

FLEX Series

FLEX and Creative LED Display for Indoor / Outdoor

Flexible displays possess an extremely strong flexibility and can be bent and folded at large angles, thereby being capable of meeting the requirements of scenarios with curved or irregular shapes. They are extensively applied in banks, stock markets, railway stations, docks, airports, shopping malls, hospitals, hotels, and construction markets. Moreover, the display images on flexible screens are vivid in color and have a strong three-dimensional effect.

Brochure

Product Video

Installation Video

Contact

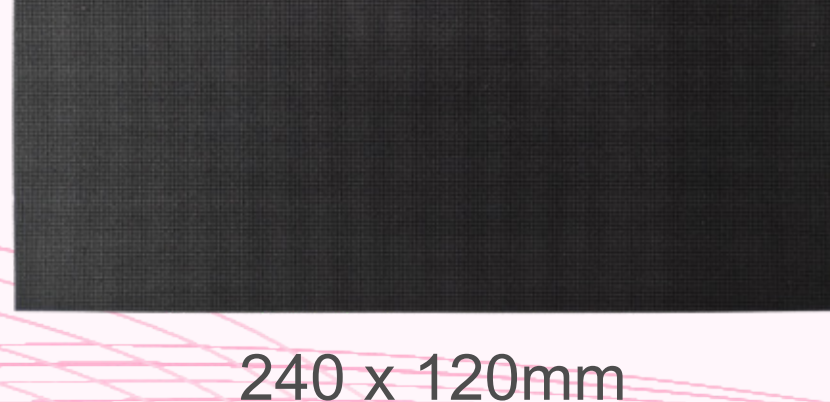
Module Size

The flexible module has the unified module size and can be arbitrarily spliced with circles of different shapes and curvatures.

