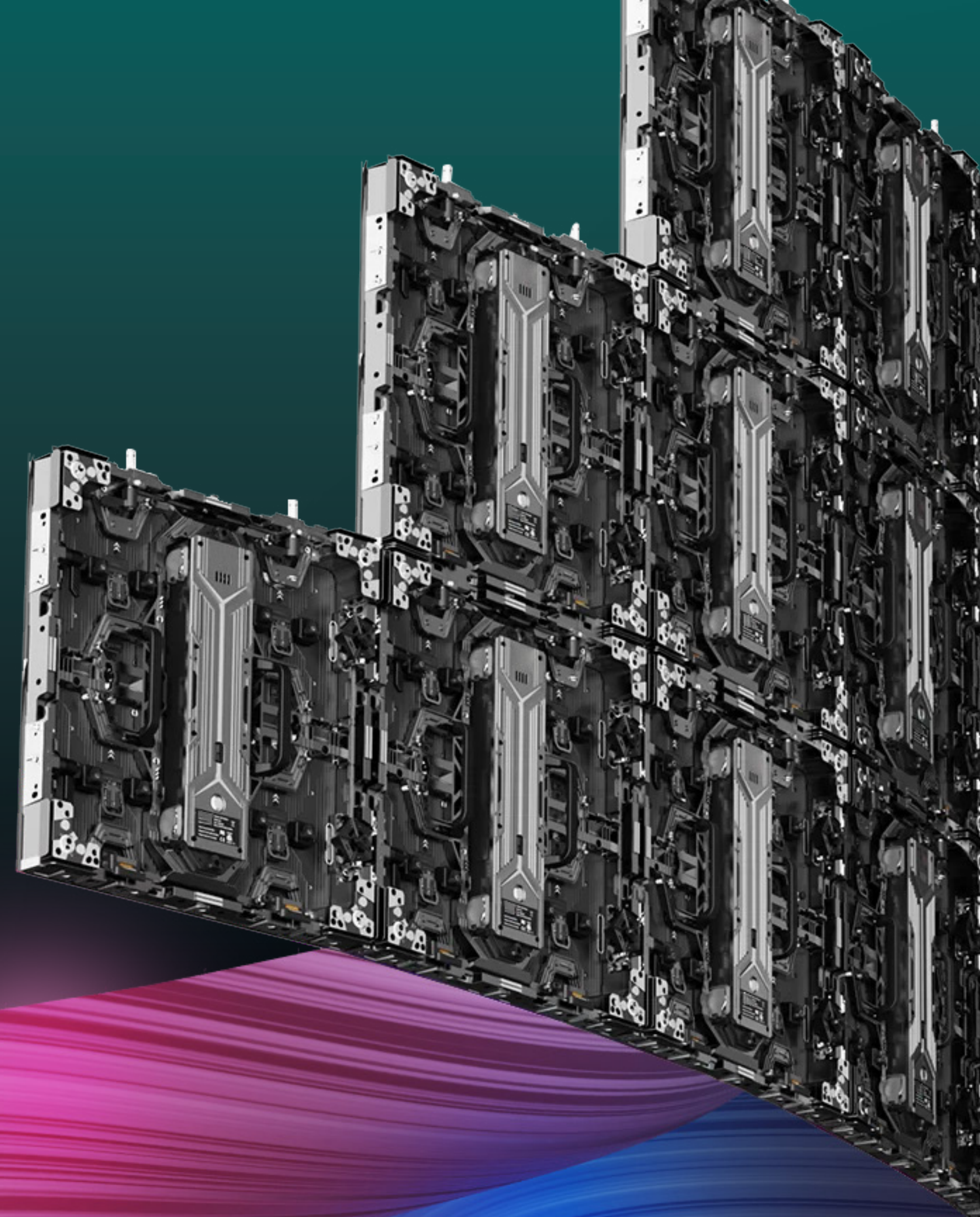expromo®

R-Solid series

XR Studio

The **complete experience**
of product specifications

Specifications

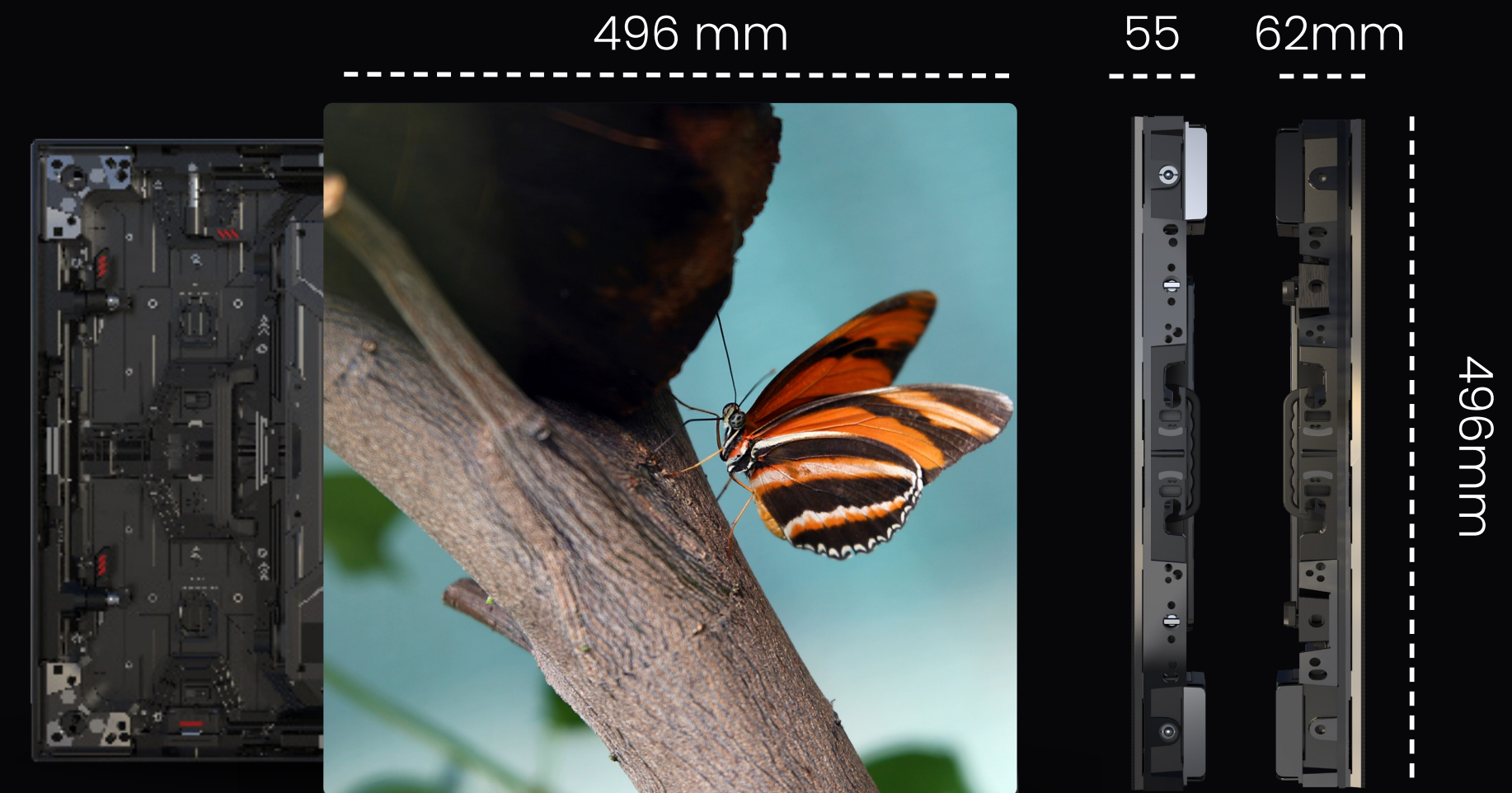EXHIBITION   ● XR Studio

Pixel pitch physical [mm]	1.9	2.8
Certificates	CE, EMC, TUV-EMC, FCC, ETL, UL, PSE, CCC, ROHS	
True Black SMD	SMD 3-in-1 (1212) Flip-Chip	SMD 3-in-1 (1010) Flip-Chip
Distance	2m	3m

LED type	MicroX	MicroX
Protection	X-GOB	X-GOB
Pixel Density	65,536	30,976
Technology	-	-

Refresh Rate	7680Hz	7,680Hz
Viewing Angle	140°H/140°V	160°(H)/160°(V)
Contrast	5000:1	5000:1
Module Size	248 x 248	248 x 248

Cabinet Size (mm)	496 x 496 x 55 / 62	496 x 496 x 55 / 62
System	Stacking / Hanging / Stitching	Stacking / Hanging / Stitching
Drive Mode	1/8	1/8
Environment	IP65 / IP54	IP40 / IP20

