



RefCam®

In an age where audiences crave richer storytelling and deeper connections, the demand for immersive content has never been greater. Fans don't just want to watch the game – they want to feel it, live it, and see it through the eyes of those closest to the action. Yet, despite this growing societal appetite, point-of-view (POV) cameras have struggled to become a staple in live broadcasts due to technical limitations. Enter Riedel's RefCam®: the game-changer that breaks these barriers.

Combining lightweight, ergonomic design with seamless 5G connectivity and effortless integration into modern workflows, RefCam revolutionizes the way live sports and events are experienced. For the first time, broadcasters can deliver stunning, real-time perspectives directly from the referee's vantage point, redefining audience engagement and bringing fans closer to the heart of the action. RefCam isn't just a new tool – it's the future of immersive sports storytelling.

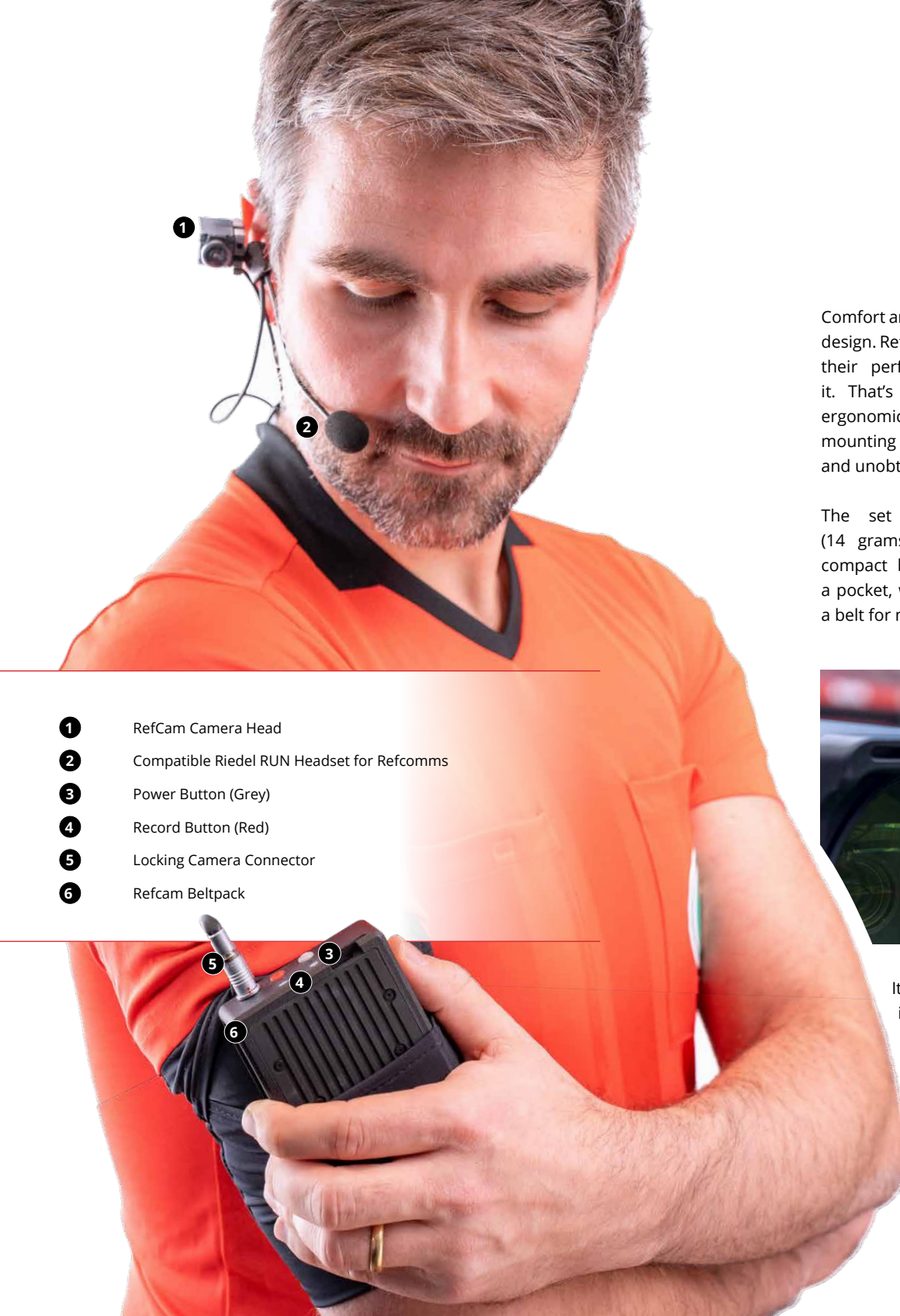
RefCam is available in two models: RefCam Live, a 5G-enabled version that streams high-definition video in real time while recording locally for redundancy, and RefCam Record, a non-streaming version that records locally in high-quality formats. For clients looking for an all-in-one managed solution, Riedel offers Easy5G™ – a private 5G campus network solution delivering secure and low-latency connectivity. The extensively tested Easy5G-RefCam turnkey solution is perfect for productions requiring reliable, high-performance network infrastructures and fast and carefree deployment.

The Riedel RefCam was developed in close cooperation with Bundesliga referees to ensure its design fully meets referees' needs and concerns. Since then, the system has proven its worth on soccer pitches, in fighting rings, on ski slopes and beyond.

Features

- Video output in 1080 / 720i/p in 50Hz / 59.97Hz
- Electronic image stabilisation
- Live video preview for easy set-up
- Live video transmission via Easy5G
- Video recording via SD storage
- Ultra-light headgear (14 grams)
- Integrated microphone (audio can be enabled / disabled)
- Integration with multiple headset types to combine with intercom





- 1 RefCam Camera Head
- 2 Compatible Riedel RUN Headset for Refcomms
- 3 Power Button (Grey)
- 4 Record Button (Red)
- 5 Locking Camera Connector
- 6 Refcam Beltpack

Comfort and usability are central to RefCam®'s design. Referees need a camera that enhances their performance, not one that hinders it. That's why RefCam is lightweight and ergonomically designed, with customizable mounting options to ensure it stays secure and unobtrusive during fast-paced action.

The set comprises an ultra-lightweight (14 grams) head-mounted camera and a compact beltpack, which can be placed in a pocket, worn on an armband or clipped to a belt for maximum mobility.



It boasts an intuitive two-button interface for starting/stopping recordings or live streams, while LED indicators provide clear feedback on battery life, recording status, and connectivity.

RefCam also integrates seamlessly with Riedel's Bolero, Easy5G™ and MediorNet systems. Where Bolero and Bolero S provide communication for referees and production professionals with our RUN and TAC headsets, RefCam can be mounted on the same earpiece to provide an all in one Cam and Comms solution. RefCam Live transports its video and audio easily over the Easy5G network and can be delivered into the real-time routing solution of MediorNet, ready to go anywhere it is required.

But RefCam isn't just about convenience for referees and broadcasters - it's about transforming the audience's experience. By putting viewers in the center of the action, it delivers an emotional connection that static cameras and traditional broadcasts simply can't replicate. Whether it's the thrill of a last-minute goal, the tension of a decisive call, or the sheer energy of a live event, RefCam ensures these moments are more than just seen - they're felt.