

Hilton



HILTON TOKYO AV ENHANCEMENTS



3F Vega Studio @ Hilton Tokyo

Greenscreen virtual production studio
with XR, VR, and Dolby Spatial Audio recording capability



Kiku Ballroom- Japan's largest Curved LED Wall



Kiku Ballroom LED Wall Perfect for a variety of events



Impactful Presentations



Virtual Weddings



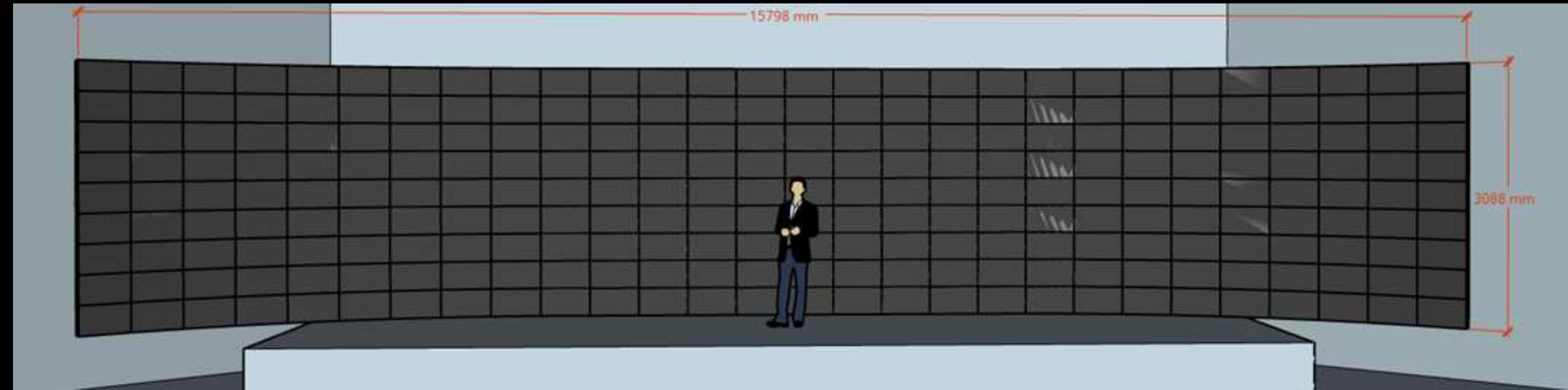
