

ELEMENT UHD SERIES

Cool under pressure. Clear always.

Built for the Elements.
Made for Impact.



ALL-WEATHER
DURABILITY



EASY
MAINTENANCE



FRONT & REAR
SERVICEABILITY



90° CORNER
CONFIGURATION

ELEMENT UHD SERIES 1.25mm, 1.5mm, 1.87mm, 2.5mm, 3.0mm

ATS | PRO

Element UHD Series

Thin, lightweight panels with a 16:9 aspect ratio.
Full front installation and maintenance for easy
access and servicing.

**Panel size**

960 × 540 × 74.6 mm

**Panel weight**40.79 lbs (1.2–2.5 mm)
36.38 lbs (3.0 mm)**Pixel pitch**

1.2, 1.5, 1.8, 2.5, 3.0 mm

X-GOB Technology

We use X-GOB to coat the module surface, which can effectively resist the impact of outdoor environments, while also improving the screen's resistance to shattering, waterproofing, shock resistance, UV resistance, dustproofing, eye protection, and antistatic properties. This not only greatly extends the screen's lifespan, but also makes the screen more durable and adaptable to various environmental conditions.



IMPACT
RESISTANT



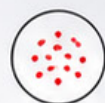
WATERPROOF



SHOCK
RESISTANT



UV
RESISTANT



DUSTPROOF



EYE
PROTECTION



ANTISTATIC

2K and 4K Resolution Options

Multiple size and pixel pitch options to fit your application.

2K - 1920 X 1080



4K - 3840 X 2160



DCI- P3

Delivers a wide color gamut coverage, ensuring richer, more vibrant hues and greater color accuracy.

Experience cinematic-quality visuals with deeper reds, lush greens, and true-to-life tones.



High Contrast

With enhanced contrast, colors appear more defined and dynamic, ensuring a sharper and more realistic image.

Deeper blacks and brighter highlights create a visually striking display that stays true to the original content.



IP65 Dustproof and Waterproof



Built for outdoor conditions, Element UHD combines protection against dust and water with convenient, reliable performance.



