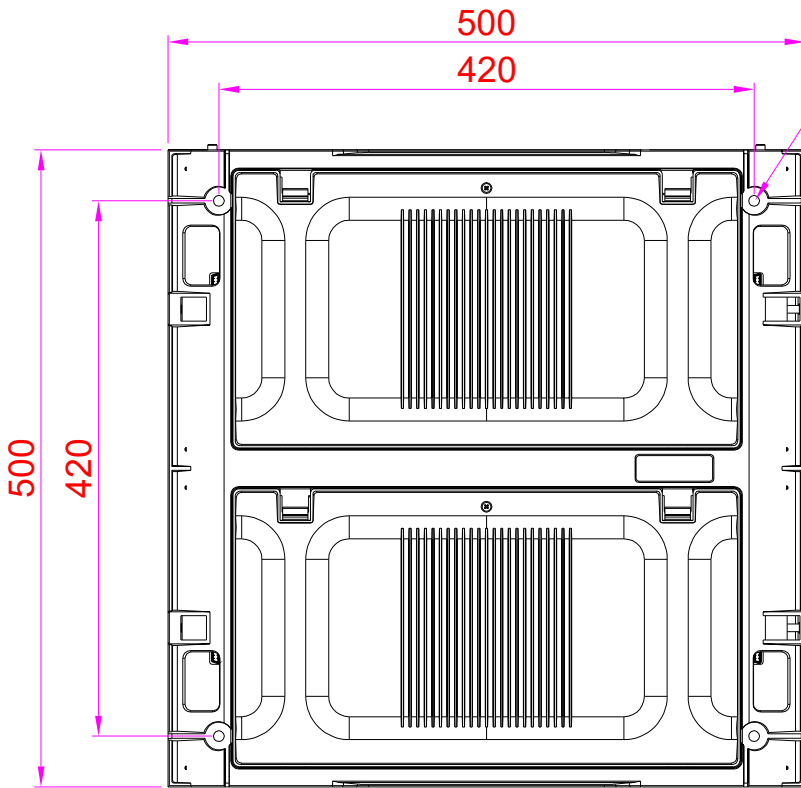


TECHNICAL DRAWINGS





**4-M10 Back Installation hole
&
4-M8 Front installation hole**





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