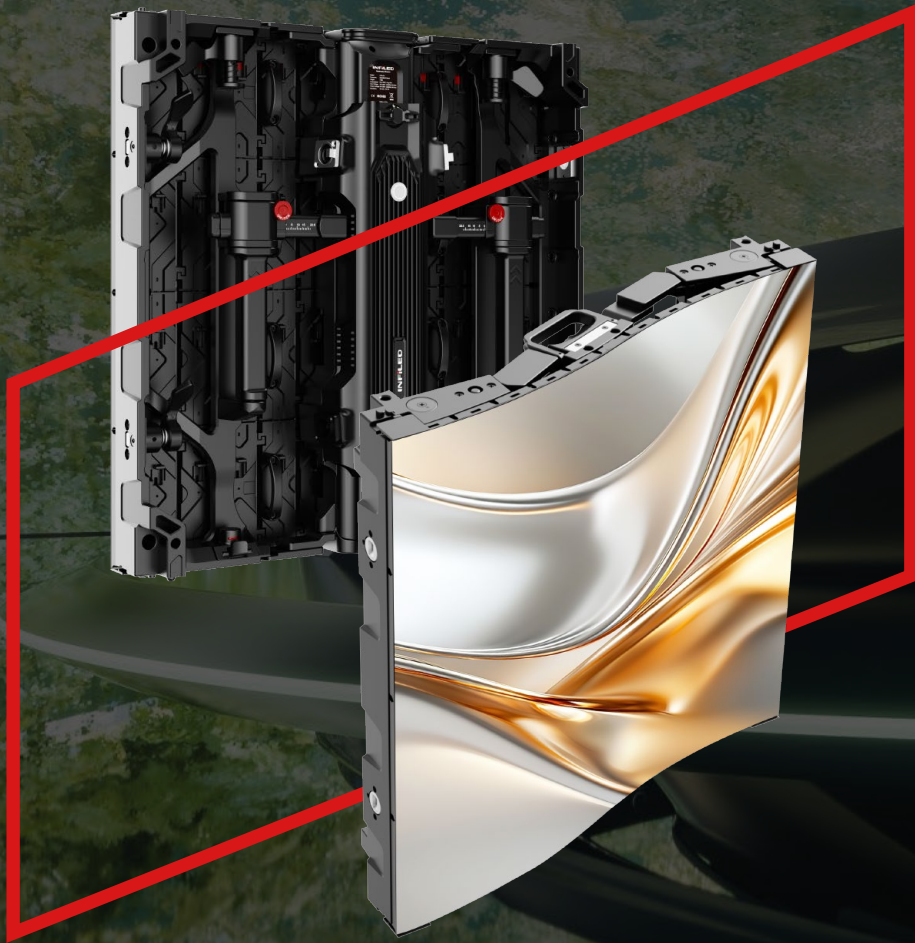


INFiLED

Screen your dreams



Xmk3

S E R I E S

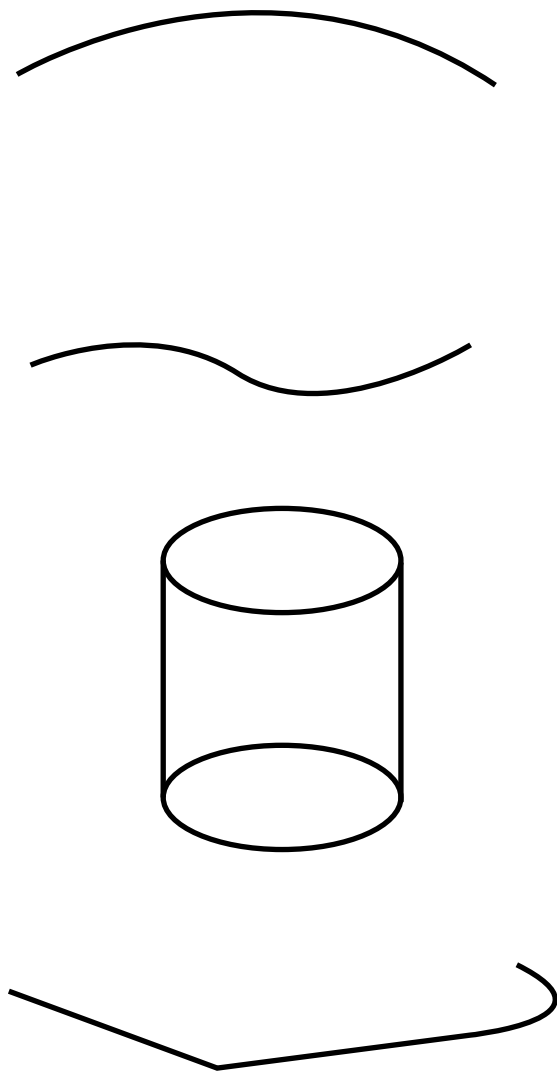
Ultra-flexible curved display for indoor and outdoor creativity