496 mm   55   62mm

496mm

• 55/62mm Frame compatible

• S-lock optional for safety maintenance

• Front / Rear Maintenance

• Diecasting aluminum

• Backlight Strip

• SEG / Cover Plate

• Shelf Function

XR Studio Rear View

SEG Slot

Cover Plate Magnet

Top Lock

Side Lock

VESA Mounting

Connector Attach

Signal Indication

Module Back Lock

Module handle

496 Corner

AB Lock

Brainbox Lock

IP55 – IP65 Breathing

Curving Lock

Handle

Stacking Lock

Cable Attach

Test Button

Defect Status

S-Lock

Locking Status
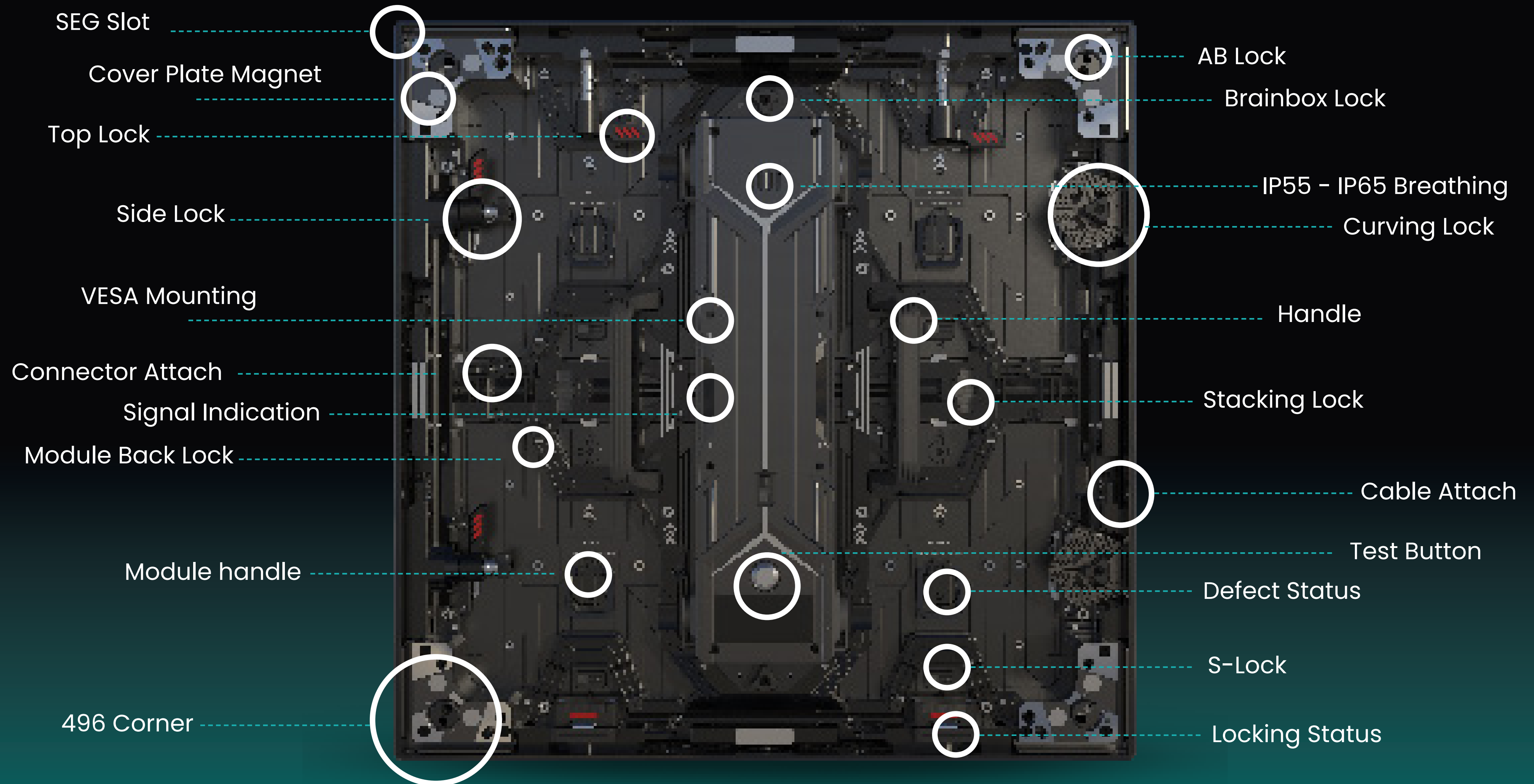
Control System

True Colors

Expromo LED screens features large color spaces covering widely adopted standards such as **Adobe Pro Colors DCI 3P and ITU REC 709.**

Rest asured that the mailbox is truly red, the sky is truly blue and that the black is in fact black.

