9-Hour Live Stream at Aviation & Aerospace Exhibition



Client: China International Aviation & Aerospace Exhibition
Industry: Aerospace & Live Broadcasting
Application: Live Event Streaming

The 15th China International Aviation and Aerospace Exhibition, held in Zhuhai, China, is one of the premier global showcases for cutting-edge aviation and aerospace technology. Attracting industry leaders, innovators, and media giants like *China Central Television (CCTV)* and *Aerospace News*, this prestigious event spans indoor exhibitions and outdoor displays, offering a dynamic platform to demonstrate advanced equipment and solutions. In 2024, Telycam had the privilege of supporting this high-profile event with a flawless 9-hour live stream, powered by our **Vision+ 4KN** 30X PTZ cameras. From capturing intricate details at indoor booths to showcasing expansive outdoor aircraft displays, our technology delivered a seamless and high-quality broadcast that earned widespread recognition.

Challenge

The 15th China International Aviation and Aerospace Exhibition posed significant technical demands for live streaming coverage. Broadcasting an event of this magnitude required exceptional visual clarity across varied settings—spanning indoor exhibition booths and expansive outdoor displays—alongside unwavering performance throughout a prolonged 9-hour duration. The production also necessitated real-time adaptability to shift between multiple camera angles seamlessly.

The Telycam Solution

Telycam deployed the Vision+ 4KN 30X PTZ cameras to tackle these challenges with precision and reliability. Designed for high-quality, long-duration live streaming, these advanced cameras delivered outstanding performance throughout the entire 9-hour broadcast. Here's how the Vision+ 4KN 30X excelled:

- **30x Optical Zoom**: From close-ups of intricate booth displays to wide shots of outdoor aircraft, the 30x optical zoom captured every detail with stunning clarity.
- **POE+**: Powered by Power over Ethernet Plus (POE+), the cameras ensured uninterrupted performance over the extended event, eliminating power concerns.
- **Built-in RTMP**: With Real-Time Messaging Protocol (RTMP) support, the Vision+ 4KN 30X provided smooth, real-time transmission to online platforms, keeping the global audience engaged without a hitch.
- **Preset Positions**: Preprogrammed camera angles enabled instant transitions between perspectives, adapting seamlessly to the event's evolving demands.
- **Remote Control**: Operated via a web interface or control keyboard, the cameras offered real-time adjustments with ease, empowering the production team to maintain full control throughout the broadcast.

The 9-hour live stream proved a triumph, delivering impeccable 4K visuals and consistent reliability across the entire event.

Curious about how we pulled it off? Check out our full demo video to see the **Vision+ 4KN 30X** in action at the 15th China International Aviation and Aerospace Exhibition.