CONCERT | EXHIBITION | XR/VP

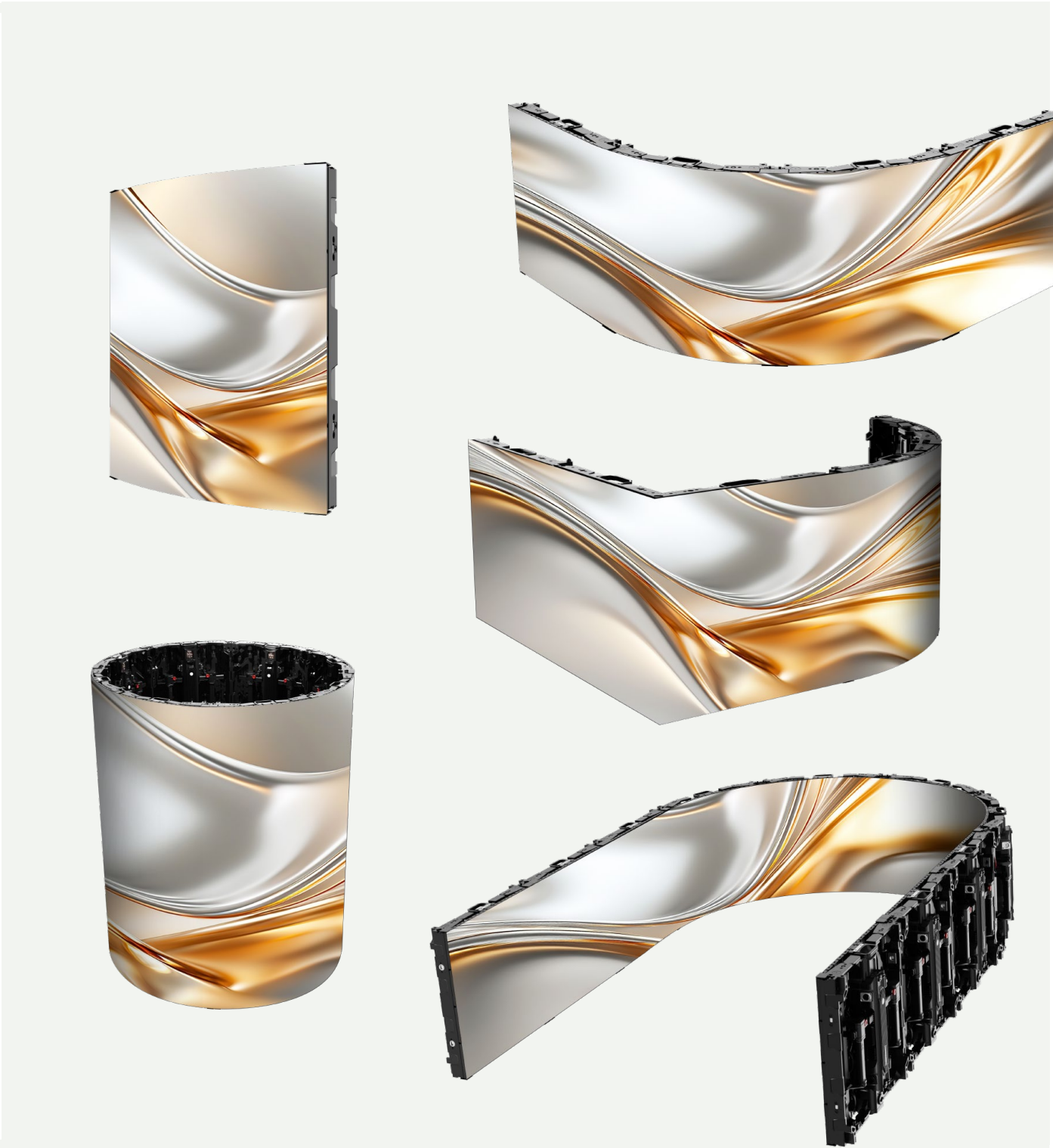
XMK3 BRINGS CREATIVE GEOMETRY TO LIFE

Designed for both indoor and outdoor use, Xmk3 brings imagination into form. Its precise curvature control - $\pm 45^\circ$ for indoor and $\pm 30^\circ$ for outdoor configurations - allows you to build flat, wave, arc or cylindrical displays with seamless continuity. Ideal for xR studios, exhibitions, touring stages, and large-scale outdoor installations.

- ◆ **Concave & Convex Arcs**
Create clean concave or convex screens with continuous alignment, preserving flawless surface flatness across long runs.
- ◆ **Seamless Wave Design**
Shape smooth and elegant wave walls with consistent alignment and visual depth.
- ◆ **Cylindrical Display Setup**
Connect cabinets at 45° or 30° to build a perfect cylindrical screen for immersive and panoramic viewing.
- ◆ **Creative Hybrid Configurations**
Combine with the MC series to blend curves and right angles, unlocking limitless geometric possibilities and dynamic spatial effects.

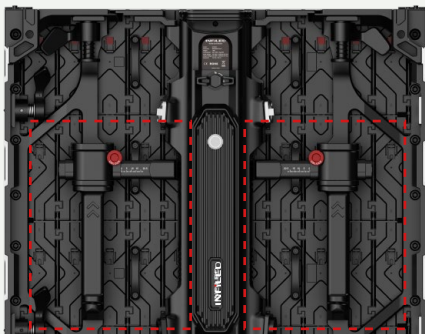


