



SMART CITY

OUTDOOR TURNKEY DOOH LED DISPLAYS





OVERVIEW

The SMART CITY LED display is a versatile and user-friendly solution designed for urban environments. Featuring high-brightness outdoor LEDs, seamless 4G & Wi-Fi connectivity, a light sensor, and active ventilation, it ensures optimal performance and visibility in any setting. Its plug & play design makes installation and maintenance a breeze, allowing for easy integration onto existing light poles. Ideal for municipalities, commercial areas, or even highways, the SMART CITY enhances communication and engagement within urban landscapes effortlessly.



APPLICATION
Outdoor



INGRESS PROTECTION
IP65



PIXEL PITCH
P2.5 P2.9



DISPLAY AREA (W x H)
400 x 800 mm
600 x 1200 mm
1000 x 1800 mm (P2.9)



BRIGHTNESS
≤ 6000 NITS (SMD LED)



WEIGHT
18 - 32 - 90 kg



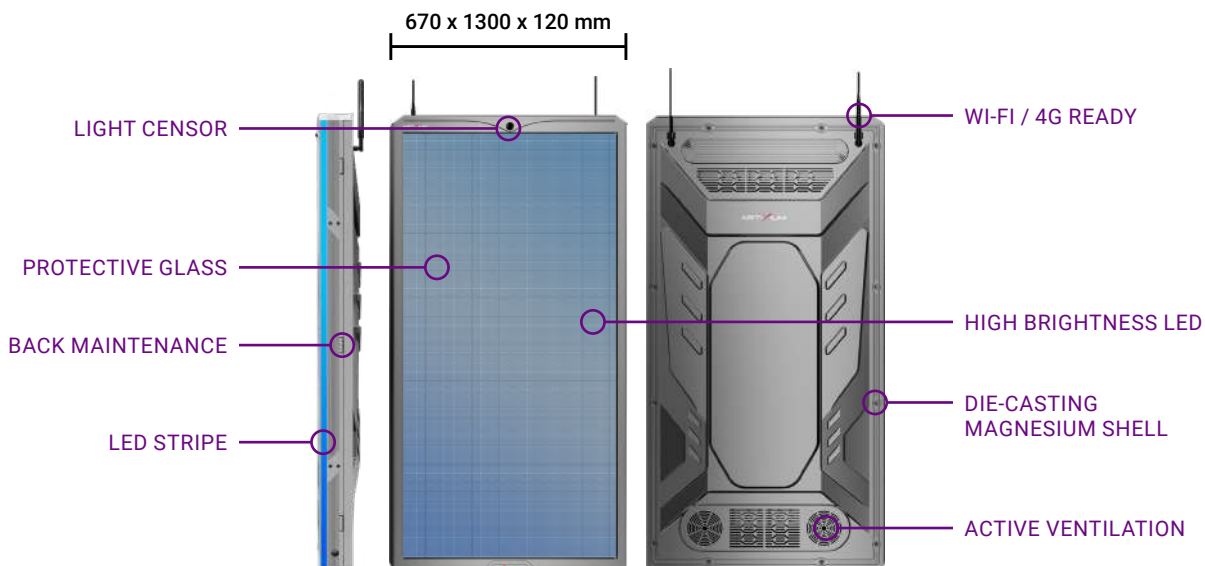
MATERIAL
Die-casting magnesium



MAINTENANCE
Back maintenance (P2.5)
Front maintenance (P2.9)



FEATURES





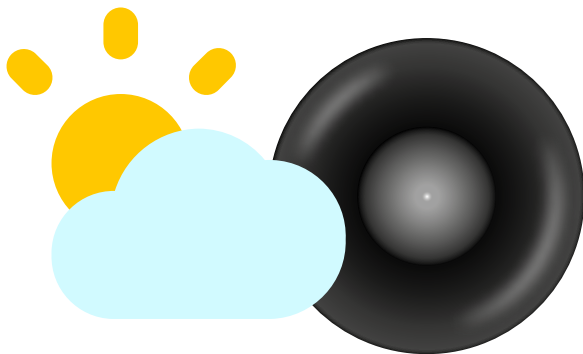
THREE DIMENSIONS AVAILABLE

Needs in display area may vary when it comes to DOOH LED screens, which is why the SMART CITY is available in 400 x 800 mm (156 x 312 px), 600 x 1200 mm (234 x 468 px) & 1000 x 1800 mm (340 x 612 px).



LIGHT SENSOR

The SMART CITY incorporates cutting-edge technology to enhance user

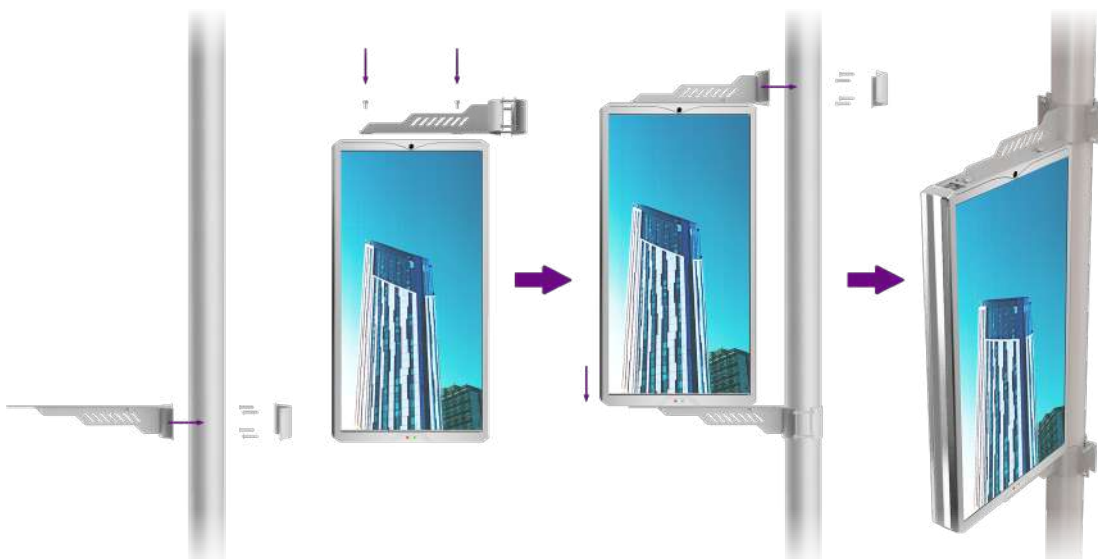


experience and optimize energy efficiency. With its integrated light sensor, the display can dynamically adjust its brightness levels based on the surrounding ambient luminosity. This innovative feature ensures optimal visibility and readability under varying lighting conditions, while also minimizing energy consumption. Whether it's bright daylight or dusk, the SMART CITY delivers consistent performance, maintaining clear and vibrant visuals while contributing to a more sustainable urban environment.

EASY INSTALLATION, IDEAL FOR MUNICIPALITIES

The SMART CITY is designed to seamlessly integrate with pre-existing light poles and various other types of poles within urban environments. This turnkey display system offers unparalleled versatility, making it an ideal platform for implementing advertising initiatives without altering the setting of its installation. By leveraging SMART CITY displays, cities can effortlessly enhance

their streetscapes with vibrant visuals, while also offering valuable advertising space and disseminating crucial information to residents and visitors alike. With its sleek design and advanced technology, the SMART CITY LED display represents a key component in the evolution of modern urban landscapes, fostering connectivity, engagement, and innovation.