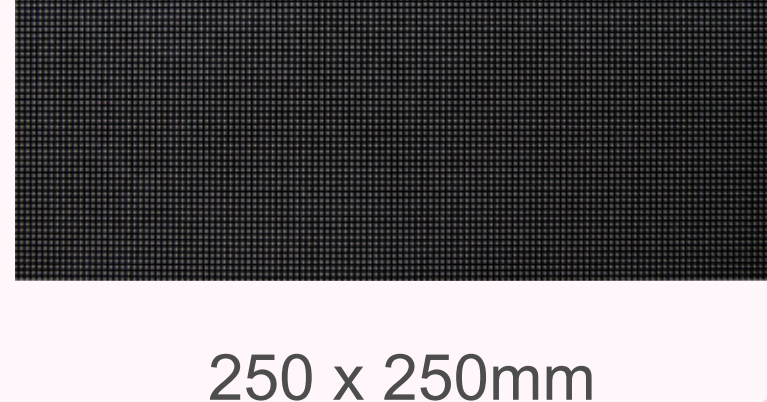
For Outdoor Flex: 320x160mm

For Indoor Flex: 320 x 160mm / 240 x 120mm / 256 x 128mm / 250 x 250mm

320 x 160mm



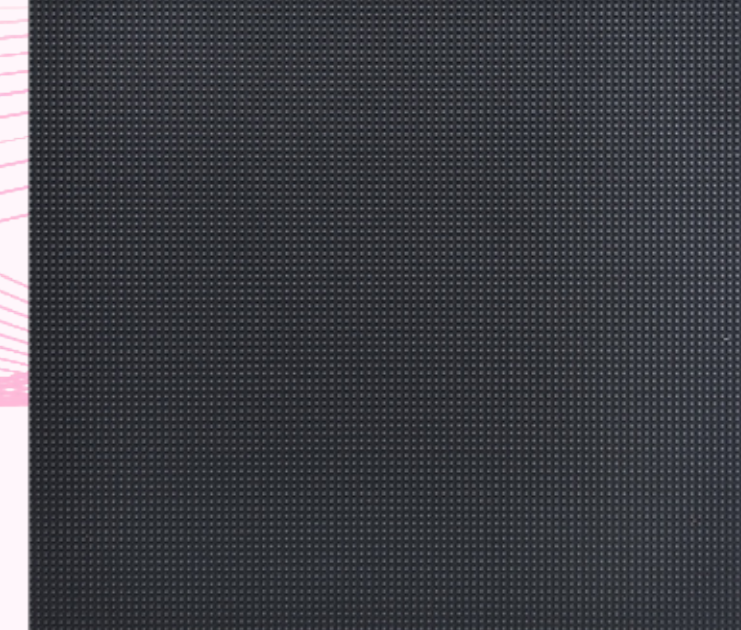
256 x 128mm



240 x 120mm



250 x 250mm

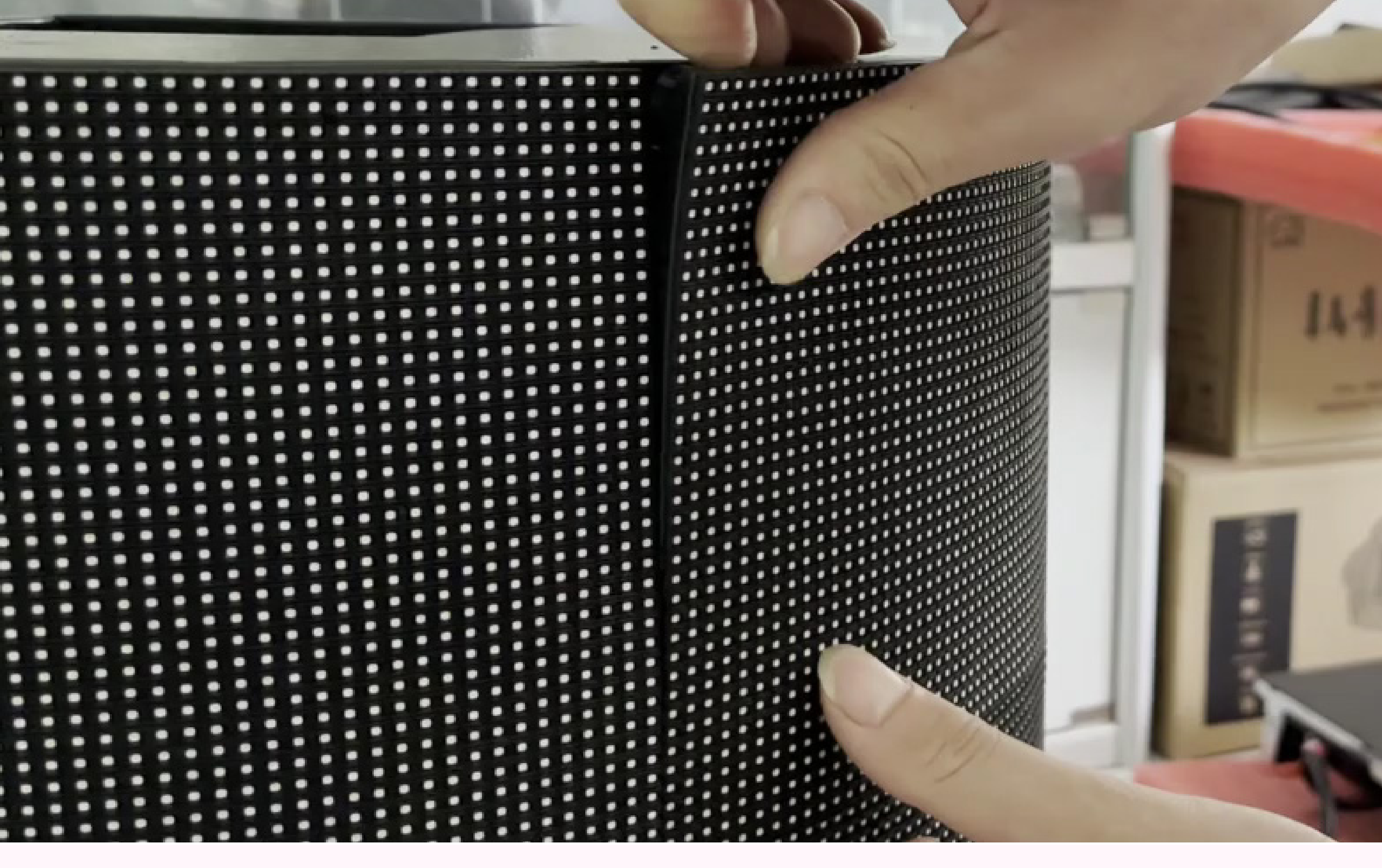
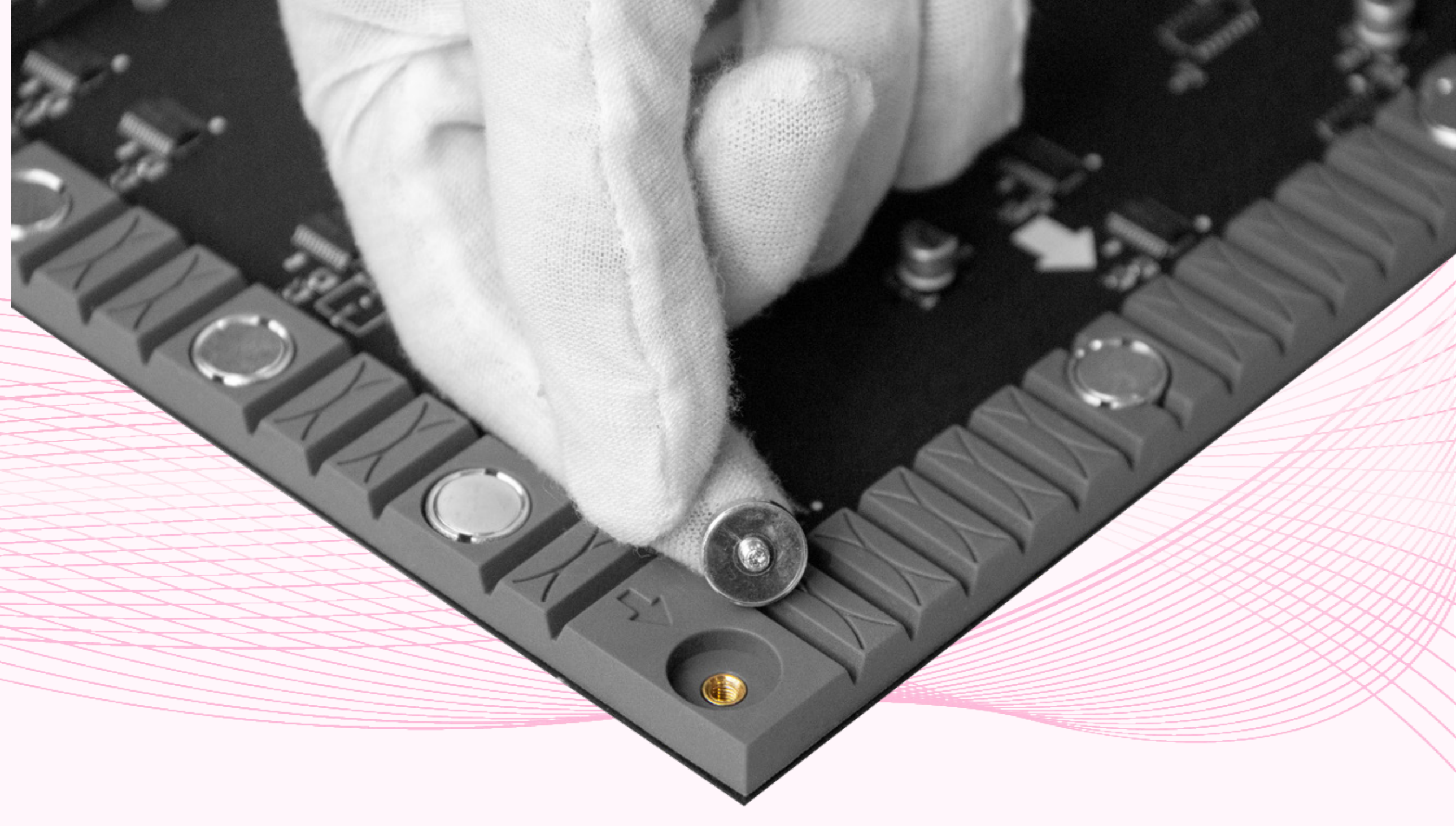


