



Portability

Accurate Positioning

Performance

# ZXY GO

## WEARABLE TRACKING

PRODUCT INFORMATION SHEET

## WEARABLE PERFORMANCE ANALYSIS FOR BOTH TRAINING AND COMPETITION

ChyronHego has been accurately measuring sports performance for well over 50 years. Today, ChyronHego sits at the very heart of collecting the most accurate, consistent and reliable sports performance data. Coaches and sports scientists use this data to make decisions on how to improve their athlete's fitness level, reduce injuries, make tactical decisions, and ultimately to improve their chances of success.

**ZXY GO**, part of ChyronHego's portfolio of wearable tracking technology solutions for sports, is a comprehensive and portable satellite-based tracking system designed with the highest precision positioning components and live radio transmission technology.

ZXY GO complements other ChyronHego Sports Tracking solutions, including **TRACAB Optical Player Tracking** and

systems. The data collected by ZXY GO can be aligned with data captured from other ChyronHego tracking products, uniquely enabling a common, sharable dataset across your sports tracking ecosystem.



## PRECISE POSITIONING, PERFORMANCE, AND PORTABILITY

ZXY GO is designed with portability in mind. It can be used in outdoor environments in any sport, and it comes in a self-contained flight-case for taking on the road when training or playing away from home.

ZXY GO is designed to enhance your ability to capture data flexibly in a wide variety of outdoor sports scenarios, whether it is for training purposes or in competition.

ZXY GO is designed using the very latest in satellite tracking technology, including GPS, GLONASS and Galileo-ready, to provide highly accurate positioning. ZXY GO is further enhanced by a reference station that provides real-time correctional information to raw satellite positioning data, which compensates for the large variations that can occur with changing atmospheric conditions and other contributing factors.

All ZXY GO components are secured within a durable flight case, which can be transported as carry-on-luggage. Each ZXY GO system contains specially tailored sport vests and accommodates up to 35 compact, wearable transponders, which can be charged from within the flight case. Set-up is a quick and easy process. You can be ready to GO in less than 10 minutes (as little as 15 minutes). When powered-up, the ZXY GO reveals autonomous and complete instrumentation for both real-time and post-processed player tracking analysis.



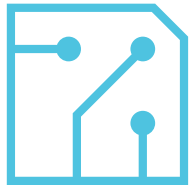


## THE ZXY REMOTE APP

ZXY Arena comes with a handy tool, the ZXY Remote App. Coaches are able to control sessions, see live and captured data, and review performance post-session.

The ZXY Remote App is supported on both the Apple iOS and Samsung Android mobile phone and tablet. Large “one-touch” button menus let you operate the app, while you keep your eye on your

players. In addition to “ Stop/Start “ operation on predefined periods, the ZXY Remote comprises a selection integrated menus for player & system management. When you need to collect, store and generate player statistics remotely from the playing field, the ZXY Remote App is the perfect tool.



# TECHNICAL SPECIFICATIONS

## ZXY GO

### Transponder

- **Physical Size:** 90x 45 x 15 mm
- **Weight:** 63 grams
- **Environment:** IP 67
- **SAT Compatibility:** GPS/ Glonass/Galileo
- **Reporting Frequency:** Remote controllable (10 Hz as default)
- **Wireless Backbound:** 4.900-5.900 GHz license free ISM band (Remote configurable)
- **Wireless Modulation:** ACCM (Proprietary)
- **Power Emission:** 0-10 dBm (Remote configurable)



## ZXY FIX

### Datagrabber

- **Data Receiver Operating Frequency Domain:** 4.900 -5.900 GHz
- **RF Channel Spectrum:** 10 MHz
- **Wireless System Modulation:** ACCM (proprietary)
- **Range:** > 1000 meter

### Base Station

- **SAT Compatibility:** Glonass/ GPS/Galileo/SBAS/

### Electrical interf.

- **Fischer Data/Power Cable:** Proprietary 4meter cable



## ZXY GO

### Central

- **Panel PC Running ZXY Sport SQL Database**
- **Carry Case Interfaces:**
  - 1 x WAN
  - 1 x LAN
  - 1 x Wireless LAN
  - 1 x LTE/4G interface
  - 1 x USB
  - 1 x MIL Fischer Connector for cabling to reference station
- **Mains Power:** 100 Vac - 240 Vac
- **MAX Power Consumption** (32 charging transponders /PC/WLAN router/ GET/FIX) : 35 Watts:







# TECHNICAL SPECIFICATIONS

## Application Software

- **Software System Tools:**
- Overall system management, monitoring and diagnosis tools
- Real Time Kinematics based data coordinator
- Session database for high resolution performance analysis
- Season database for historical data analysis
- Session replayer
- Remote system control Session/Period/Player assignment
- WEB interface for external access for analysis

- **Panel PC GUI:**
- Transponder status verification (charge indicator, active/docked)
- Satellite monitoring and status condition
- Active player overview

## ZXY GO

### Enclosure:

- **Type:** Durable carrying case on wheels with handle
- **Dimensions (W x D x H):** 560 x 455 x 265 mm
- **Weight (fully equipped):** 19 kg

## ZXY GO

### Transponder Case

- **Dimensions (W x D x H):** 360 x 70 x 245 mm
- **Weight (with 16 transponders):** 3 kg



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## ABOUT CHYRONHEGO REVEALING THE DNA OF SPORT

ChyronHego has been accurately measuring sports performance for well over 40 years.

Today, ChyronHego operates at the very heart of collecting the most accurate, consistent and reliable sports performance data. Our focus is on delivering this data live to help provide more meaningful insight to a diverse range of stakeholders. The data helps coaches and sports scientists to make important decisions on how to improve their athlete's fitness level, reduce injuries, learn more about tactical decisions and ultimately to improve the chances of success.

ChyronHego tracking solutions are deployed across entire leagues, such as the English Premier League, German Bundesliga, Spanish La Liga and Major League Baseball. You will also find ChyronHego tracking solutions supporting some of the largest international sports tournaments, including UEFA Champions League and FIFA World Cup.



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## ABOUT CHYRONHEGO

ChyronHego, a portfolio company of Vector Capital, is a global leader in products, services, and solutions for the broadcast and sports industries. Specializing in live television, news, and sports production, ChyronHego offers some of the industry's most widely deployed solutions — including Lyric<sup>®</sup>, the world's most popular broadcast graphics creation and playout offering; the all-new CAMIO<sup>®</sup> Universe newsroom workflow; and TRACAB<sup>®</sup> Optical Tracking, the global leader in optical sports tracking systems as well as Click Effects, the most proven and versatile stadium broadcast family of graphics products. Headquartered in Melville, New York, ChyronHego also has offices in the Czech Republic, Denmark, Finland, Germany, Mexico, the Netherlands, Norway, Singapore, Slovak Republic, Sweden, and the United Kingdom.

For more information on ChyronHego, visit [www.chyronhego.com](http://www.chyronhego.com).

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