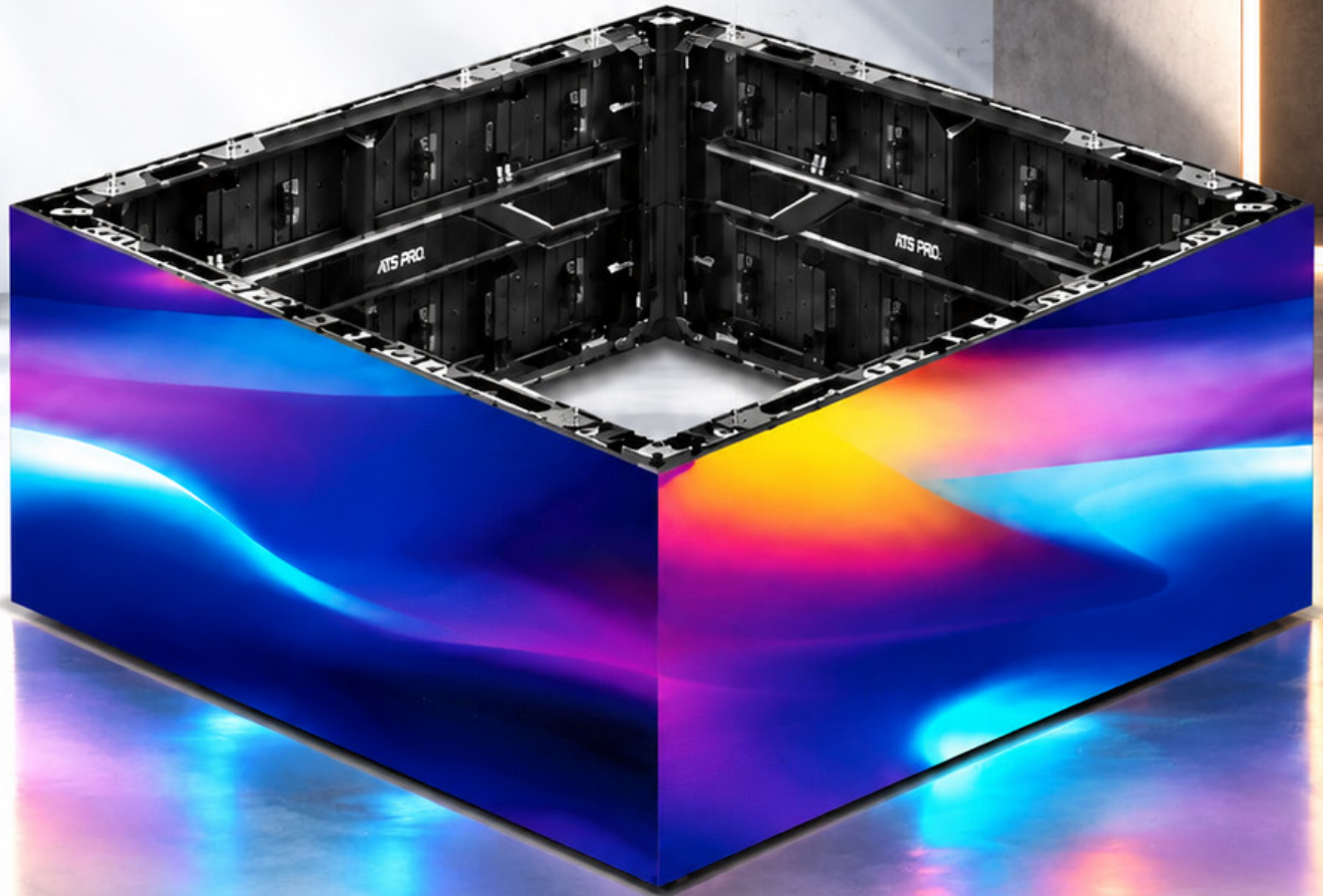
Dust
Protection

Water
Protection



Corner & Cube Installation

45° panels for 90° corner and cube installation.



High Brightness

Clear, vibrant visuals in bright outdoor settings. Element UHD brings high-impact viewing to patios, terraces, and outdoor hospitality spaces.



HIGH BRIGHTNESS

Clear, vibrant visuals even in direct sunlight.



HIGH-IMPACT VIEWING

Delivers stunning UHD content outdoors.



IDEAL FOR OUTDOOR SPACES

Perfect for patios, terraces, and hospitality environments.



VIBRANT, TRUE-TO-LIFE COLORS

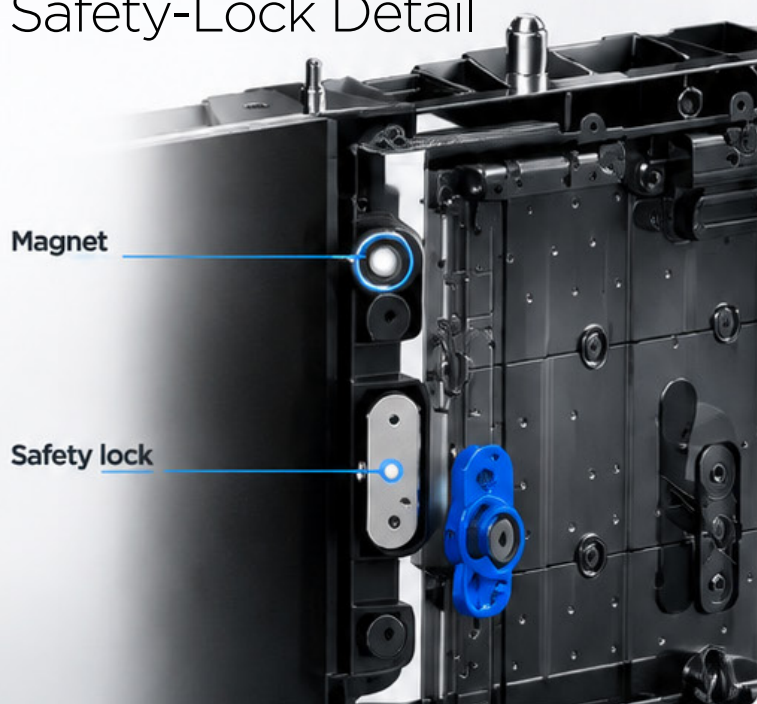
Brings content to life with exceptional clarity and color accuracy.

S-Latch for **Quick Front-Access**

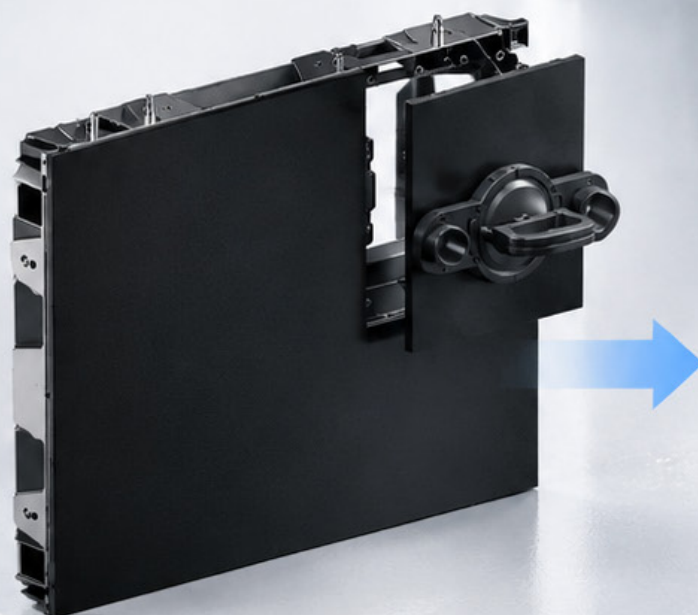
The safety lock requires a special suction cup to remove the screen module, helping prevent accidental detachment from vibration or rough handling.