High Resolution Modules

A wide range of pitch options allows for high resolution video playback as well as creative architectural displays. Indoor: P1.25 / 1.29 / 1.56 / 1.86 / 2 / 2.5 / 3 / 4 Outdoor: P3 / P4

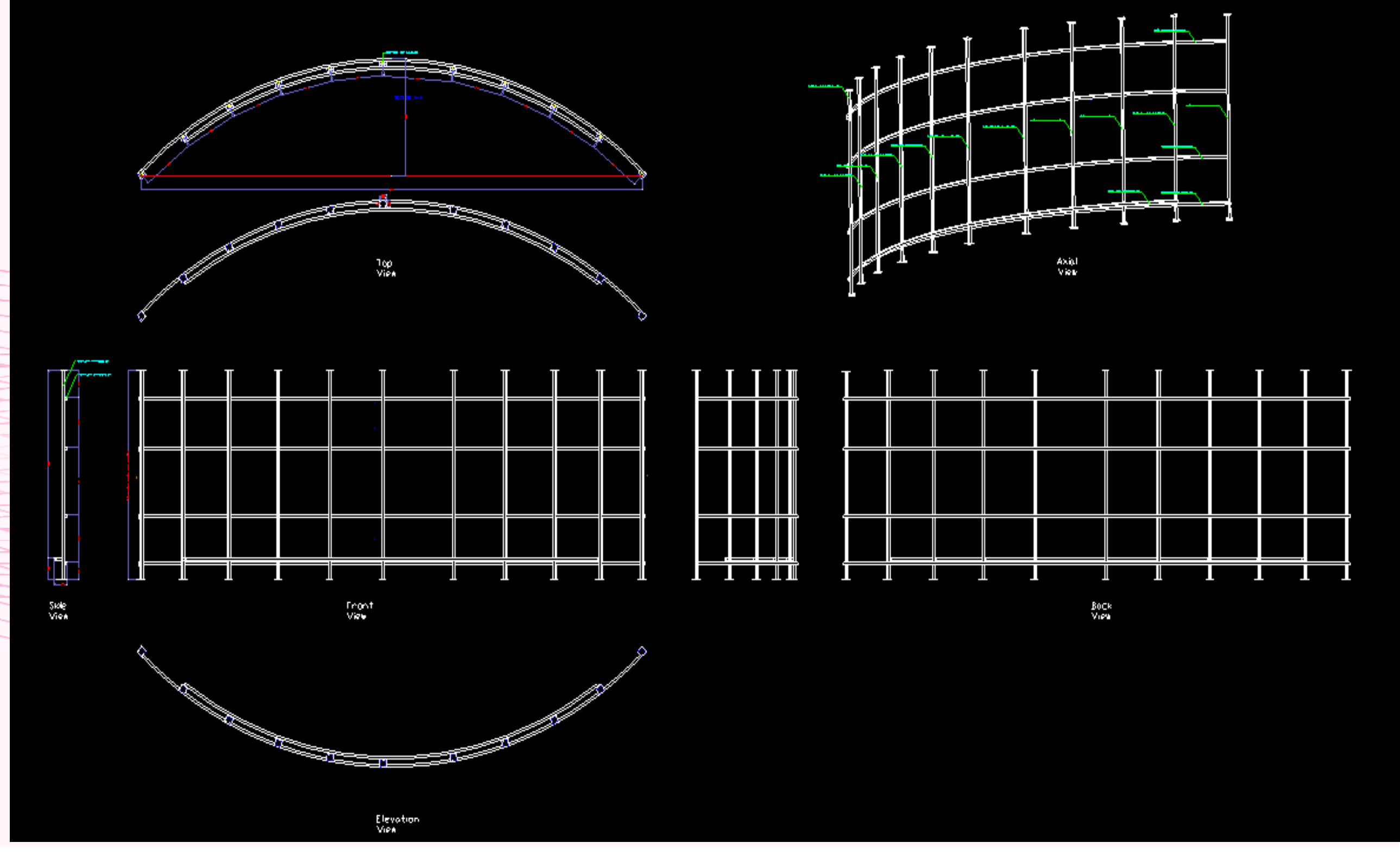
Advanced Magnetic Connection System

The magnetic mount and fixed screw ports allow it to be attached to nearly any metal surface or LED video design.



