Cracks Podcast Live Show with Vision+ 4KN

On June 23, 2024, the “Cracks” podcast, a YouTube channel with 6 million subscribers, streamed a live EURO 2024 analysis show covering Ecuador vs. Venezuela and Mexico vs. Jamaica.

GNODE enhanced the production with **Vision+ 4KN** 30X PTZ cameras and TriCaster, providing high-resolution footage, low-latency NDI® transmission, and seamless virtual background integration. The professional live stream engaged over 16,000 viewers.



The Challenge

- **Green Screen Precision:** Ensuring accurate alignment between hosts and the green screen was critical to prevent visual artifacts such as color spill and edge distortion, which could compromise the realism of the virtual background.
- **Low-Latency Streaming:** A seamless connection with YouTube was essential to minimize latency, ensuring real-time audience engagement and a smooth, uninterrupted viewing experience.
- **Streamlined Setup:** Traditional multi-camera setups with camcorders or studio rigs required extensive cabling and manual adjustments, increasing production complexity and costs. A more efficient, integrated solution was needed to simplify operations without sacrificing quality.

The Telycam Solution

We used the Vision+ 4KN 30X PTZ cameras and TriCaster to address these challenges:

- **Accurate Camera Tracking**: Integrated FreeD technology continuously transmitted real-time camera position and lens data, enabling precise synchronization with virtual graphics systems in AR and virtual studio applications.
- **Low-Latency Streaming**: With NDI® support, the camera delivered high-efficiency, low-latency video transmission, ensuring smooth and responsive live streams.
- **Simplified Setup**: PoE (Power over Ethernet) powered the camera and transmitted data through a single cable, reducing cabling complexity and streamlining installation.

TriCaster served as the live production hub, switching between camera angles in real time and rendering the virtual background with NDI-enabled low-latency processing, ensuring a seamless broadcast flow.





The Result

The “Cracks” podcast live show on June 23, 2024, supported by GNODE, attracted over 16,000 viewers with sharp, dynamic visuals powered by **Vision+ 4KN** 30X PTZ cameras and TriCaster. The seamless integration of a virtual background not only ensured a smooth and professional broadcast but also enhanced the visual experience, adding a more engaging and immersive touch to the show.

Catch the replay of the live show here:

