



VIRTUAL PRODUCTION

LED DISPLAY MODULAR SYSTEMS FOR XR VIRTUAL PRODUCTION

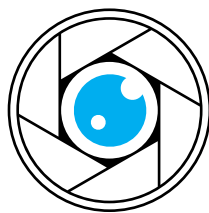
THE NEW ERA OF BROADCAST AND FILMAKING

xR and VIRTUAL PRODUCTION are revolutionising the industry of filmmaking & broadcasting. New technologies are changing the way we create content and tell stories. Our VuePix Infiled Virtual Studio solutions work together with the latest film & broadcast technology, allowing you to create immersive and realistic virtual environments and deliver ultimate image quality for camera. It's our drive to collaborate with virtual production professionals to design custom-made xR &VP studios, adapted to their creative needs in all kinds of fixed and rental applications for broadcasting and filming by offering high-end LED display solutions to build immersive and realistic virtual environments.

- Better tools to build immersive and realistic virtual environments; there are no limits to the creative possibilities.
- Natural scene lighting created by the LED screens eliminates extra work in post-production. Shooting is no longer affected by the weather or natural light.
- Actors are surrounded by the actual scene, which encourages natural performance.
- Edit and see the finished product in real-time.
- Minimise cost and avoid budget blow-outs by eliminating the need for expensive reshoots.
- Better prepared pre-production and on-scene adaptation flexibility reduces post-production time.
- Sustainability. Lower environmental impact by reducing travel time.



**HIGHLY REALISTIC
SCENE**



**EFFICIENT
SHOOTING**



**COST & TIME
SAVING**

ENHANCE CREATIVITY

Our VuePix Infiled teams collaborate with virtual production professionals to design custom-made xR & VP studio environments, tailored specifically to cater their creative needs.

THE BEST CANVAS FOR THE BEST CONTENT

VuePix Infiled delivers high-end solutions utilising the most ground-breaking technology on the market.

- Designed specifically for film, broadcast & xR studio environment
- Utilising the latest processing systems
- Ultra-low SCAN rate & exceptional refresh rate
- Reliable systems with perfect operational stability



THE SYSTEM TO CREATE TAILOR-MADE SERIES

There are major differences between creating sets for large film productions, news studios, TV commercials or corporate live broadcast. Our team is ready to help you design purpose-made sets to perfectly suit your requirements & budgets.

PROCESSING POWER

All our VuePix Infiled Virtual Production systems are compatible with both Brompton & NovaStar processing technology. We work closely with our partners, who are at the forefront of this exciting new technology to deliver immersive, believable worlds that take film beyond LED panels.



CREATIVE FREEDOM

Our xR / VP modular system allows you to choose from the combination of LED backgrounds, ceilings, and floors, to customise your set, offering a great flexibility and creative freedom.



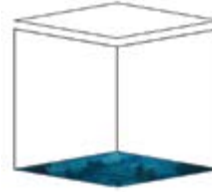
VIRTUAL CEILING



FLAT VIRTUAL BACKGROUND



CURVED VIRTUAL BACKGROUND



VIRTUAL FLOOR



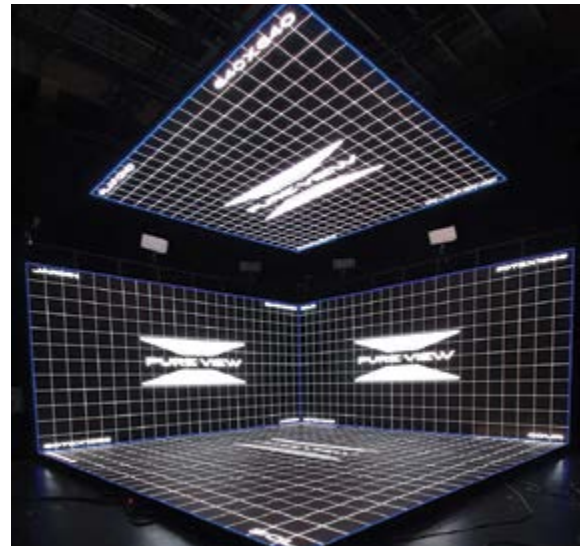
FLAT & CURVED VIRTUAL BACKGROUND

VIRTUAL CEILING

AR Series

Ultra-lightweight, high brightness LED panels using customised black frame LEDs. The AR series offers a wide range of accessories, such as truss brackets and stacking pedestal. An enhanced solution for dynamic lighting and video.

- High-performance LED displays
- Bright image, dynamic illumination
- Wide viewing angles
- Fast hoisting & easy installation



VIRTUAL FLOOR

DF2 Series

Virtual floor solution with high load-bearing, quick disassembly, and increased cabinet protection. The anti-reflective and anti-slip surface produces perfectly uniform blacks and great visual performance under any light condition and at wide viewing angles.

- Strong load-bearing
- High contrast LEDs for great visual performance
- Designed for very fast alignment and levelling
- Advanced IP65 protection



FLAT VIRTUAL BACKGROUND

DB Virtual Studio Series

Offers high contrast performance and unparalleled image quality for a cinematic look. The background uses ultra-black masking materials and exclusive black LEDs to offer a new level of contrast. This product also allows concave or convex curved setup to better reproduce realistic scenes.

- Ultimate image quality for camera
- Excellent colour performance & accuracy
- High refresh rate & ultra-low SCAN rate
- Ultra-wide viewing angles



CURVED VIRTUAL BACKGROUND

X2 Series

Lightweight LED solution, adopting patented flexible modules that can be bent up to 30 degrees, concave or convex, offering 7 angle options. The LED wall can be assembled into smooth curve screens of different curvature and can perfectly fulfil creative designs.

- Extreme curve capability
- Creating perfect seamless curved LED displays
- Ultra-wide viewing angles
- Flexible stacking & hanging systems



FLAT + CURVED

DB Virtual Studio + X2 series

Traditional Virtual Production Sets use flat display panels to build the studio background, which are interconnected under the angle to create a curve. These columns create edges (lines) that are very noticeable on camera. To avoid or minimise them, you need to make post-production adjustments or run real-time solutions. These solutions entail an extra cost in filmmaking and broadcasting productions.



THE ADVANTAGES OF XR ENVIRONMENTS

VIRTUAL ENGINE REAL-TIME RENDERING

Real-time rendering and pixel-accurate tracking allow for an innovative way of filming, create super real digital scenes and flexible environments, unleashing creative opportunities for all film professionals.

IMMERSIVE SIMULATED LIGHTING

LED Virtual Production offers more realistic lighting, with the life-like highlights, light shifts & reflections. The traditional challenges of green screen environment eg. green spill, poor contact lighting, etc. are eliminated.

RAPID CONTENT PRODUCTION

Digital Virtual Studios provide a cost effective & time saving solution by shifting from pre-set to postproduction. Directors are able to see the environments through the camera lens immediately and make adjustments on set in real time.

The entire 'virtual world' including outdoors is set in one location, the crew can work locally and safely without further costs involved and without being exposed to any environmental elements and challenges.

ASSET BUILDING & VIRTUAL SCOUTING

The virtual scouting gives set designers a flexibility to navigate and interact in virtual production environments while building it, helping to make better creative decisions. They can modify the virtual world the way they need it to be.

REALITY OF FEELING AND PERCEPTION

Performing in an imaginary environment poses the biggest challenge to the actors. Virtual production can construct the most realistic and immersive environments, which helps actors to perform and react in real-time, resulting in more realistic scenes.

Change the way stories are told!





VUEPIX
INFILED

Contact our VuePix Infiled experts to discuss your next project

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REDEFINING TECHNOLOGY IN EVERY PIXEL