Free Flexible Design Make Various Shapes

High processability, our engineers can provide professional CAD drawings and guidance according to customer needs. Module solution or full screen solution are both available.

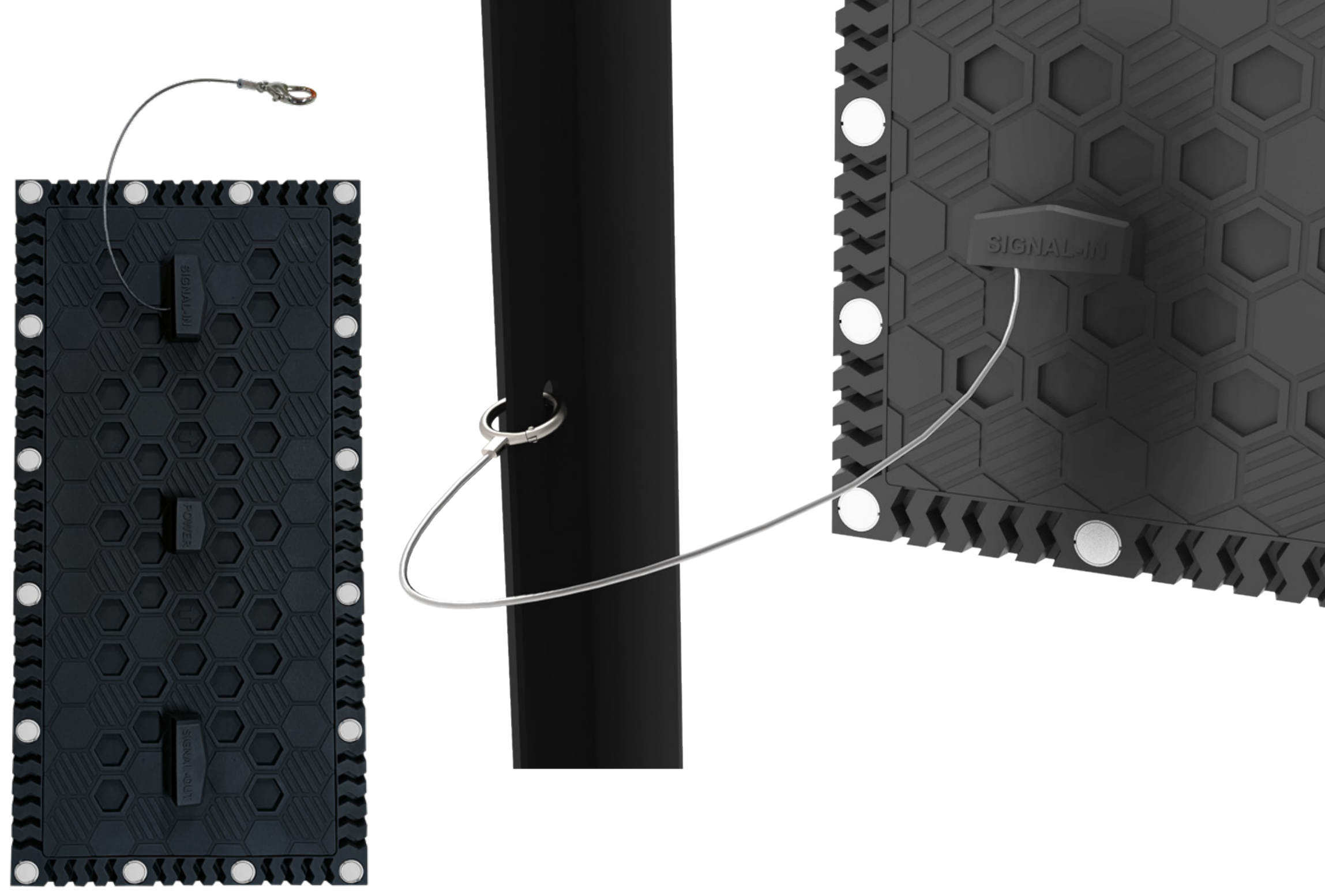


Customized Frames

FLEX modules can be attached to virtually any surface via magnets, the specific framing structure is designed and manufactured to accomplish your unique design and shape.