Note: The outdoor version of Xmk3 supports $\pm 45^\circ$ customization.



THOUGHTFUL DESIGN ELEMENTS ENHANCE THE EFFICIENCY OF THE SCREEN INSTALLATION.

Every part of Xmk3's design serves one purpose: faster setup, precise alignment, and safer handling. Each cabinet is built with intuitive mechanical details that simplify curvature adjustment, ensure structural precision and protect the LEDs throughout the process.



◆ **Curvature Adjustment Buttons**
Press both rear buttons and pull gently to set the desired curve - up to $\pm 45^\circ$ for indoor or $\pm 30^\circ$ for outdoor configurations.



◆ **Alignment Pins**
After connection, push the alignment pins upward to ensure a tight fit and keep the screen surface flat.

◆ **Magnetic Connection System**
Magnetic components and positioning columns pull upper and lower cabinets into alignment, making connection quick and repeatable.

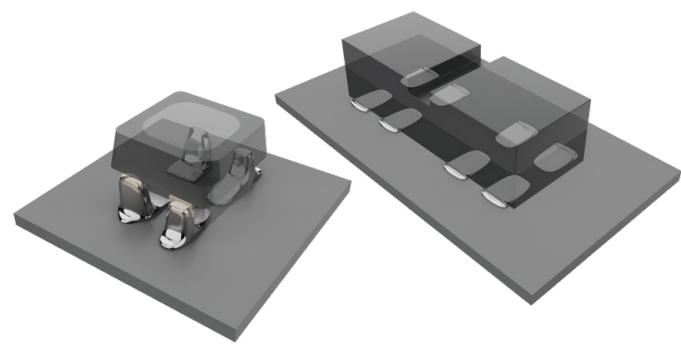


◆ **Collision Cushion Gaskets**
Soft gaskets placed slightly above each LED corner make first contact in case of impact, absorbing pressure and preventing pixel damage during installation or transport.