Vector space

Vector space is the recommended digital perception of a cameras position, movement, velocity and speed in the real 3D world.
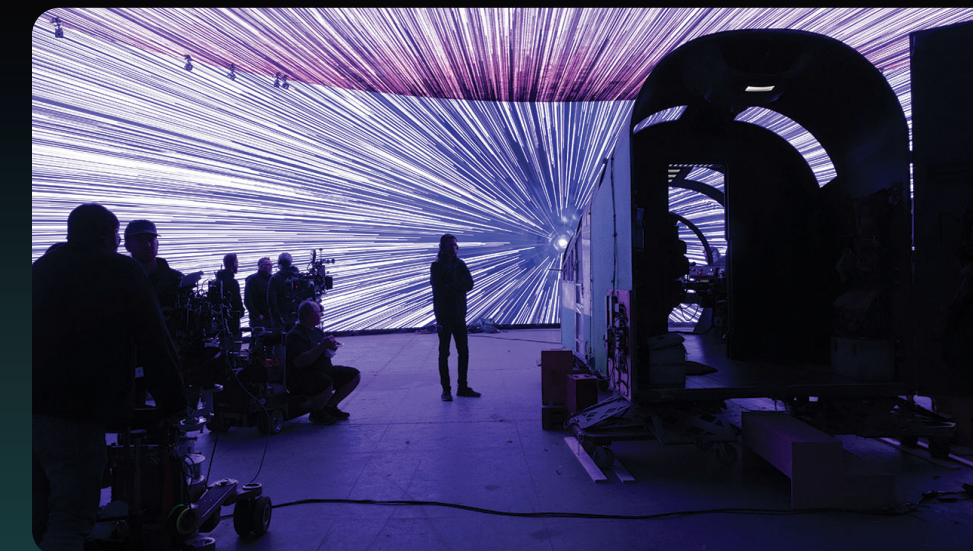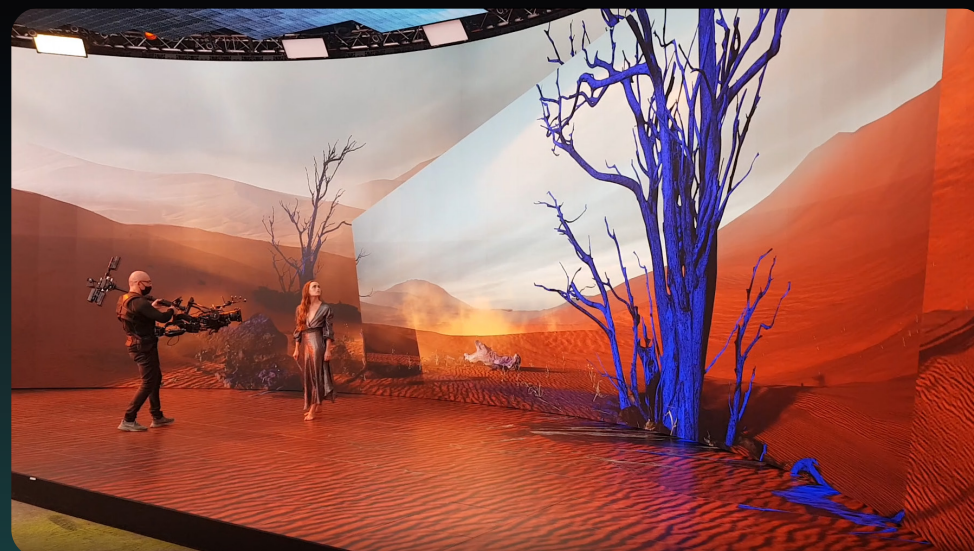
For the virtual reality to work the rendering the LED needs to respond very fast to the vectors calculated in the camera tracking system.
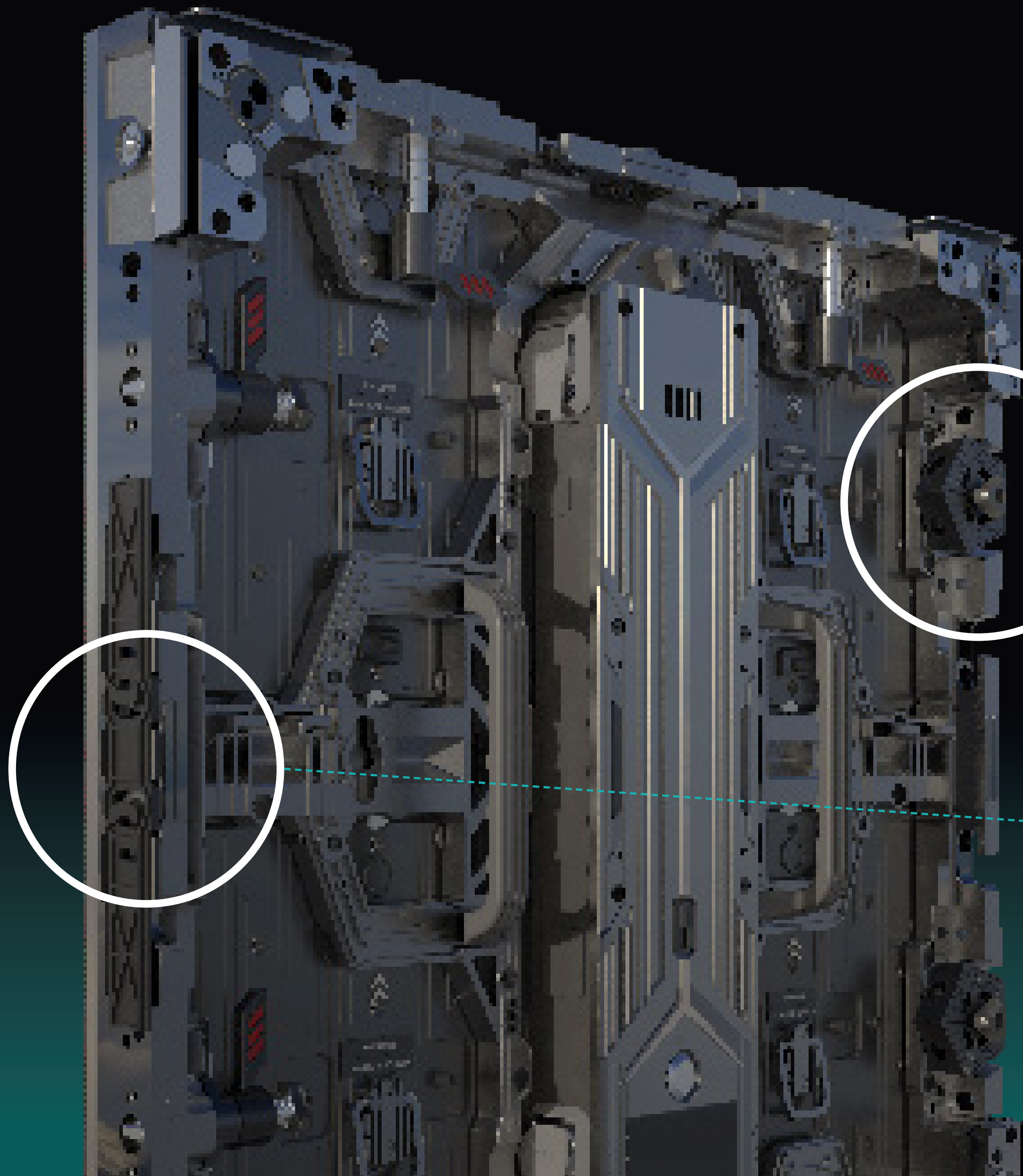
Virtual reality