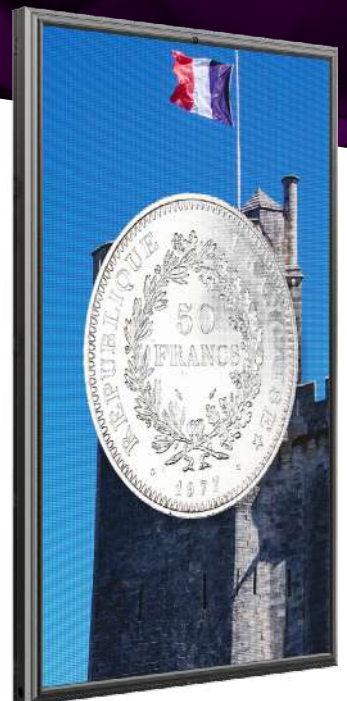


HIGH BRIGHTNESS

The SMART CITY LED display epitomizes the standard for high-brightness displays, ensuring exceptional visibility and clarity in any environment. With a peak brightness reaching up to 6000 NITS, this display stands as a benchmark for outdoor screens, delivering unparalleled performance even in direct sunlight. Additionally, its high contrast ratio, attributed to the black face SMD1515 LED technology, enhances image quality by offering deeper blacks and brighter whites. For those seeking an even higher contrast ratio, an optional full black face LED is available, further enhancing the display's visual impact and ensuring crisp, vivid imagery. Day or night, the SMART CITY display captivates audiences with its remarkable visuals, making it an essential fixture in contemporary urban landscapes.

DOUBLE-SIDED OPTION

The SMART CITY LED display offers versatility to meet diverse urban needs, with the largest version, dubbed SMART CITY L, featuring an additional double-sided option. This feature allows for dual-sided visibility, maximizing advertising potential and information dissemination in high-traffic areas. Whether placed on bustling city streets or in vibrant town squares, the double-sided SMART CITY L ensures maximum impact, engaging audiences from multiple directions simultaneously. With its cutting-edge technology and adaptable design, the SMART CITY L continues to redefine urban advertising and communication strategies, making it an indispensable asset for modern cities striving for connectivity and engagement.