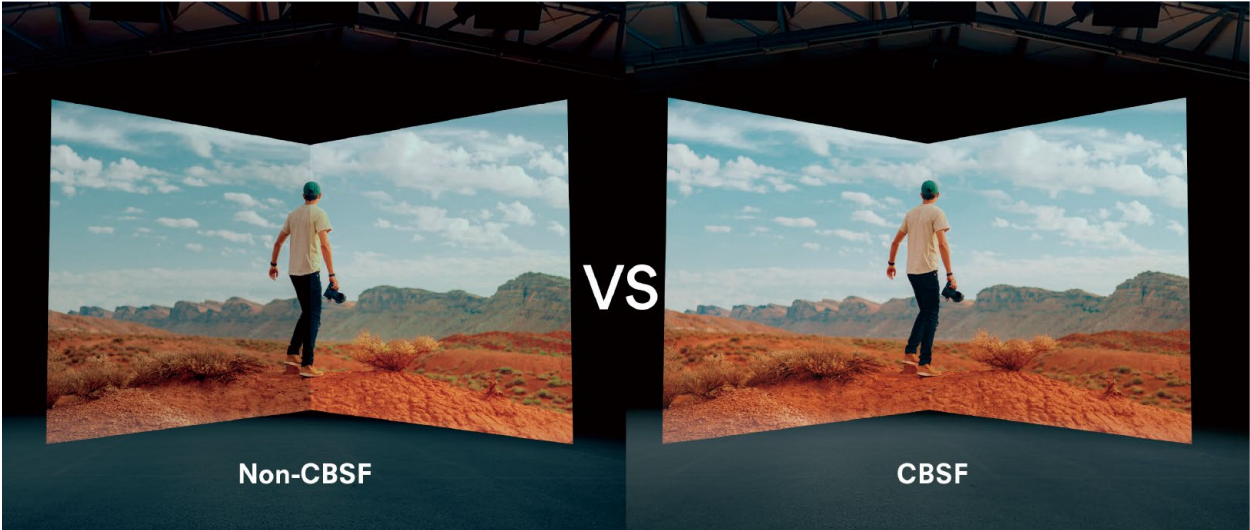
TECHNOLOGY - ENGINEERED TO PERFORM IN EVERY CONDITION.

Xmk3 unites INFiLED's core technologies in optical precision, structural reinforcement and surface protection. From CBSF, ArmorLED to SolidSkin and full encapsulation, every innovation works together to secure lasting durability and flawless visual consistency, forming the foundation for Xmk3's advanced performance.

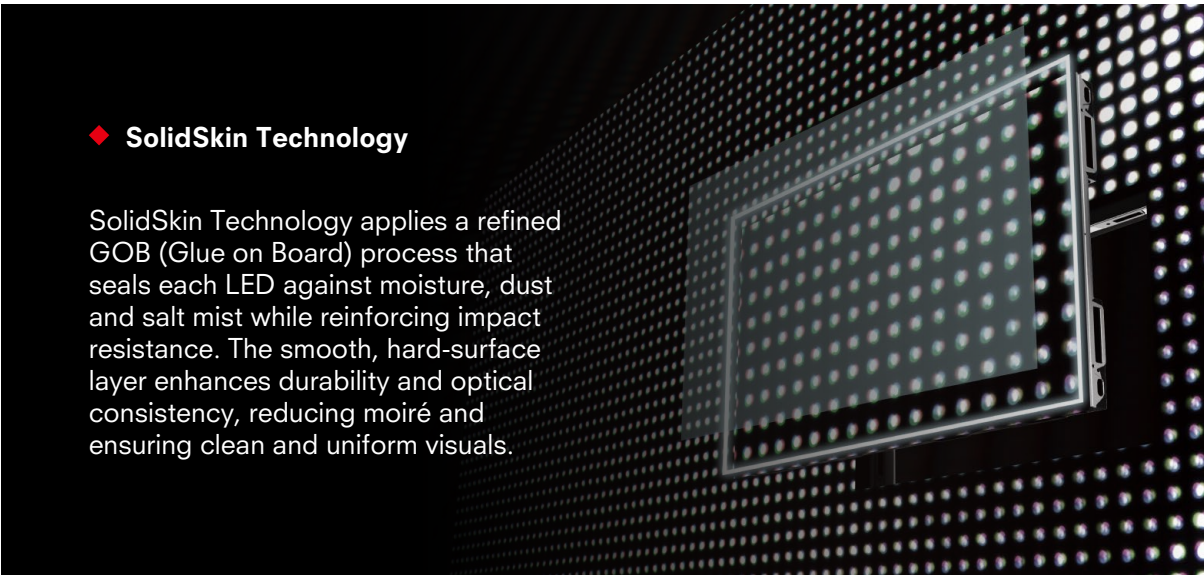


Conventional 4-pin design 8-pin design

◆ **ArmorLED Technology**
The 8-pin LED configuration, combined with a refined PCB layout and GOE craft, improves LED adhesion and impact resistance by 4-10 times. This structural enhancement greatly reduces the risk of damage during transportation or use, ensuring long-term reliability in frequent setup conditions.