Works in conjunction with cameras in verctor space. The rendering of the LED screens is based on camera movements, position and velocity
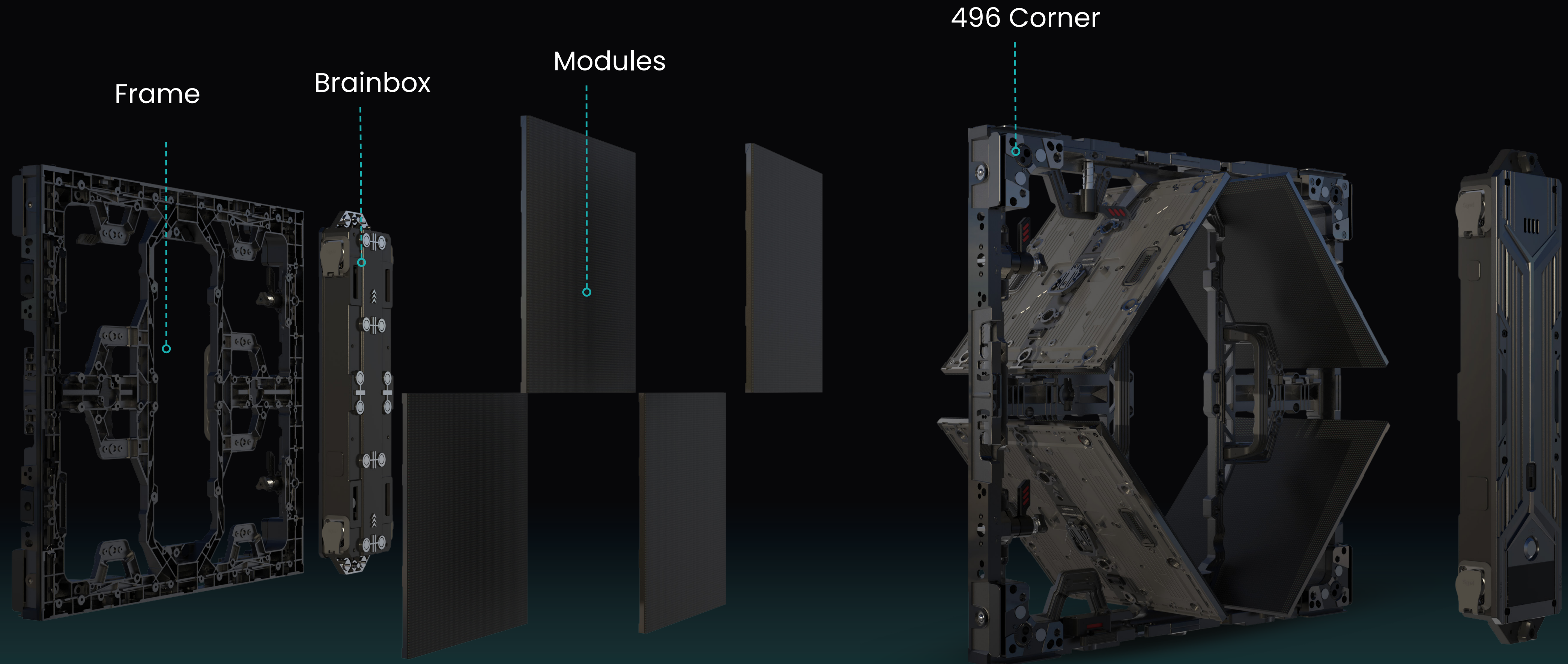
And especially the LED Screen showing the rendered moving image needs to respond very fast to the vectors calculated in the camera tracking system.

And we support some of the most popular system controllers in the industry..