Waterproof Rate IP65

The bottom shell of outdoor FLEX design is molded with three sides waterproof, the bottom is hollowed out, special waterproof design of the back interface improves safety. The front and back waterproof processes meet the IP65 waterproof level requirements.

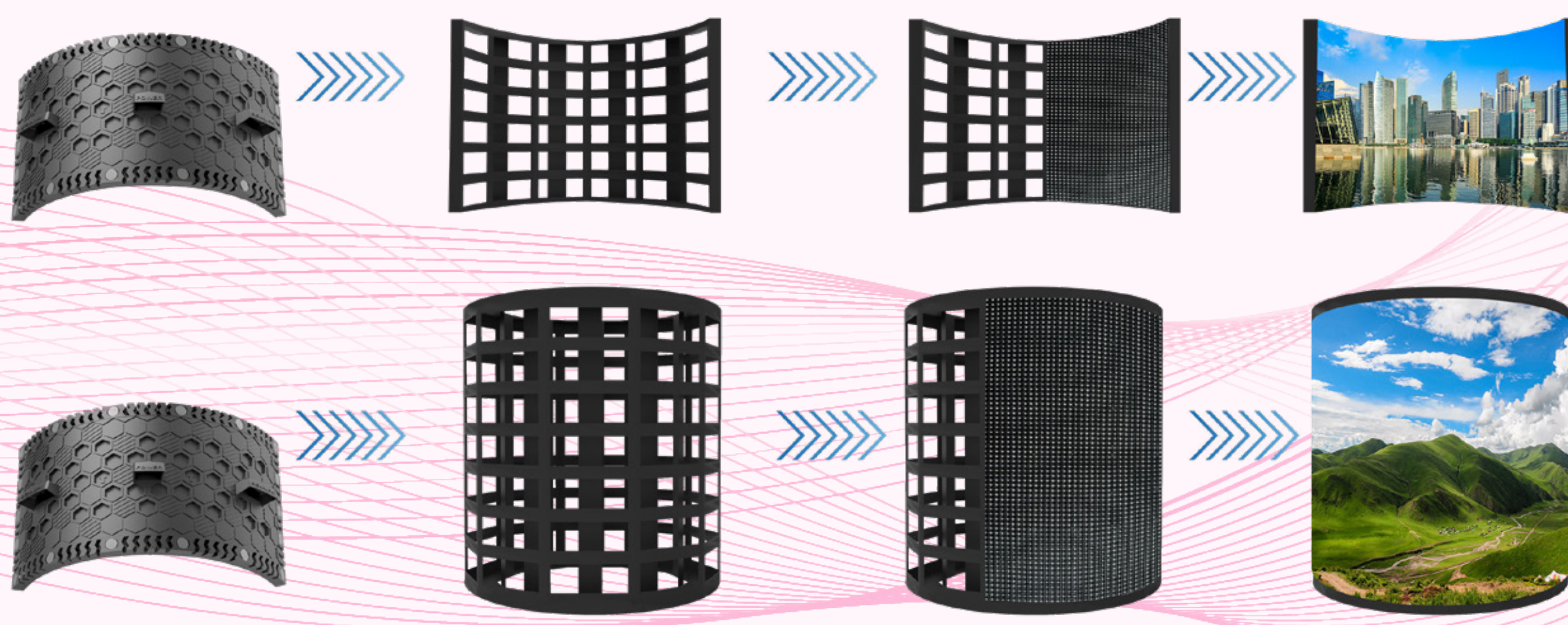


Special Design for Outdoor Flex

The anti-fall safety rope is used in combination with the reinforced magnet to provide an extra layer of safety protection to prevent the module from falling due to strong winds or high-altitude installation operations.

Customized Installation Instructions

Module --Cabinet / Structure -- Modules installed in the cabinet / Cabinet fixed to the structure -- Screen Complete Installation / Playback.