◆ **CBSF Technology**
CBSF (Color & Brightness Shift Free) technology, specially designed for xR/VP applications, maintains consistent color temperature and brightness across a 160° wide viewing angle. The M2 chip with five-sided chip-type LED emission eliminates reflective spots and moiré patterns, keeping colors vivid and accurate from every viewing position.



◆ **SolidSkin Technology**
SolidSkin Technology applies a refined GOB (Glue on Board) process that seals each LED against moisture, dust and salt mist while reinforcing impact resistance. The smooth, hard-surface layer enhances durability and optical consistency, reducing moiré and ensuring clean and uniform visuals.



◆ **Full Encapsulation Protection for Outdoor Version**
The outdoor version of Xmk3 features full encapsulation and is IP65-rated, ensuring reliable operation in demanding outdoor environments.

EXCEPTIONAL COLOUR QUALITY CREATES AN UNFORGETTABLE VISUAL EXPERIENCE.

Xmk3 presents visuals of remarkable clarity and balance, delivering consistent image performance across indoor and outdoor applications.



- Its 16-bit grayscale captures subtle gradients and natural color transitions, revealing fine detail even in low-light scenes.



- A contrast ratio of up to 10,000:1 (outdoor) and 1,200:1 (indoor) enhances depth and definition, producing more vivid highlights.
- With a 7,680 Hz refresh rate, motion remains smooth and flicker-free, ideal for live and camera-based production.

TWO INSTALLATION METHODS FOR OPTIMAL VIEWING AND USABILITY.

Xmk3 enables fast, reliable installation for rental and production use. Its magnesium-alloy frame resists torsion and deformation through repeated setups, preserving structural precision over time.



◆ Stacking Installation

Cabinets can be stacked, reaching a maximum height of 9 meters.

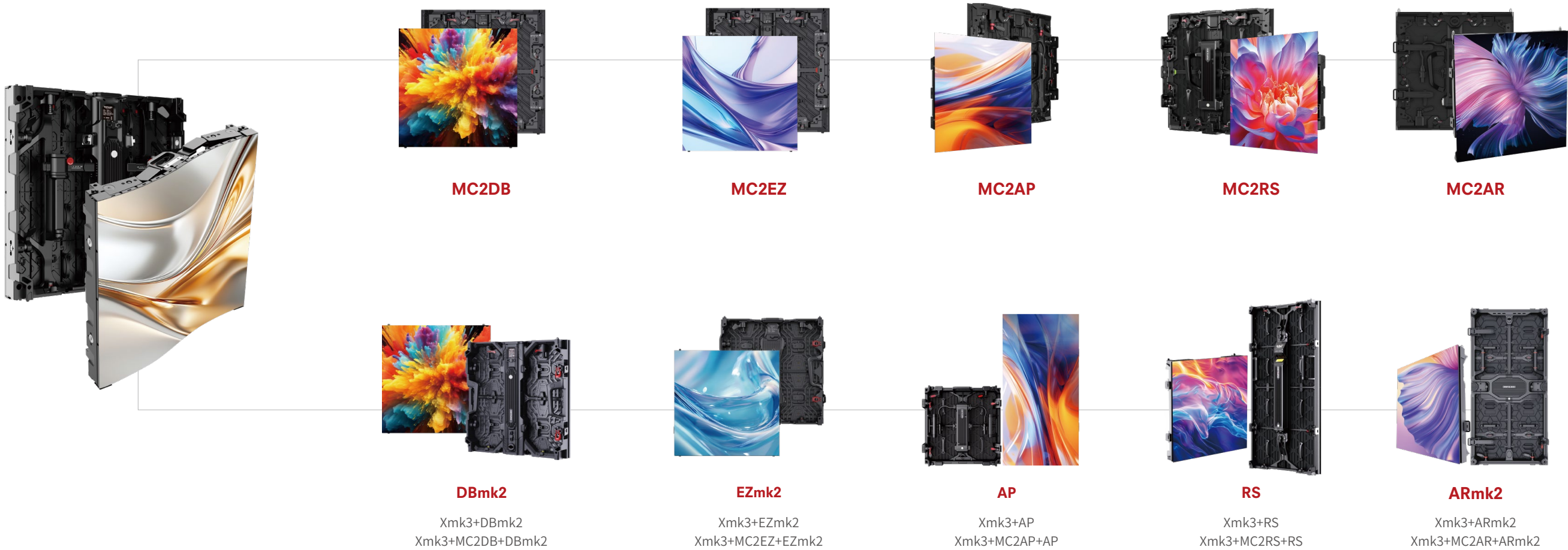


◆ Hanging Installation

Cabinets can be hung, reaching a maximum height of 9 meters.