BROMPTON TECHNOLOGY®

NOVASTAR

megapixel™

Curving Lock
10°,7.5°,5°,2.5°,0°

Side Lock

Maintenance

Frame

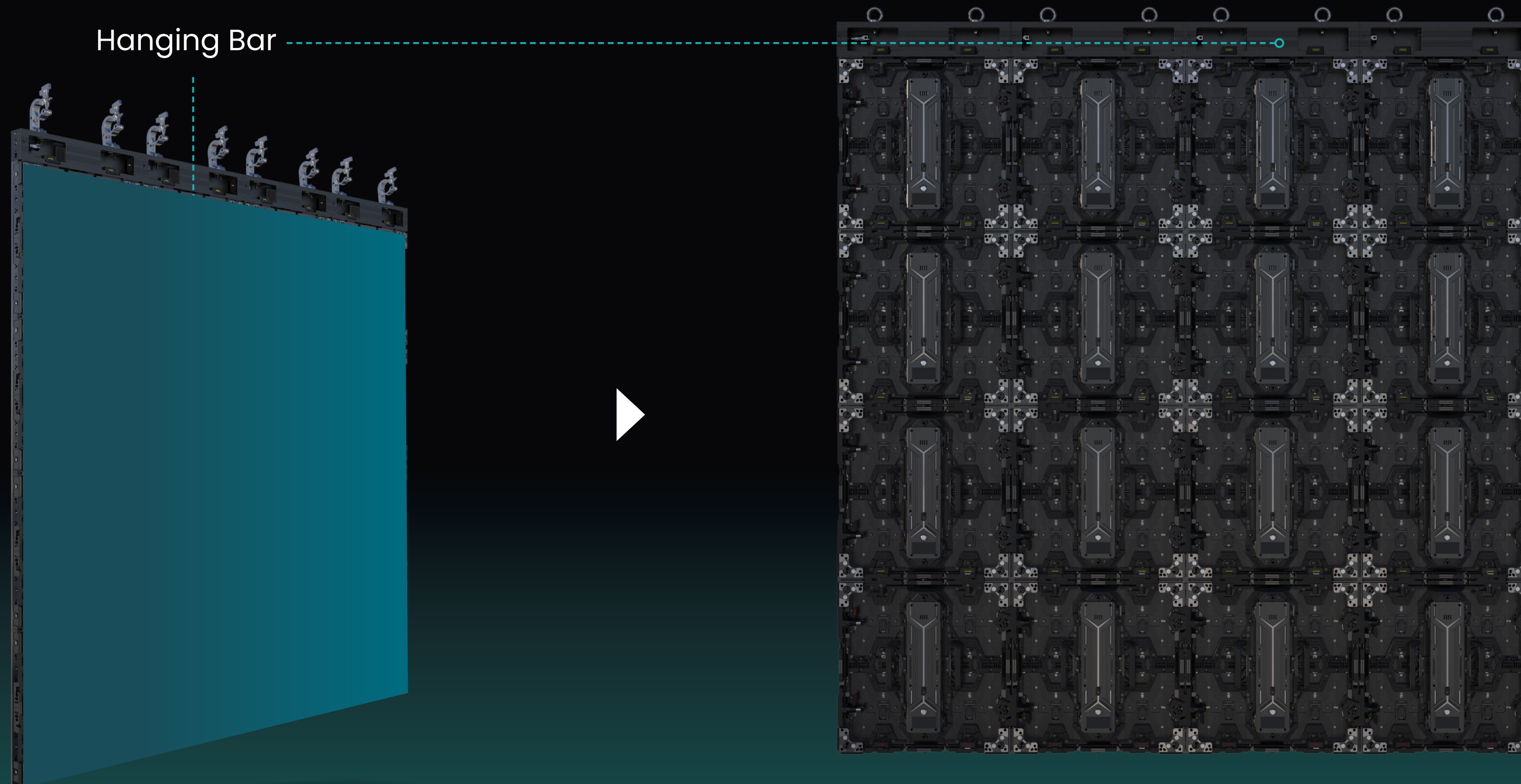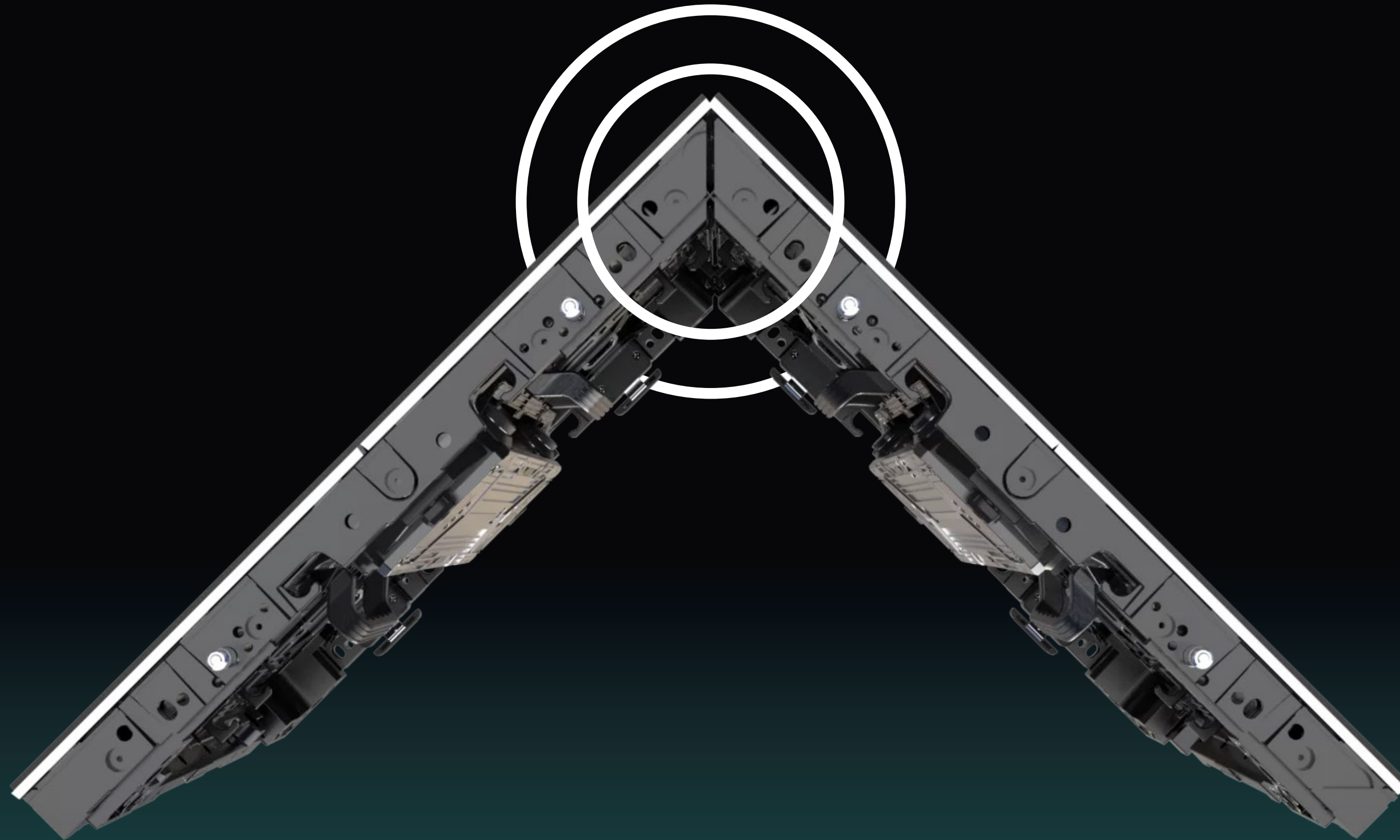Brainbox

Modules

496 Corner

Front Maintenance

Back Maintenance

Hanging system

It has standard rental features such as stacking, hanging, flooring, and is ruggedized for multiple applications such as stage or XR or Virtual Production.