Parameters

Model	FLEX1.25	FLEX1.29	FLEX1.56	FLEX1.86	FLEX2	FLEX2.5	FLEX3	FLEX4
Pixel Pitch(mm)	1.25	1.29	1.56	1.86	2	2.5	3	4
Pixel Matrix Per Sqm.	640000	600625	406210	288906	250000	160000	105625	62500
Pixel Configuration	TOP1010	CHIP1010	SMD1515	SMD1515	SMD1515	SMD1515	SMD1515	SMD2121
Brightness (nits)	≤1000	≤1000	≤1000	≤1000	≤1000	≤1000	≤1000	≤1000
Scan	1/64	1/62	1/43	1/43	1/40	1/32	1/26	1/20
Module Dimension	320x160mm / 240x120mm	320x160mm	320x160mm / 240x120mm	320x160mm / 240x120mm	320x160mm / 240x120mm	320x160mm / 240x120mm	320x160mm / 240x120mm	320x160mm / 240x120mm
Module Material	"Silicon Rubber Soft Bracket"	"Silicon Rubber Soft Bracket"	"Silicon Rubber Soft Bracket"	"Silicon Rubber Soft Bracket"	"Silicon Rubber Soft Bracket"	"Silicon Rubber Soft Bracket"	"Silicon Rubber Soft Bracket"	"Silicon Rubber Soft Bracket"
Module Weight	0.215kg/pc	0.203kg/pc	0.195kg/pc	0.216kg/pc	0.205kg/pc	0.175kg/pc	0.175kg/pc	0.17kg/pc
Power Con. (W/sqm.)	"Max. 1000W/Avg.340W"	"Max. 1000W/Avg.340W"	"Max. 800W/Avg.270W"	"Max. 800W/Avg.270W"	"Max. 800W/Avg.270W"	"Max. 800W/Avg.270W"	"Max. 800W/Avg.270W"	"Max. 800W/Avg.270W"
Service Access	Full Front Access	Full Front Access	Full Front Access	Full Front Access	Full Front Access	Full Front Access	Full Front Access	Full Front Access
Refresh Rate (Hz)	≥3840	≥3840	≥3840	≥3840	≥3840	≥3840	≥1920	≥1920
Grey Scale (bit)	14	14	14	14	14	14	14	14
Contrast Ratio	10000 : 1	10000 : 1	10000 : 1	10000 : 1	10000 : 1	10000 : 1	10000 : 1	10000 : 1
Viewing Angle (H / V)	140° / 140°	140° / 140°	140° / 140°	140° / 140°	140° / 140°	140° / 140°	140° / 140°	140° / 140°
IP Rate	IP45	IP45	IP45	IP45	IP45	IP45	IP45	IP45
Operation Temperature	-10℃ ~ +50℃	-10℃ ~ +50℃	-10℃ ~ +50℃	-10℃ ~ +50℃	-10℃ ~ +50℃	-10℃ ~ +50℃	-10℃ ~ +50℃	-10℃ ~ +50℃
Input Voltage (AC)	AC90-264V, 47-63Hz	AC90-264V, 47-63Hz	AC90-264V, 47-63Hz	AC90-264V, 47-63Hz	AC90-264V, 47-63Hz	AC90-264V, 47-63Hz	AC90-264V, 47-63Hz	AC90-264V, 47-63Hz

* Specifications and photos are subject to change without prior notice.

Model	FLEX3-OUTDOOR	FLEX4-OUTDOOR
Pixel Pitch(mm)	3	4
Pixel Matrix Per Sq.m	105625	62500
Pixel Configuration	SMD1415	SMD1921
Brightness (nits)	≥5000	≥5000
Scan	1/13	1/10
Module Dimension	320x160mm	320x160mm
Module Material	"Silicon Rubber Soft Bracket"	"Silicon Rubber Soft Bracket"
Module Weight	0.61kg/pc	0.6kg/pc
Power Con. (W/sqm.)	"Max. 590W / Avg. 168W"	"Max. 600W / Avg. 170W"
Service Access	Full Front Access	Full Front Access
Refresh Rate (Hz)	≥3840	≥3840
Grey Scale (bit)	12	12
Contrast Ratio	10000 : 1	10000 : 1
Viewing Angle (H / V)	140° / 120°	140° / 120°
IP Rate	IP65	IP65
Operation Temperature	-20℃ ~ +50℃	-20℃ ~ +50℃
Input Voltage (AC)	AC90-264V, 47-63Hz	AC90-264V, 47-63Hz

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