AN OPEN SYSTEM FOR CREATIVE FREEDOM

Xmk3 extends beyond a single product, and it's part of INFiLED's unified creative ecosystem. The design follows a shared platform logic that allows cross-series integration with other INFiLED rental series, enabling mix cabinets freely across multiple formats. This flexibility supports hybrid screen setups combining curves, angles and cubes within one coherent system.

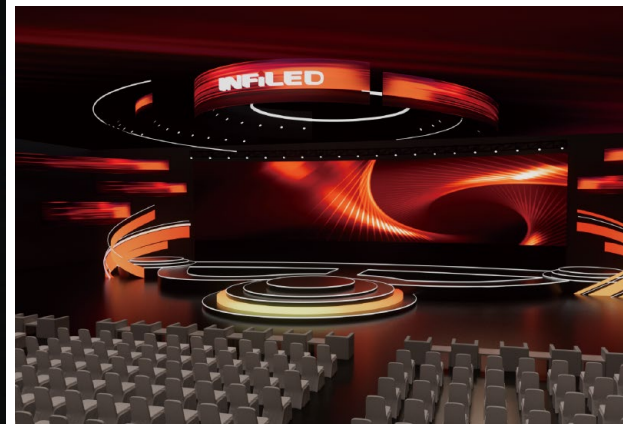
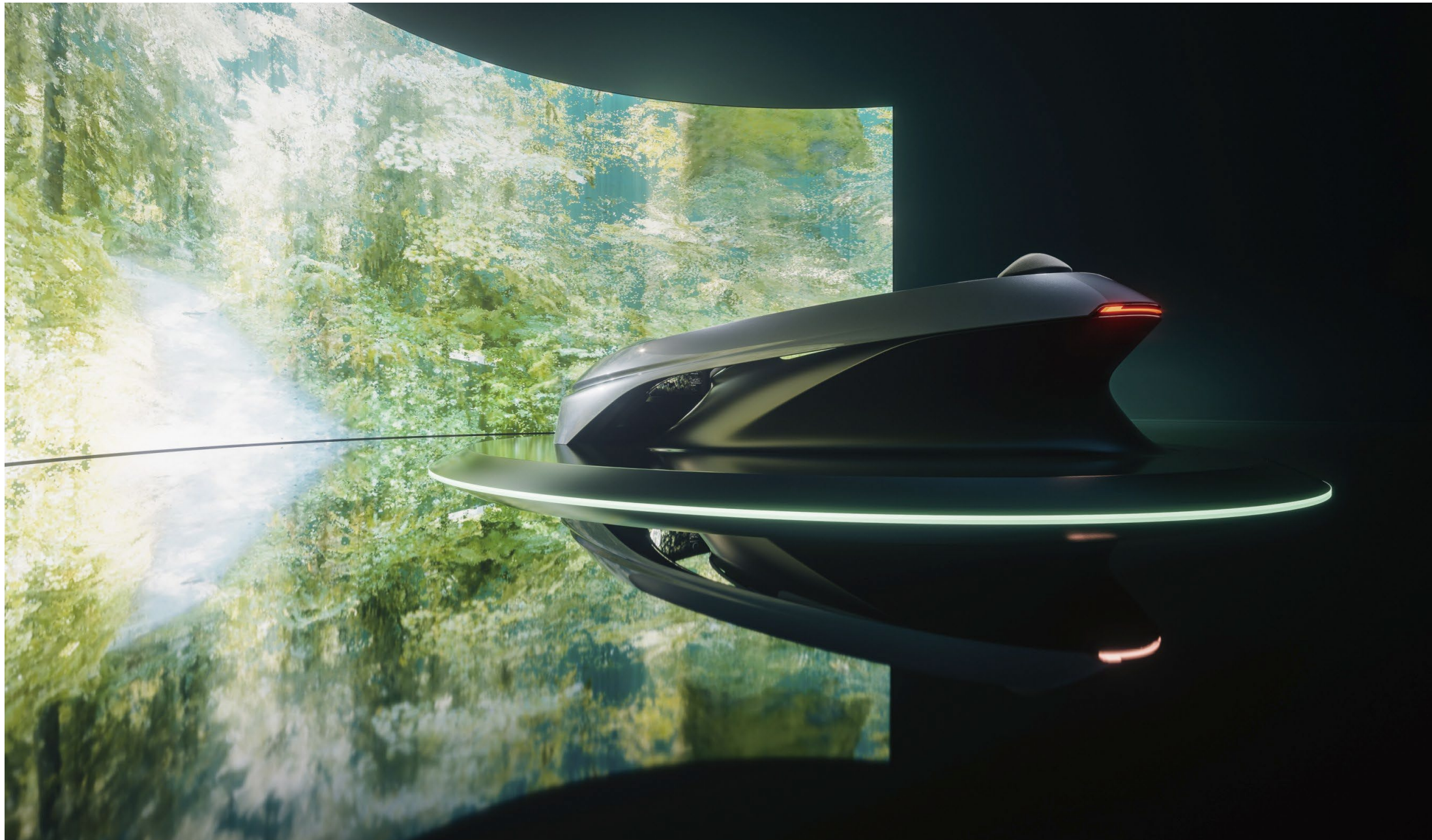