Hanging Bar

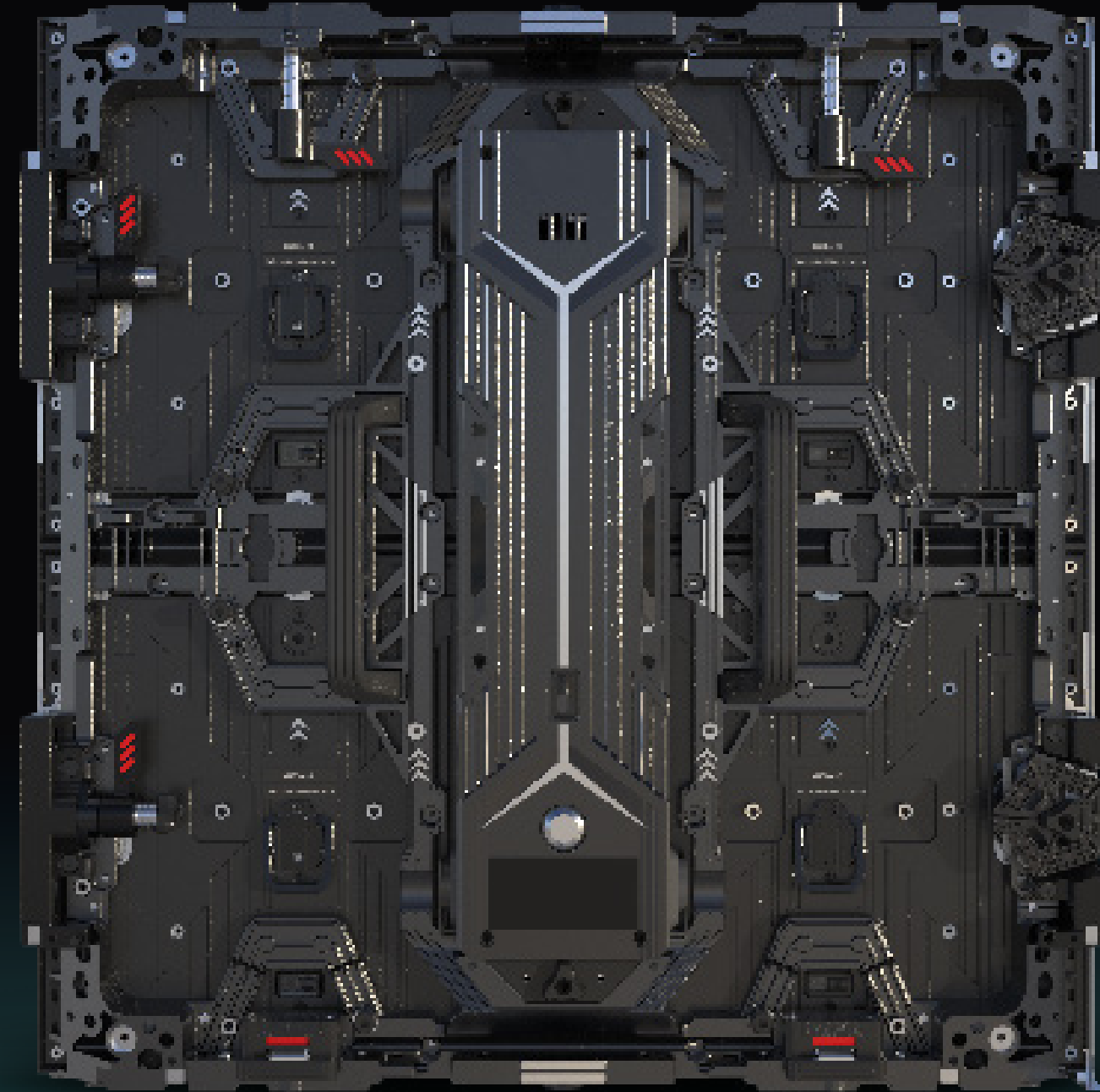## 90°connection Make your corner & cube

90°connection will need to cut 45°
In the left or right side of your cabinet.

And it can't connect with normal
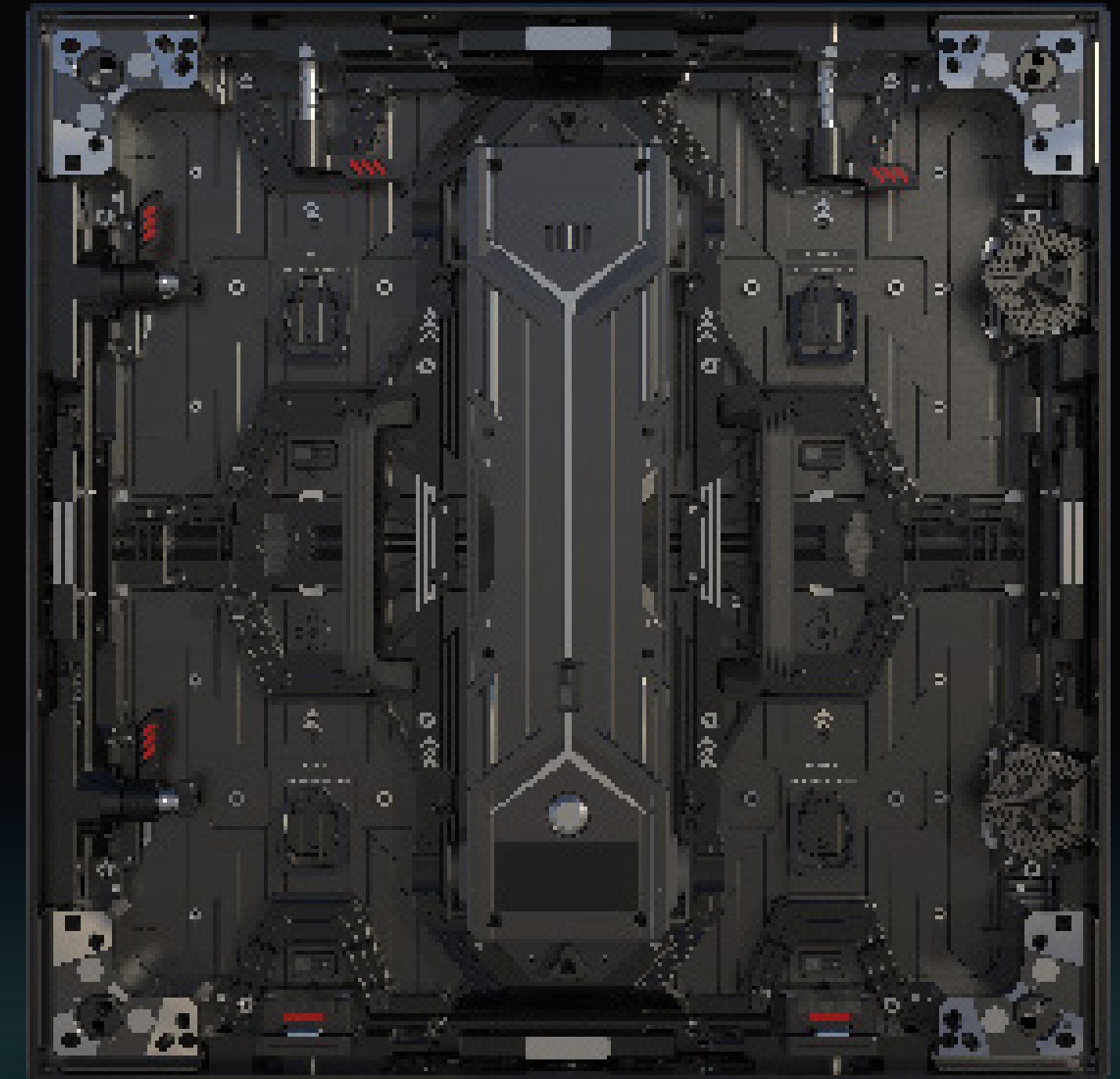cabinet from that side anymore.