Hybrid Events



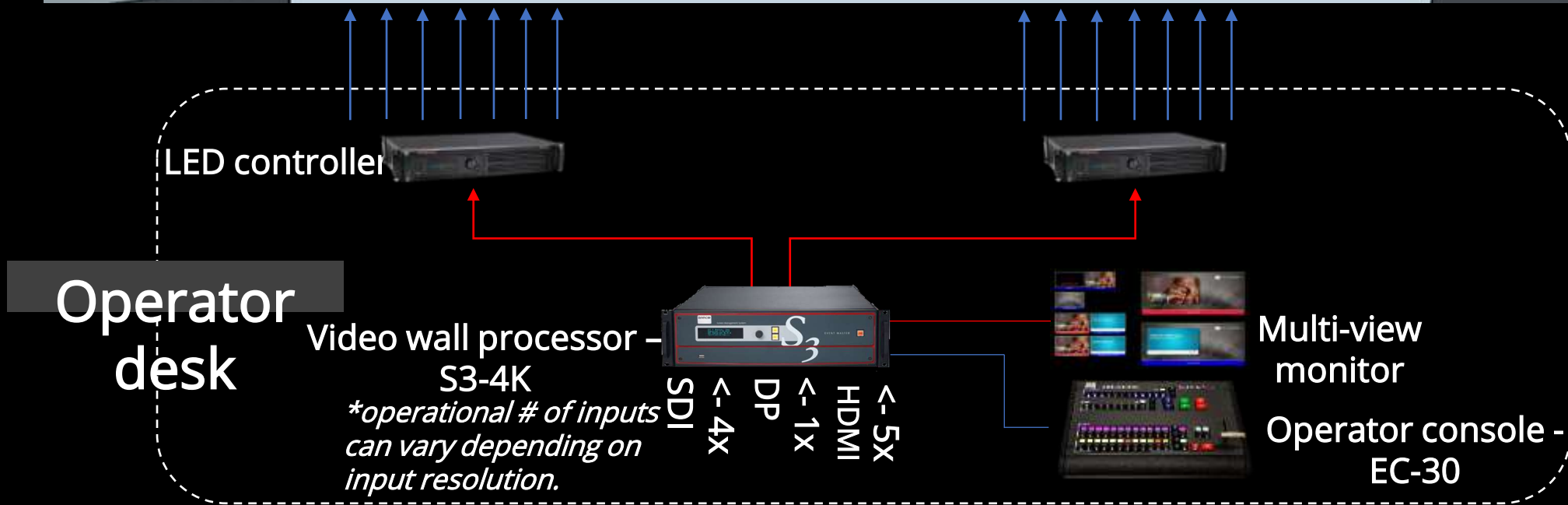
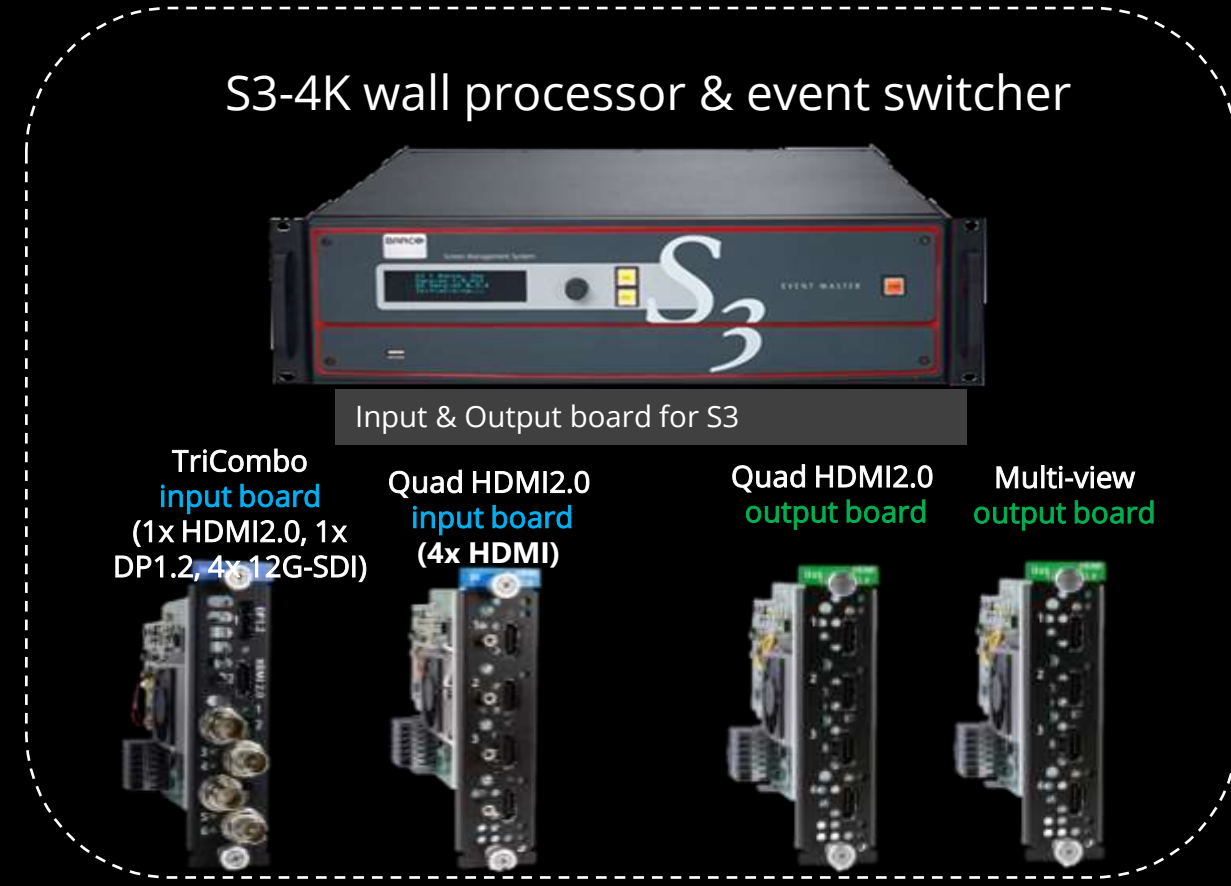
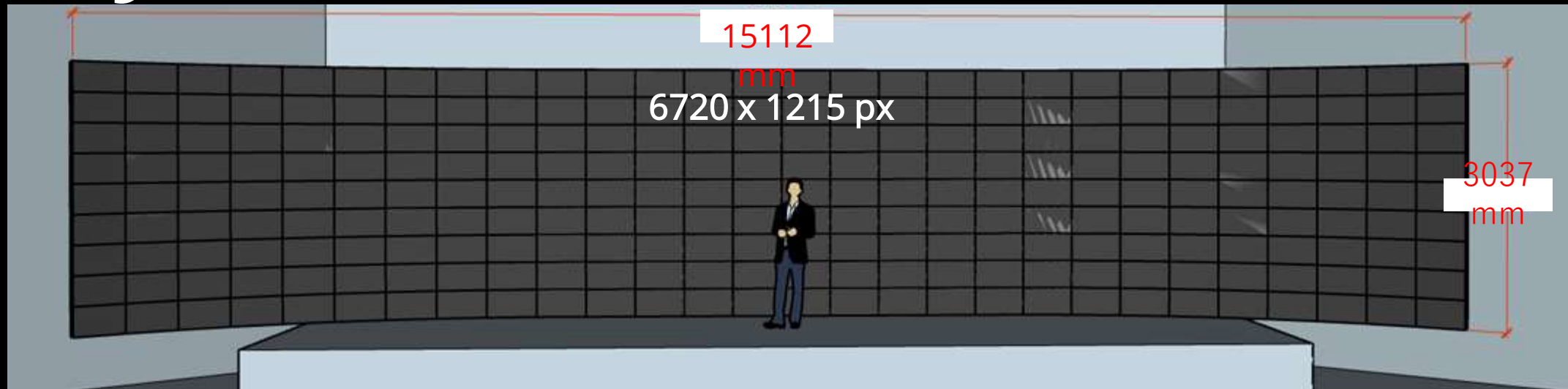
15112mm × 3037mm LED Wall

Largest LED screen within a hotel in Japan

- Product Model: IEX 2.5
- Brand: Barco
- Wall dimensions: W15.1m x H3.04m
- Pixel resolution: W6720 x H1215
- # of LED tiles: W28 x H9 (252 tiles)
- Video wall processor & switching system
- Configurable operator console
- Multiple layout options available



System Overview



EC-30 operator console



- LED Panel Product Model: IEX2.5
- Pixel pitch: 2.5mm
- Brightness: 600nit *max 360nit for this Hilton Tokyo operation
- Contrast ratio: 5000:1
- Viewing angle: 160° +/- 5°(horizontal, vertical)
- Uniformity: 97%



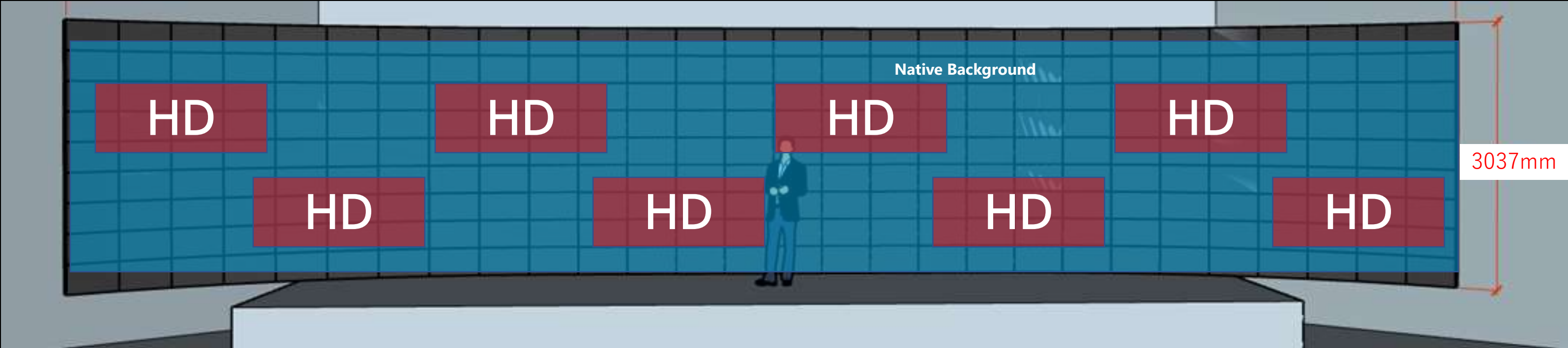
Windowing with S3-4K Processor

4K (A)

- 2x 4K window + Native background 4K (B)

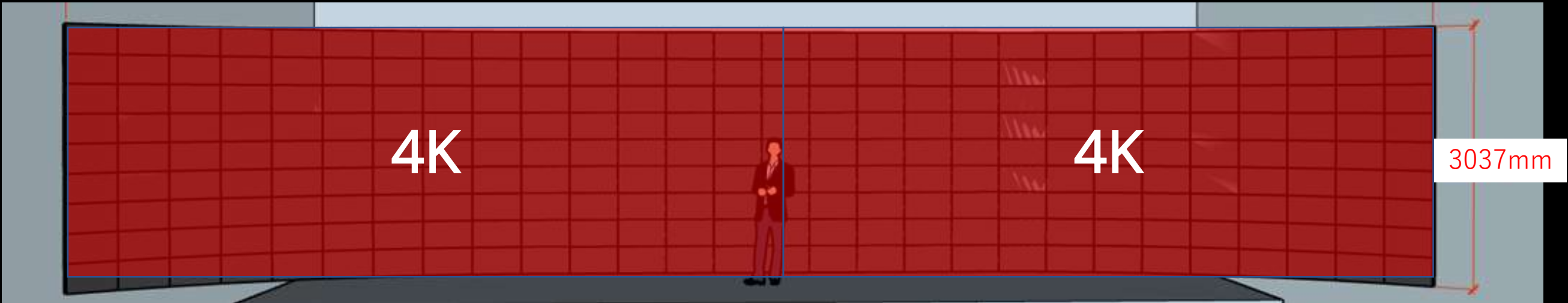
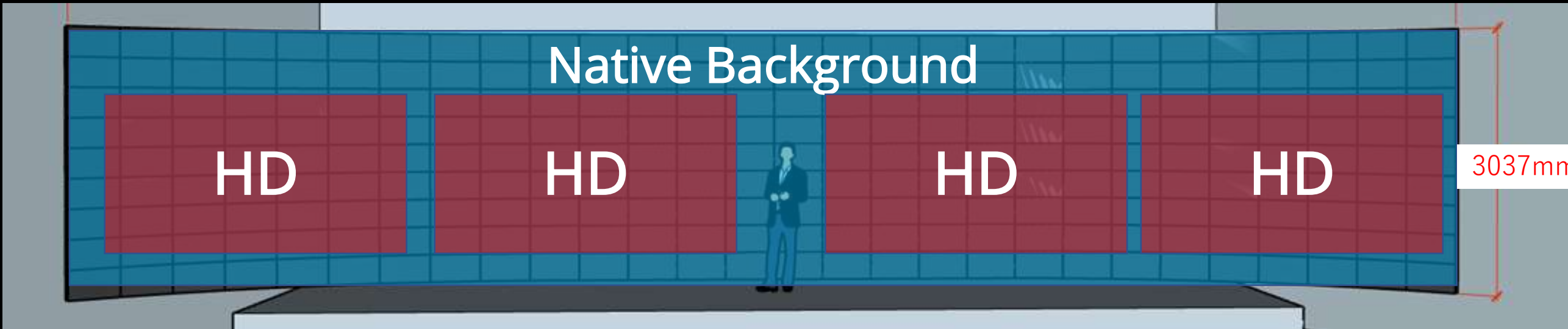


