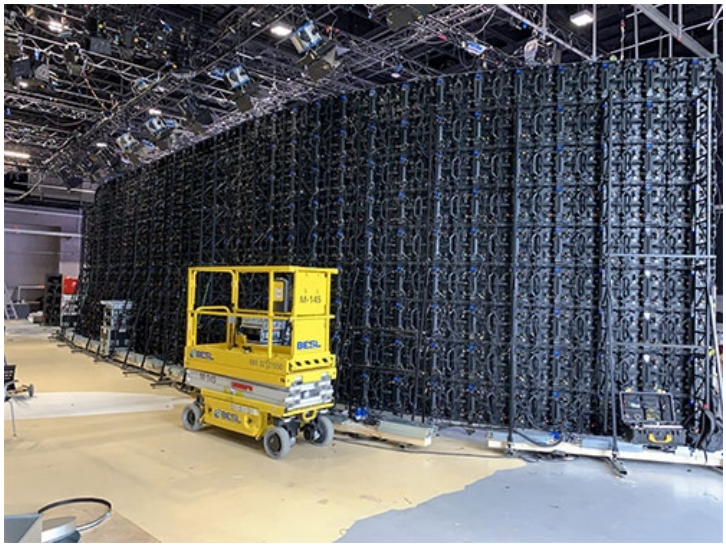
Analog Way products:
VIO 4K
Picturall Pro

Analog Way Picturall Pro Media Servers Help Germany's Rent Event Tec Drive LED Videowalls for "BioHackers" Streaming TV Series

Mannheim, Germany-based Rent Event Tec GmbH built two massive LED videowalls for greenscreen production, which are driven by two Analog Way Picturall Pro media servers using six 4K outputs each, for the German streaming TV series "BioHackers."

A show about synthetic biology, "BioHackers" wrapped its first season with several episodes in which virus-laden mosquitoes are released on board a train. The production was unable to shoot these scenes on a real moving train so it followed the path of some recent global film and video productions that utilized huge LED videowall backdrops to replace location shooting.

For "BioHackers" the train cars stood between two LED videowalls at Bavaria Film Studios near Munich. Rent Event Tec built the pair of 22.5 x 5 meter LED videowalls from high-resolution LEDitgo rXone modules. Two Analog Way Picturall Pros played the incredible resolution of 11,520 x 2,560 pixels per wall smoothly; the total resolution per wall was 29,491,200 pixels –equivalent to a bandwidth of 6K. Analog Way's VIO 4K performed scaling and adjustments.



Strack notes that when rXone was launched, “we needed a partner who had high-quality and reliable 4K-compatible products in its portfolio. We had previously used Analog Way’s Ascender 16 and Ascender 32 multi-screen units with our LED products and knew that their new 4K products would fit our product range in terms of functionality and quality. The first deployments with the VIO 4K were so successful that the technicians were convinced that this partnership was essential for our LED systems.”

To meet the needs of “BioHackers,” a “powerful machine was required that would provide enough headroom for changes in speed, color, brightness and so on, even with large content,” Strack explains. “This machine had to be able to play back content synchronized by genlock and at the same time scale the contents for the controllers with pixel accuracy. For this task we used two Picturall Pros, which were controlled via a central control pad with presets.”

He notes that, “during the numerous tests we made before production as well as during the three-week shoot we had no problems with our systems and used them perfectly. The operation of two Picturalls with presets via a common control pad was convenient and made the operation even easier. In addition, Analog Way always offered us the best and, most importantly, uncomplicated service.”

“We’re pleased that the stable processing and content delivery for the rXone LED video walls was handled by our Picturall Pro media servers,” says Lukas Falgenhauer, Analog Way’s Regional Sales Manager for DACH and Eastern Europe.

“There are only a few products in our market which can currently achieve play out with this amount of pixels from a single machine. And there are some features, like easy change of updated media, easy cue/presets programming and fast and easy colorimetry adjustments, which makes the Picturall Pro the perfect tool for that application.”

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About Analog Way

Analog Way is a world-leading designer and manufacturer of innovative equipment dedicated to the professional audiovisual industry. The company’s portfolio includes a wide range of award-winning multi-screen presentation systems, media servers, event controllers and multi-format converters, designed to deliver uncompromising video presentation experiences to high-end staging and premium system integration. For 30 years, Analog Way has provided advanced processing technologies, which accommodate a large range of applications, from massive video wall installations to large corporate events worldwide. www.analogway.com

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