Shanghai Rifle Championship: Capturing Split-Second Moments in High-Stakes Sports

In events like the China Shanghai Rifle Championship, every millisecond counts. Competitors' steady hands, distant targets, and explosive reactions demand a PTZ camera for sports that matches their precision. Our PTZ camera, designed specifically for shooting competitions, offers smooth pan-tilt-zoom control and captures every moment with exceptional clarity—making it an ideal choice for elite rifle championships and live sports streaming.



Traditional setups often struggle with issues like:

- Risk of missed shots due to delayed manual adjustments.
- Blurry close-ups when zooming on distant targets.
- Inconsistent lighting challenges in indoor arenas.
- Safety limitations preventing camera operators from accessing sensitive areas.

The event organizers needed a solution that could deliver broadcast-grade visuals without compromising safety or agility. That's when the Telycam **Vision+ 4KN 30X PTZ camera** stepped in, showcasing its versatility and precision in high-stakes sports streaming and beyond.

Why PTZ Cameras are Ideal for Sports Events?

30X Optical Zoom

The Vision+ 4KN's ultra-long zoom captured shooters' facial focus and distant targets (up to 100m) in razor-sharp 4K60, as if the camera were inches away—without risking operator safety near the firing line.

AI Auto-Tracking

Competitors moved? The Vision+ 4KN's tracking locked onto shooters instantly, even during rapid reloads or stance changes. No manual pan/tilt required.



Production Cost Slashed

The crew reduced manual camera operators by 40%, reallocating resources to enhanced graphics and commentary.

Pre-Set Positions

With custom presets, the camera snapped between key angles—shooter close-ups, target close-ups, judge reactions—in milliseconds, keeping the action fluid.

Remote Control

Operators controlled the Vision+ 4KN from a secure booth via VISCA over IP protocols, avoiding disruptions in the sensitive competition area.

Quote from the Field

Zhang Hao
Director of Broadcast Operations

> *"During the event, the Telycam Vision+ 4KN truly impressed us. Its precise autofocus and smooth tracking perfectly captured every move of the athletes, especially during fast-paced action and long-distance shots, where the footage remained sharp and stable. Its reliability gave us complete peace of mind during the live broadcast, allowing us to focus on delivering the most exciting moments of the competition."*

If you found this case study helpful and want to know more about Telycam PTZ cameras, don't forget to reach out to our team at sales@telycam.com.