Safety-Lock Detail



Front Module Removal



SECURE DESIGN

Magnet and safety lock help prevent accidental detachment.



QUICK FRONT-ACCESS

Designed for fast, easy servicing with a suction cup removal tool.



BUILT FOR RELIABILITY

Helps maintain stability in high-vibration and outdoor environments.

Flip-Chip Technology



BETTER
HEAT DISSIPATION
PROTECTION



RELIABLE
PERFORMANCE



BRIGHT
CONSISTENT
VISUALS

Flip-chip LED technology supports efficient heat transfer and reliable performance, helping deliver bright, consistent outdoor visuals.



X-GOB-coated
surface

Fine Pixel Pitch

Flip-chip LED technology supports efficient heat transfer and reliable performance, helping deliver bright, consistent outdoor visuals.

Screen Protector

Corner protectors help prevent direct contact between the display surface and the floor during handling.



**ADDED
PROTECTION**

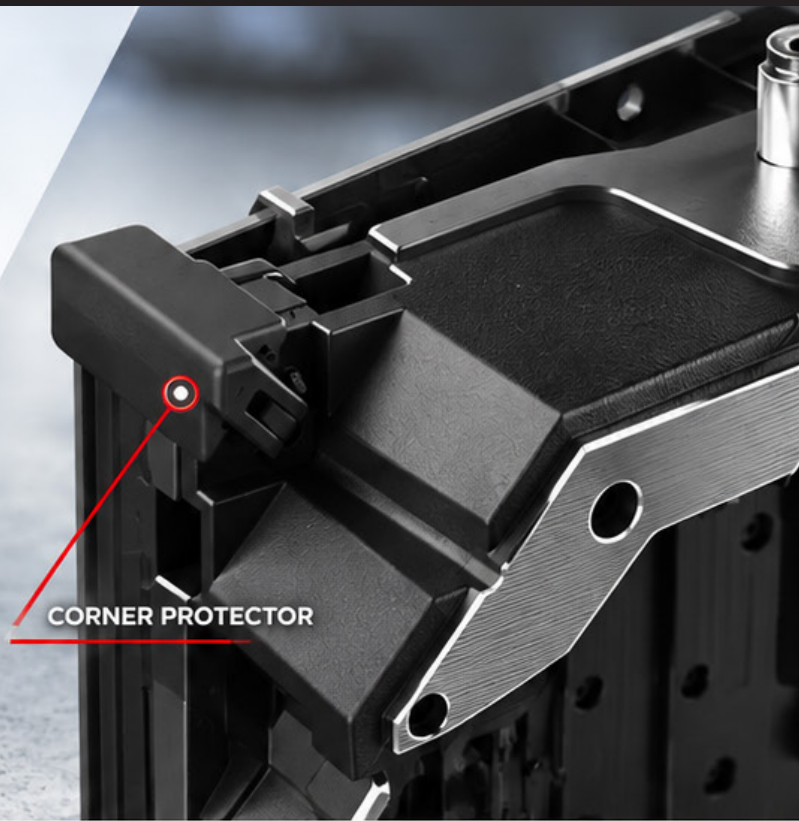


**PREVENTS
DIRECT CONTACT**



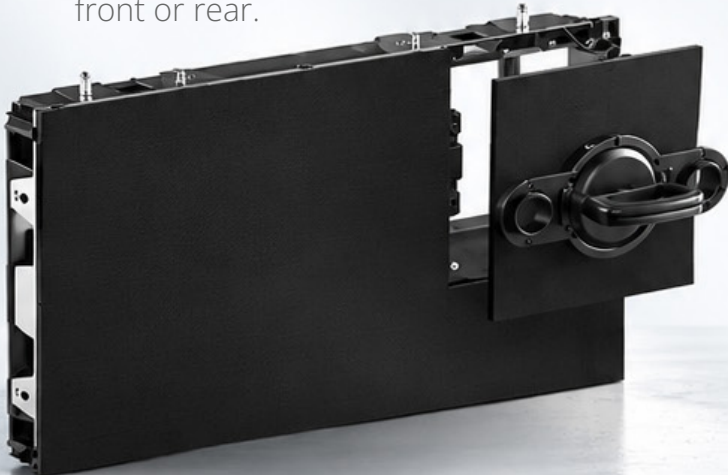
**IDEAL FOR
HANDLING**

CORNER PROTECTOR



Front and Rear Maintenance

Removable modules support convenient servicing from the front or rear.