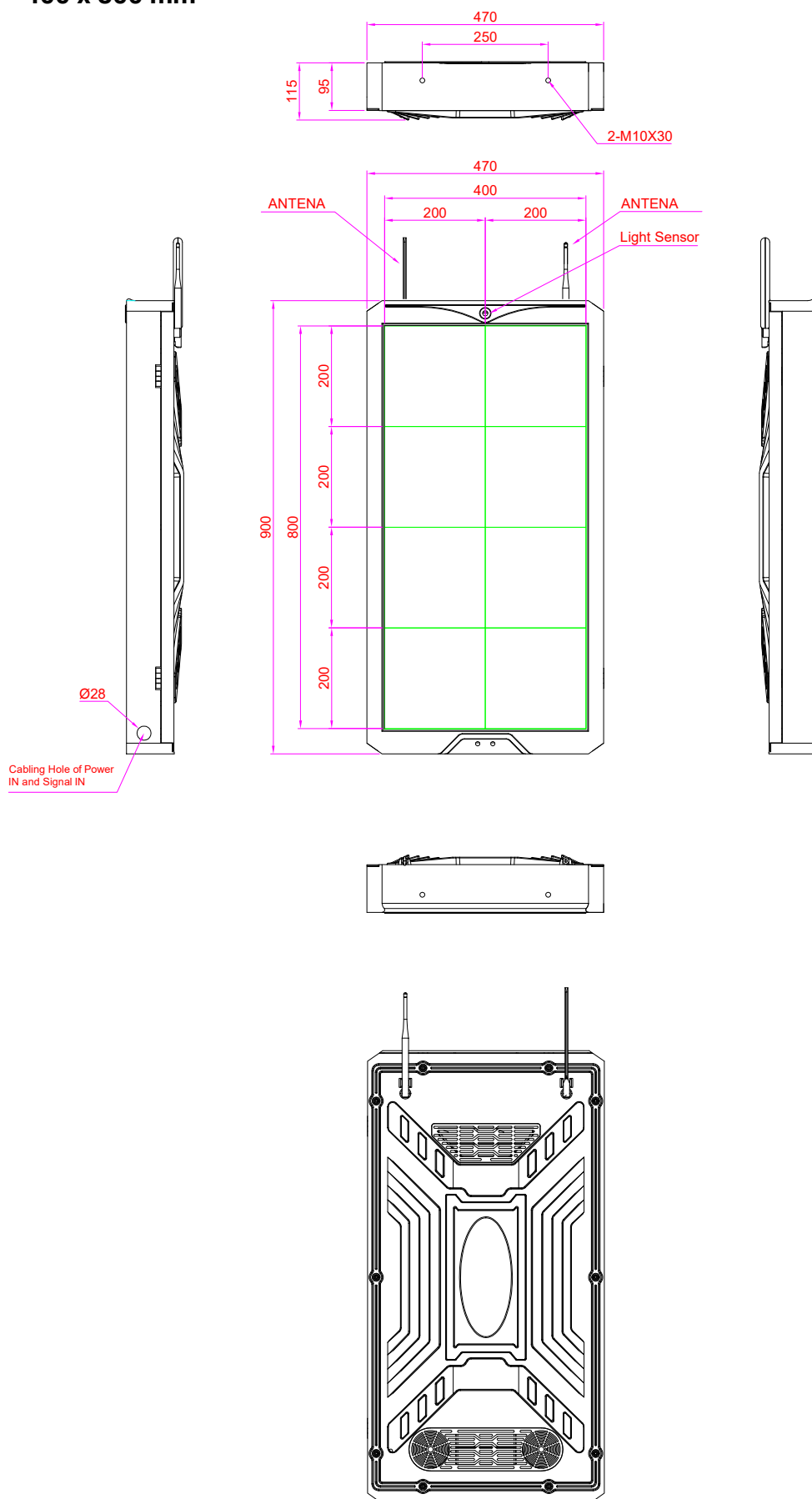
TECHNICAL SPECIFICATIONS

		OUTDOOR		
Product Parameters	Unit	S	M	L
Pixel Pitch	mm	2,56	2,56	2,94
LED		SMD1515 3in1 (Black Face - Full Black Face opt.)		
Application		Outdoor turnkey DOOH display		
Ingress Protection	IP	IP65		
Brightness	cd/m ²	≤ 6000 Nits @5volts		
Color Temperature after calib (adjustable)	deg. K	6500		
Viewing Angle (50% brightness)	deg.	160 H / 160 V		
Device size (WxHxD)	mm	470 x 900 x 115	670 x 1300 x 120	1102 x 1906 x 109
Display area (WxH)	mm	400 x 800	600 x 1200	1000 x 1800
Cabinet size (WxHxD)	mm	No cabinet		
Module size (WxHxD)	mm	200 x 200	200 x 200	200 x 200
Device pixel matrix (WxH)	px	156 x 312	234 x 468	340 x 612
Cabinet pixel matrix (WxH)	px	No cabinet		
Module pixel matrix (WxH)	px	78 x 78	78 x 78	68 x 68
Pixel Density	px/m ²	152100	152100	115600
Weight	kg	18	32	90
Material		Die-casting magnesium		
Maintenance Mode		Back	Back	Front
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	AC100-240V		
Max. Power Consumption	W/m ²	224	504	2520
Average Power Consumption	W/m ²	68	153	830
Control Mode		Synchronization / Asynchronization		
Video Frame Rate	Hz	50/60Hz		
Input Types Supported		RJ45 / USB		
3D ready (optional)		Yes		
Calibration		Yes		
Lifetime (50% brightness)	h	50000		
Operating Humidity Range		10-90%		
Operating Temperature Range		-20°C / +65°C		
Screen Uniformity Correction		-		
Certification		CE / ROHS		
Available options		-		
Compatibility		-		