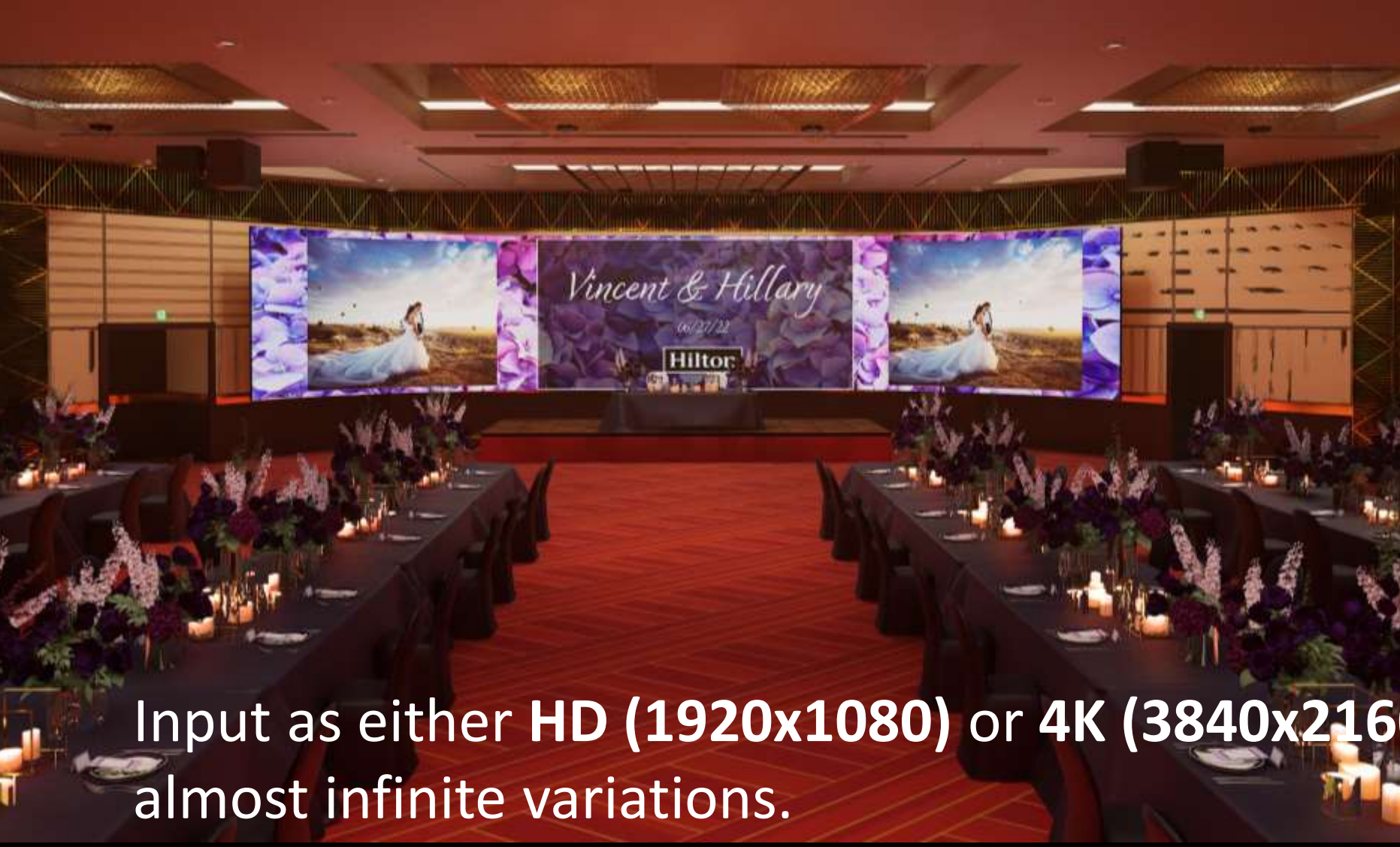
- 8x HD window + Native background





LED Video Wall Screen Layout Examples





Input as either HD (1920x1080) or 4K (3840x2160) and can be oriented on the display in almost infinite variations.





