

Analog Way products:
DPH104
Aquilon C

South Korea's Incheon International Airport's Media Tower Upgrades Technology with Analog Way's Aquilon C Presentation System with DPH104 Image Processors

In South Korea, Incheon International Airport's stunning Media Tower caused a sensation when it was installed at the end of 2018. The 27 x 10 x 3.5-meter LED block, with a total resolution of 4864 x 6656 pixels, displays striking short films from international media artists and serves as attention-getting digital signage for an array of messaging.



When the Media Tower required a technology upgrade recently, Analog Way's Aquilon C 4K/8K multi-screen presentation system and videowall processor combined with Analog Way DPH104 image processors to improve

and enhance the attraction's performance.

Originally, system integrator and content provider Giant Step proposed a leading brand's media server to the Incheon International Airport Corporation (IIAC) to drive the Media Tower. That server ultimately had sync issues and was not up to the task.

Given the Media Tower's massive pixel canvas, the LED processor needed 21 Full HD (FHD) outputs to cover the display. Analog Way's Business Development Manager in Korea, Chris Choi, demonstrated how an Aquilon C coupled with six Analog Way DPH104 units could power the Media Tower without any synchronization issues – the only solution for a display of this size.



DPH104 is a high-performance latency-free 4K image processor able to convert one 4K DisplayPort output from a LivePremier™ presentation system, such as Aquilon C, or a Picturall Mark II media server to four independent 1080p HDMI outputs. All the outputs on the DPH104 can be used with native resolution just like they were directly connected to the source system. DPH104 does not require software or configuration and guarantees an easy and trouble-free installation experience.



For the Media Tower, sources are input from the media server to Aquilon C then six DP104 units split the inputs into 21 FHD outputs. Those FHD signals are then sent to the LED panels by 21 LED controllers for a perfectly-synchronized display. Two extra DPH104 units are on hand as backup systems.

The Aquilon C and DPH104 install not only solved the Media Tower's sync problem but given the newly optimized video processor environment, creatives can utilize a PIP function with smooth transitions in the future – a capability the tower did not have before.

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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