FRONT ACCESS

Quick and easy module removal with a suction cup tool.

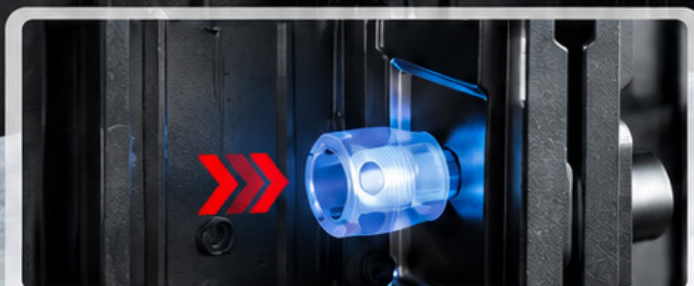


REAR ACCESS

Removable modules allow convenient servicing from the rear.

Quick Locking

Integrated quick locks connect adjacent cabinets for efficient assembly. Alignment pins help position the panels, while accessible locking points secure the connection.



Accessible Quick Locks

Quick locks are easily accessible, allowing fast and secure connections between cabinets.



Alignment Pins

Precision alignment pins help position the panels, ensuring a secure and stable connection.



FAST ASSEMBLY

Integrates quickly and efficiently.



SECURE CONNECTION

Accessibility and alignment ensure a reliable lock.



DURABLE DESIGN

Built for long-lasting performance in demanding environments.

Specifications

Element UHD - 960 × 540 mm cabinet

Specifications	UHD OUTDOOR 1.2	UHD OUTDOOR 1.5	UHD OUTDOOR 1.8	UHD OUTDOOR 2.5	UHD OUTDOOR 2.5	UHD OUTDOOR 3.0
Pixel Pitch (mm)	1.25 mm	1.5 mm	1.875 mm	2.5 mm	2.5 mm	3.0 mm
LED Technology	MIP with X-GOB	MIP with X-GOB	MIP with X-GOB	MIP with X-GOB	SMD with masks	SMD with masks
Pixel density (pixels/m ²)	640,000	444,444	284,444	160,000	160,000	111,111
Module size (W x H)	240 × 270 mm	240 × 270 mm	240 × 270 mm	240 × 270 mm	240 × 270 mm	240 × 270 mm
Module resolution (W x H)	192 × 216	160 × 180	128 × 144	96 × 108	96 × 108	80 × 90
Panel size (W x H)	960 × 540 mm	960 × 540 mm	960 × 540 mm	960 × 540 mm	960 × 540 mm	960 × 540 mm
Panel resolution (W x H)	768 × 432	640 × 360	512 × 288	384 × 216	384 × 216	320 × 180
Panel weight (lbs)	40.79	40.79	40.79	40.79	40.79	36.38
IP rating	IP65	IP65	IP65	IP65	IP65	IP65
Brightness	4,000 nits	4,000 nits	4,000 nits	4,000 nits	5,000 nits	5,000 nits
Max. power consumption	720 W/m ²	720 W/m ²	720 W/m ²	720 W/m ²	720 W/m ²	450 W/m ²
Avg. power consumption	216 W/m ²	216 W/m ²	216 W/m ²	216 W/m ²	216 W/m ²	150 W/m ²
Refresh rate	7,680 Hz	7,680 Hz	7,680 Hz	7,680 Hz	7,680 Hz	7,680 Hz
Viewing angle (H/V)	160°	160°	160°	160°	160°	110°
Gray scale	14 bit	14 bit	14 bit	14 bit	14 bit	14 bit
Color temperature	7,000 ± 500 K	7,000 ± 500 K	7,000 ± 500 K	7,000 ± 500 K	7,000 ± 500 K	7,000 ± 500 K
Operating temperature	-20 to 50°C	-20 to 50°C	-20 to 50°C	-20 to 50°C	-20 to 50°C	-20 to 50°C
Operating humidity	10-90%	10-90%	10-90%	10-90%	10-90%	10-90%
Service life	100,000 hours	100,000 hours	100,000 hours	100,000 hours	100,000 hours	100,000 hours



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