TECHNICAL DRAWINGS 1/3

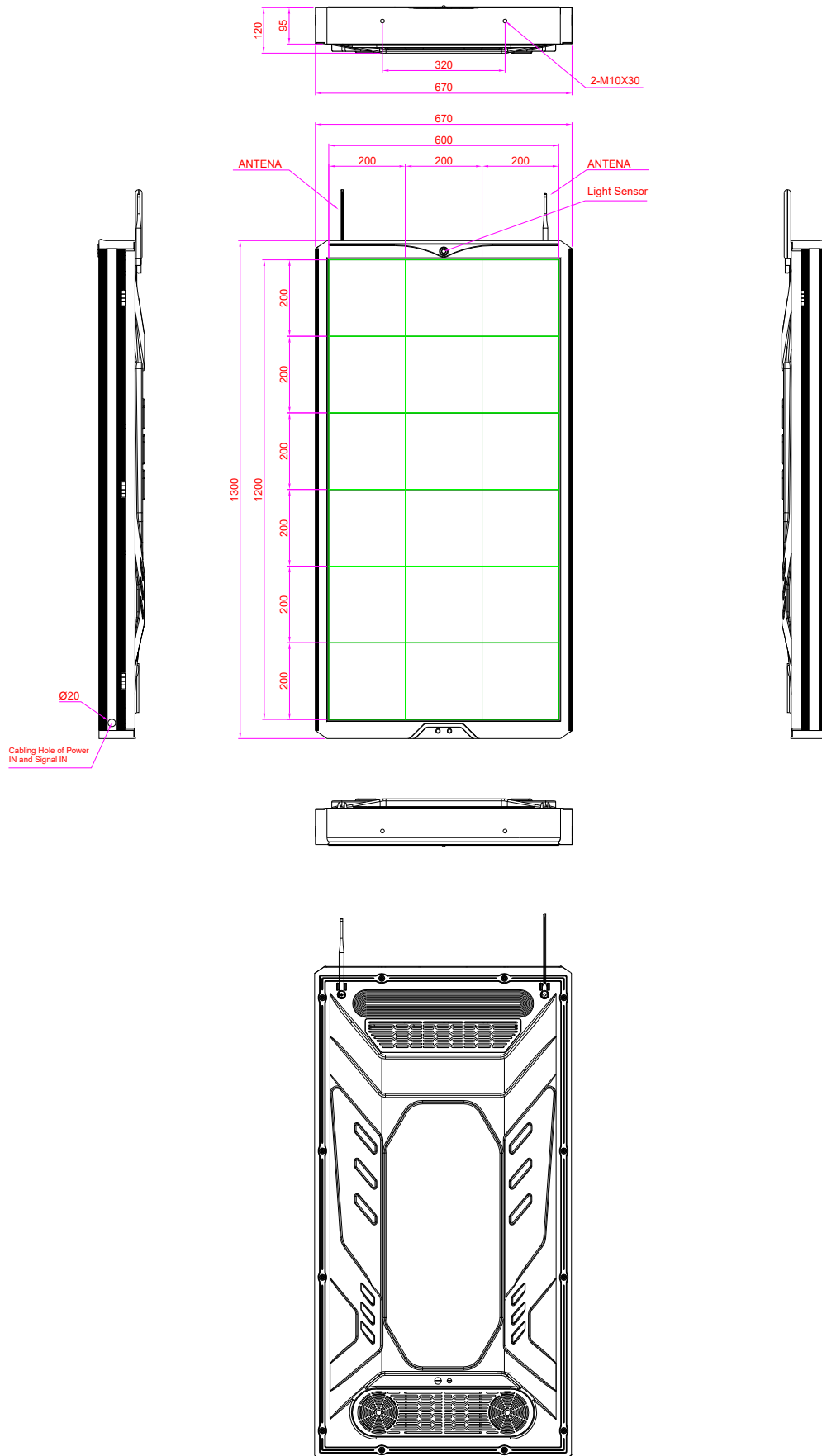
400 x 800 mm





TECHNICAL DRAWINGS 2/3

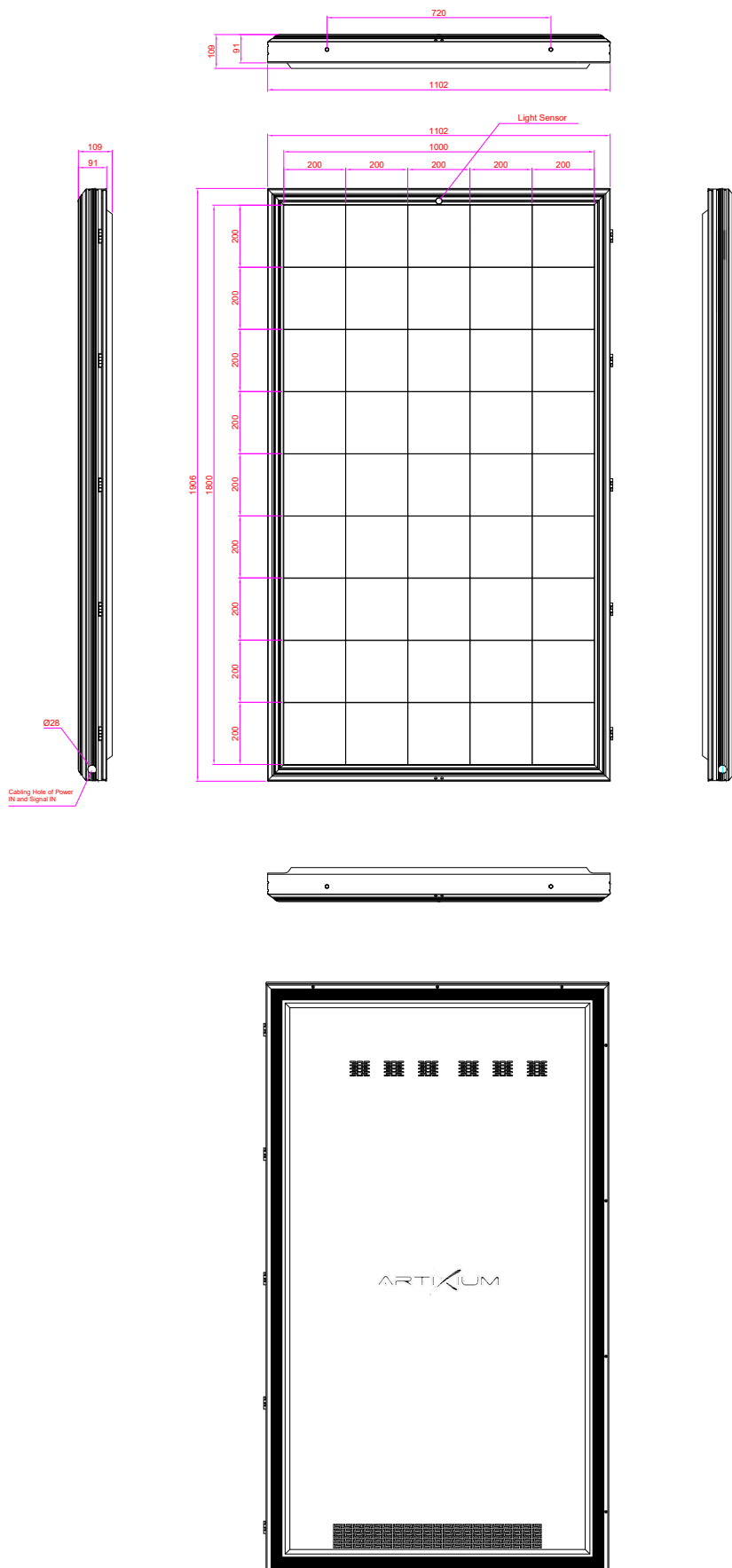
600 x 1200 mm





TECHNICAL DRAWINGS 3/3

1000 x 1800 mm





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