Corner Filler
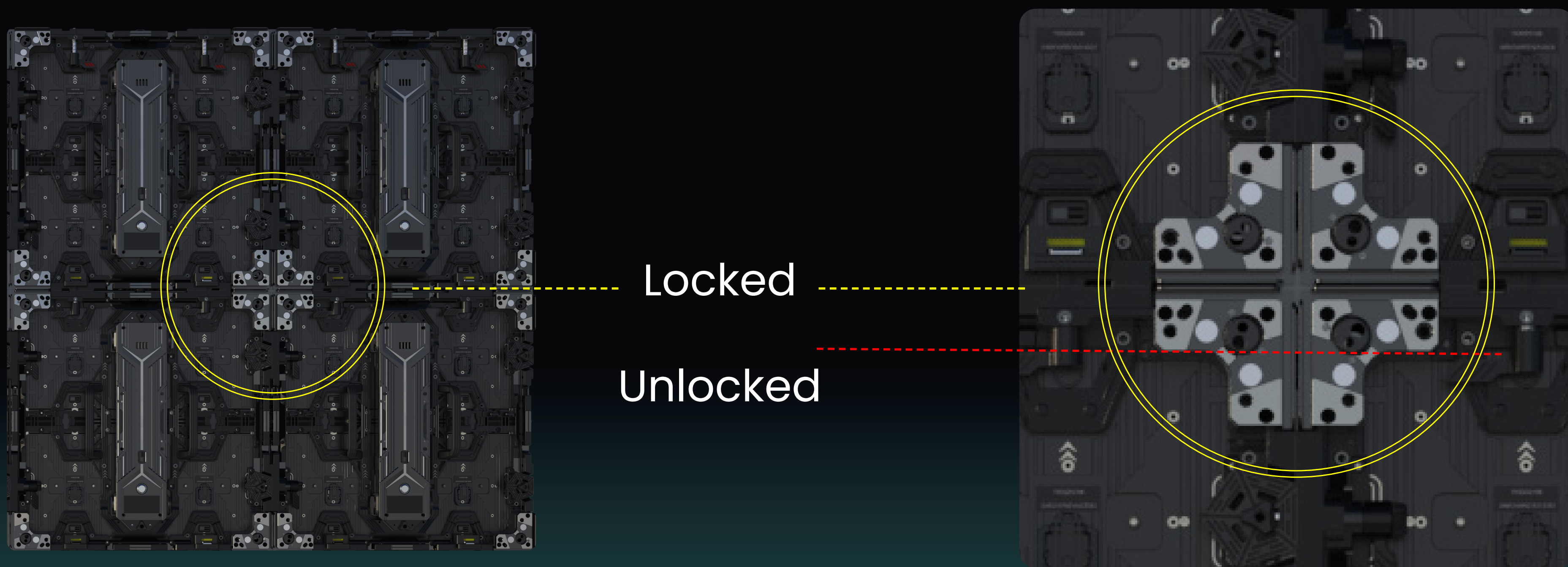
Left side

Right side

CNC left/right

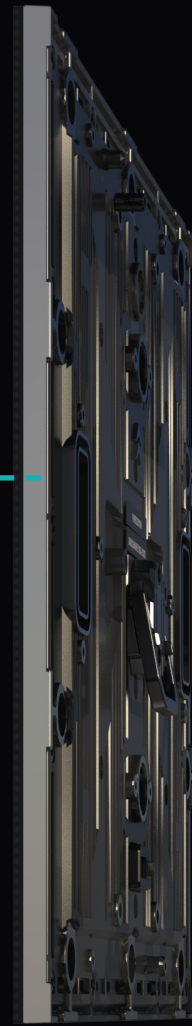Use corner filler to turn 90 degree cabinet into normal cabinet

Locking mechanic

R-Solid has a lot of safety functions. It can be summarized into two major classes, one is the lock that is especially for preventing theft and falling, another one is FCP especially for preventing electricity overpower and fire.

Locked

Unlocked

Diecastet Aluminum

Diecasting Module

Diecasting Module

Diecasting Module