Telycam PTZ Cameras for the Shanghai Men's 10m Air Rifle Selection Competition Live Broadcast



In air rifle competitions, precision is everything. Every shot matters, and athletes must maintain absolute focus. To deliver a flawless live broadcast of such an intense event, high-quality visuals and cutting-edge camera technology are essential.

At the Shanghai Men's 10m Air Rifle Selection Competition, Telycam's PTZ cameras excelled with superior optical zoom, precise autofocus, and stable tracking, capturing every trigger pull with remarkable clarity. From the athletes' unwavering concentration to the moment the pellet strikes the target, Telycam ensures that every detail is vividly presented—bringing audiences closer to the action and the thrill of every point scored.

Challenges

The team faced several challenges during the live broadcast of the Shanghai Men's 10m Air Rifle Selection Competition:

Multiple Camera Angles

The event required capturing 8 competitors from various angles.

Limited Space

The venue's confined layout made traditional camera setups impractical.

Dynamic Event Requirements

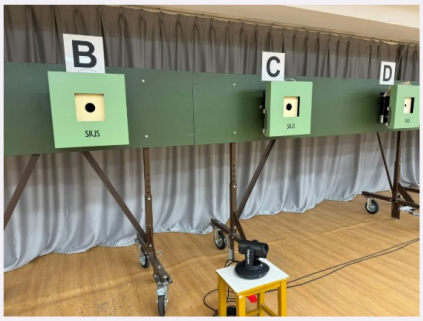
Close-ups and wide shots were necessary, but capturing these from the target side posed a risk to both operators and equipment.

Telycam's Solution: Precision & Efficiency in Live Streaming

To tackle these challenges, Telycam's **Vision+ 4KN 30X PTZ cameras** provided a seamless and efficient solution:

- Optimized Camera Setup – Five Vision+ 4KN cameras were strategically placed: three at the front for close-ups and two diagonally for wide shots.
- High-Quality Video Output – Integrated with a Blackmagic ATEM 4 M/E Constellation switcher, delivering uncompressed 1080p60 video.
- Effortless Control – Managed via the **V Joy+** joystick, enabling a single operator to control all cameras from one device. With NDI support and PoE+ connectivity, the cameras were seamlessly integrated into the local network for remote operation.
- Web-Based Remote Management – Alternatively, the cameras could be controlled via their WebUI, allowing for adjustments and movements directly from a web browser.

This setup ensured smooth, high-quality coverage while overcoming spatial constraints and operational risks.





Telycam PTZ cameras helped the team overcome space limitations and dynamic event demands by:

- Delivering high-quality footage from various angles.
- Minimizing camera presence and operator risk.
- Simplifying control with remote management options.

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.

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