Note: Compatibility Details

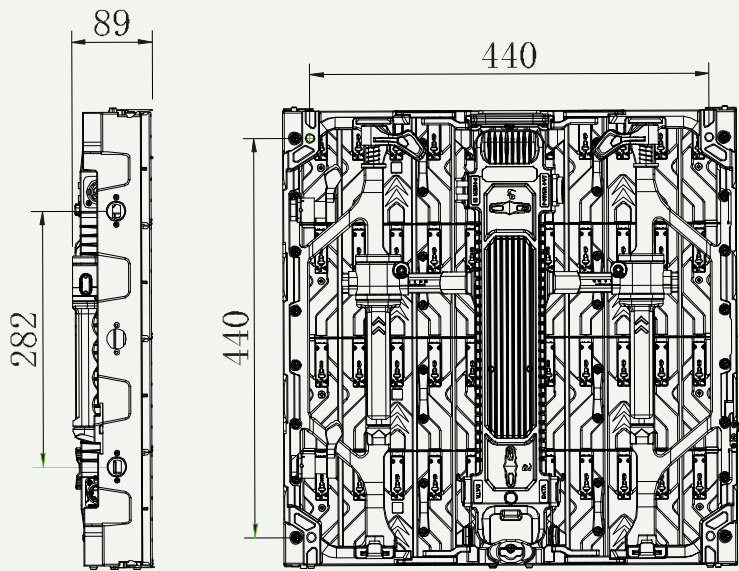
- Indoor Xmk3 with AP / MC2AP (custom edge beam needed)
- Outdoor Xmk3 with RS 250×500 (custom edge beam needed)
- Outdoor Xmk3 with MC2AR (buckle or edge beam needed)
- Outdoor Xmk3 with ARmk2, both available in Clip-on mask version

SHAPING EVERY SCENE, INDOORS AND OUTDOORS

From immersive xR studios and broadcast sets to concerts, festivals, exhibitions and outdoor shows, the Xmk3 Series brings flexible form and high-precision performance to any production scale.



SPECIFICATIONS



Xmk3 Specification

OUTDOOR			
General Information	Model Number	IL-RSS-ORX3.9mk3-Turbo	
	Pixel Pitch	3.91mm	
Physical Parameter	Physical Density	65,536 pixel/m²	
	LED Arrangement	3 IN 1 SMD	
	Module Dimensions	500 x 125 mm (19.69 x 4.92 in)	
	Module Resolution	128 x 32 pixels	
	Cabinet Dimensions	500 x 500 x 89 mm (19.69 x 19.69 x 3.50 in)	
	Cabinet Resolution	128 x 128 pixels	
	Cabinet Weight	8.1 kg (18.30 lb)	
	Angle Adjuster	-30° ~ +30°	
Optical Parameter	Brightness	4000 nits	
	Viewing Angle	160°/150°	
Power Supply	Max Power Consumption	180 W/Panel	
	Avg Power Consumption	60 W/Panel	
	Operating Power Source	100-240V AC, 50/60Hz	
Control System	Refresh Rate	7680Hz	
	Signal Input Source	DVI, HDMI, DP, SDI	
Operation Conditions	Operating Temperature	-20°C ~ +50°C	
	IP Rating (Front/Rear)	IP65	
	Certification	CE, FCC, ETL, RoHS, REACH	

The product specifications can be customized.

INDOOR			
General Information	Model Number	IL-RSS-IRX1.56M2mk3	IL-RSS-IRX1.95M2mk3
	Pixel Pitch	1.56mm	1.95mm
Physical Parameter	Physical Density	409,600 pixel/m²	262,144 pixel/m²
	LED Arrangement	IMD 2 in 1	IMD 2in1
	Module Dimensions	500 x 125 mm (19.69 x 4.92 in)	500 x 125 mm (19.69 x 4.92 in)
	Module Resolution	320 x 80 pixels	256 x 64 pixels
	Cabinet Dimensions	500 x 500 x 96.5 mm(19.69 x 19.69 x 3.80 in)	500 x 500 x 96.5 mm(19.69 x 19.69 x 3.80 in)
	Cabinet Resolution	320 x 320 pixels	256 x 256 pixels
	Cabinet Weight	7.7kg(16.98lb)	7.7kg(16.98lb)
	Angle Adjuster	-45° ~ +45°	-45° ~ +45°
Optical Parameter	Brightness	1200nits	1000nits
	Viewing Angle	160°/160°	160°/160°
Power Supply	Max Power Consumption	150 W/Panel	150 W/Panel
	Avg Power Consumption	50 W/Panel	50 W/Panel
	Operating Power Source	100-240V AC, 50/60Hz	100-240V AC, 50/60Hz
Control System	Refresh Rate	7680Hz	7680Hz
	Signal Input Source	DVI, HDMI, DP, SDI	DVI, HDMI, DP, SDI
Operation Conditions	Operating Temperature	-10°C~+45°C	-10°C~+45°C
	IP Rating (Front/Rear)	IP30	IP30
	Certification	CE, FCC, ETL, RoHS, REACH	CE, FCC, ETL, RoHS, REACH

General Information	Model Number	IL-RSS-IRX2.6M2mk3	IL-RSS-IRX3.9mk3
	Pixel Pitch	2.6mm	3.9mm
Physical Parameter	Physical Density	147,456 pixel/m²	65,536 pixel/m²
	LED Arrangement	IMD 2 in 1	3 IN 1 SMD
	Module Dimensions	500 x 125 mm (19.69 x 4.92 in)	500 x 125 mm (19.69 x 4.92 in)
	Module Resolution	192 x 48 pixels	128 x 32 pixels
	Cabinet Dimensions	500 x 500 x 96.5 mm(19.69 x 19.69 x 3.80 in)	500 x 500 x 96.5 mm(19.69 x 19.69 x 3.80 in)
	Cabinet Resolution	192 x 192 pixels	128 x 128 pixels
	Cabinet Weight	7.7kg(16.98lb)	7.6kg(16.76lb)
	Angle Adjuster	-45° ~ +45°	-45° ~ +45°
Optical Parameter	Brightness	1200 nits	1000nits
	Viewing Angle	160°/160°	160°/160°
Power Supply	Max Power Consumption	150 W/Panel	150 W/Panel
	Avg Power Consumption	50 W/Panel	50 W/Panel
	Operating Power Source	100-240V AC, 50/60Hz	100-240V AC, 50/60Hz
Control System	Refresh Rate	7680Hz	7680Hz
	Signal Input Source	DVI, HDMI, DP, SDI	DVI, HDMI, DP, SDI
Operation Conditions	Operating Temperature	-10°C~+45°C	-10°C~+45°C
	IP Rating (Front/Rear)	IP30	IP30
	Certification	CE, FCC, ETL, RoHS, REACH	CE, FCC, ETL, RoHS, REACH

The product specifications can be customized.

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Ultra-flexible curved display for indoor and outdoor creativity

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INFILED

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CHINA | SPAIN | NETHERLANDS | GERMANY | UAE | USA | JAPAN | MALAYSIA | SINGAPORE
SOUTH KOREA | AUSTRALIA | NEW ZEALAND | COLOMBIA | INDONESIA | UK



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