



PIXELHAWK LTD

Infinite Tech Solutions.  
No Impossibilities

## ***"Scoremaster" Watch - Vitals and Score Keeper***



### Introduction

The Competition Watch is a revolutionary smartwatch designed specifically for competitions and events. It combines vital monitoring capabilities with a scorekeeping system, enabling efficient tracking of participants' performance and health during the competition. This white paper outlines the key features, functionalities, and benefits of the Competition Watch.

### Key Features

**Long-lasting Battery Life:** The smartwatch is powered by an Ion lithium battery that can last up to 7 days before requiring a recharge, ensuring uninterrupted usage throughout the competition.


**RFID Data Reception:** The Competition Watch receives RFID data from multi-fob keychains and event relays, capturing essential information related to the competition.

**Vital Information Display:** The watch displays critical data, including date, body temperature, location (GNSS - global satellite), heart rate, and real-time score count, providing competitors with instant feedback on their performance.

**Scoring System:** The smartwatch is equipped with a comprehensive scoring system, utilizing five colored fobs, each associated with scores of 0 (clean sheet), 1, 2, 3, and 5.

 [Info@PixelHawk.co.uk](mailto:Info@PixelHawk.co.uk)

 [www.PixelHawk.co.uk](http://www.PixelHawk.co.uk)

 07843422478



## PIXELHAWK LTD

Infinite Tech Solutions.  
No Impossibilities

When scanned, the watch creates a new section and applies the relevant score based on the scanned fob.

**Event Time Recording:** The Competition Watch records event times from the moment a competitor passes the relay and sets off to complete the sections. Upon return to the relay, all recorded scores and event time data are updated to a local system.

**Real-time Score Chart:** All recorded scores and timings are transmitted to a central score chart system, allowing live access to data through various platforms such as internet, apps, and websites.

**Competitor Profiles:** The smartwatch supports competitor profiles, enabling the addition of names, images, and other relevant information to be displayed on the score chart. It strictly adheres to GDPR guidelines and does not store personally identifiable information (PII) for any other purposes.

**Objection Handling:** The Competition Watch includes features to handle competition points objections and missing sections, ensuring fairness and accuracy in scorekeeping. Any faults associated with devices can have data saved and updated to a replacement during a live competition.

### Additional Upgrades

**Telemetry Sensor Integration:** Future upgrades will allow vehicle telemetry sensors to connect to the watch and send data back to the main system. This integration will provide valuable insights into competitors' performance, health, and safety during the competition.

**Comprehensive Telemetry Data:** Live scoreboard viewers will have the option to access competitor-specific telemetry data, including heart rate, body temperature, location, and vehicle telemetry such as revs, fuel, tire pressures, temperature, and speed. These data readings will serve health and safety purposes and assist in improving competitor and vehicle tactics.

### Benefits

**Efficient Scorekeeping:** The Competition Watch streamlines scorekeeping processes, ensuring accurate and timely updates to the score chart system.



[Info@PixelHawk.co.uk](mailto:Info@PixelHawk.co.uk)



[www.PixelHawk.co.uk](http://www.PixelHawk.co.uk)



07843422478



## PIXELHAWK LTD

Infinite Tech Solutions.  
No Impossibilities

**Real-time Monitoring:** Competitors can track their vital statistics and scores in real-time, allowing them to adjust their strategies during the competition.

**Transparency and Fairness:** The smartwatch's automated scoring system reduces human error and ensures fairness in score calculations, including tie-breaks.

**Safety and Health Insights:** The telemetry data integration provides valuable health and safety insights, allowing organizers to respond promptly to any health-related emergencies.

### Conclusion

The Competition Watch is a game-changing device that combines vital monitoring capabilities with an advanced scoring system. Its long-lasting battery life, real-time score chart, and future telemetry sensor integration make it an indispensable tool for competitions of all kinds. With a focus on accuracy, transparency, and competitor well-being, the Competition Watch sets new standards in competition management and data-driven insights.

For more information or inquiries about the Competition Watch, please contact Pixel Hawk Ltd



[Info@PixelHawk.co.uk](mailto:Info@PixelHawk.co.uk)



[www.PixelHawk.co.uk](http://www.PixelHawk.co.uk)



07843422478