Martin Audio Sound Reinforcement System (Proposed)

- Stereo configuration
- 2x SX118 subwoofer + 2x CDD12 (main)
- 2x CDD12 (Delay speaker)



The Hilton logo is displayed in a white-bordered box in the top right corner of the image.

Vega Studio @ Hilton Tokyo

A state-of-the-art virtual production studio in the heart of Tokyo.

A unique greenscreen studio with an extensive range of industry-leading cameras, microphones, mixers, lighting and support teams.

* Can be simultaneously streamed to the LED wall in the ballroom and any platform or custom stream server.

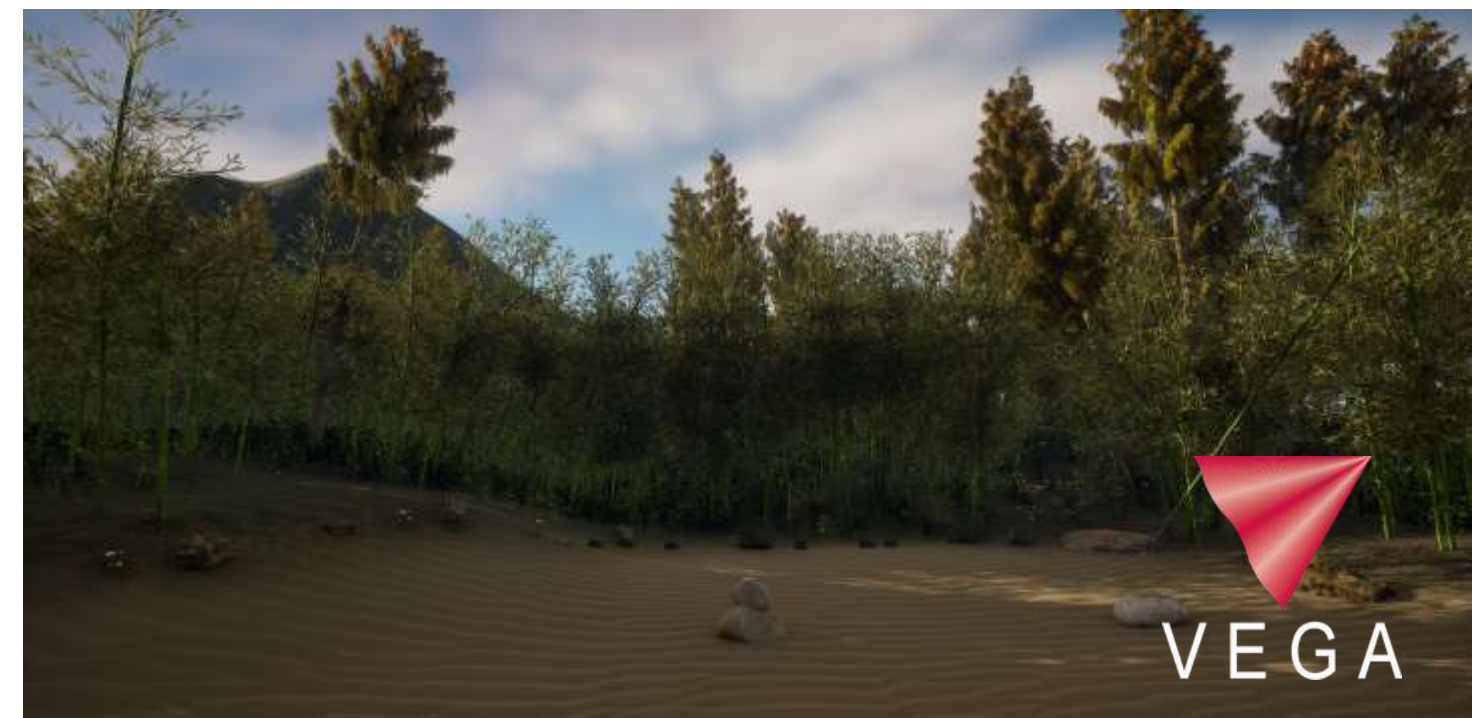
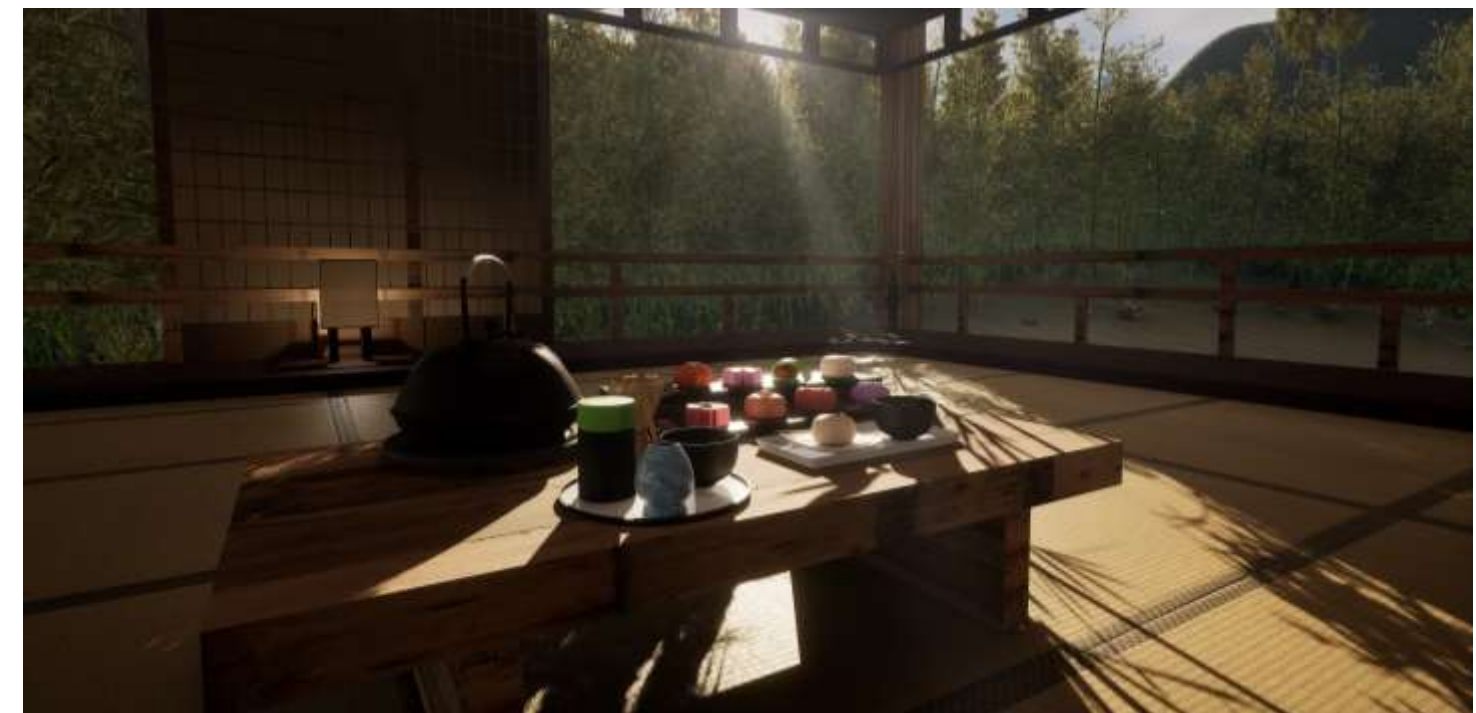
The VEGA logo is located in the bottom right corner, featuring a red triangle above the word "VEGA" in white capital letters.



Sample
Virtual Worlds



Hilton



VEGA

Virtual Production Studio

General Equipment List

AUDIO

- Allen & Heath SQ-6 mixer
- Yamaha Stagepas 1K (x2) PA system
- Amphion loudspeakers and subwoofer
- Dolby Atmos (spatial audio playback system)
- AVID Pro Tools HDX MTRX Studio
- Yamaha Tio1608-D Dante digital stage box
- AVIOM A320 personal monitoring system
- Radial Catapult MINI TX (x2)
- Radial Catapult MINI RX (x2)
- Radial StageBug SB-2 (x4)
- Radial PRO D2 (x2)
- Radial USB-Pro (x4)
- Radial Exo-Pod press box
- Clear-Com RS701 beltpack (x4)
- AKG K92 closed-back headphones (x10)

Microphones

- Shure AD1-JB wireless transmitters (x8)
- DPA 4060-OC-C-B00 microdot lavalier (x8)
- DPA 4088-DC-A-B00-LH-S headset (x4)
- Shure AD2 SM58-JB handheld (x4)
- DPA 4017b shotgun
- Shure SM7B
- Neumann U87Ai (x2)
- AEA R88 MK2
- AEA NS stereo kit
- Shure SM57 (x5)
- Shure SM58 (x5)
- Neumann KM 184 stereo set
- AKG drum concert set

LIGHTING

- Aputure LS C300d II (x2)
- Aputure NOVA P300C (x2)
- Aputure LS6000X Pro
- Aputure LSC300X (x6)
- Aputure Accent B7C (x8 RGBW light set)
- ETC ColorSource 20 AV lighting console

XR

- Antilatency XR tracking system
- Oculus Quest 2 (x2)
- AVR Remote Nakama AR glasses
- Rokoko motion capture suit (x2)
- Aximmetry Broadcast (XR production platform)

VIDEO

- Blackmagic Design 12K Ursa Mini Pro
- Blackmagic Design 4.6K Ursa Mini Pro (x2)
- Blackmagic Design PCC6K (x5)
- DJI Ronin 4D 8K
- Sony A7 IVr Photography Camera
- Blackmagic Design ATEM TV Studio Pro 4K
- Blackmagic Design SmartView 4K (x2)
- Blackmagic Design HyperDeck Studio 4K Pro (x5)
- Blackmagic Design DaVinci Resolve Mini Panel
- Green Hippo Nevis+ 4K media server (x2)
- DJI Ronin RS2 gimbal
- Confidence monitor 32inch (x2)

SOFTWARE

- Unreal Engine Enterprise
- Unity Pro
- Vmix Pro
- Adobe Creative Cloud full suite
- Touchdesigner Pro

MISCELLANEOUS

- PROTECH HDP-2000 20-inch prompter
- CEREVO FlexTally system
- Sachtler Flowtech 75 + FS88 head (x3)
- Sachtler Flowtech 75 dolly (x3)
- C-stand + boom (x10)
- Light flags
- Mic stand + boom (x5)
- Lenovo P-Series workstation-grade desktop PC (x4)
- Wacom Cintiq Pro 24
- Various video and photography camera lenses

*This document is not exhaustive but outlines the general production equipment being utilized in the operation of Vega Studio @Hilton Tokyo and its related systems and does not necessarily represent a pick list of rentable or customer usable items.

Event Concepts

- Photobooth
- Virtual weddings
- Product launches
- Influencer content creation
- Brand activations
- Large corporate events
- Small panel discussions
- Multi-site linkup (NDI network)
- Workshops (Various industry, skill/trades, entertainment, cooking, music, etc.)
- Sporting events / game announcements / viewing parties / commentary
- Live music ("Unplugged at the Hilton") Teasers for upcoming gigs in Japan
- News corporations – Pro broadcast capable facilities for staff that are covering stories nearby



Venue Features

- Supports both xR and non xR Shoots
- Greenscreen CAVE (Cave Automatic Virtual Environment)
- VIP secure and private location and access
- Live streaming / broadcast capability
- Pre / post-production house
- Video conference capability
- COVID compliant temperature scanning
- Socially distanced work zones
- Large loading doors with roadside elevator access
- Changing and make up room

