

# VXSPORT™

## VX550a

### 5th Generation VX Sport Unit

VX Sport's flagship model. Research grade hardware with long range real-time functionality makes the VX550a one of the most advanced athlete monitoring devices on the market.

**All VX Sport units come with a 3 year warranty.**



### Compatible with VX Sport SmartVest *Innovative Strapless Heart Rate*

VX Sport's SmartVest has been designed for high intensity sport, bringing heart rate tracking to athletes without hard straps or domes on the chest. Heart rate sensors built into the smart fabric allow for increased athlete comfort, whilst providing more consistent heart rate data, perfect for research applications.

Size and Weight	<b>Size:</b> 80mm x 47mm x 17mm. <b>Weight:</b> 45 grams.
Player Tracking	Indoor + Outdoor Tracking in one unit, no pre-installed hardware systems required.
GNSS	10Hz Swiss high precision chip. Supports GPS, Glonass, QZSS, SBAS & BeiDou satellite systems.
Motion	<b>9 axis full motion monitoring</b> 3 axis accelerometers – logged at 100Hz per channel, for continuous body force monitoring (USB downloadable file only). 3 axis magnetometers; updated at 100Hz on each axis body force. 3 axis Gyroscopes; updated at 100Hz on each axis.
Heart Rate	Wireless heart rate detection of Bluetooth LE coded 2.4GHz digital. Compatible with VX Sport SmartVest - strapless heart rate garment.
VX LIVE	<b>Data Connection:</b> 40 player monitors can connect to a single VX Live Receiver - all secured by military grade encryption. <b>Transmission Range:</b> Full stadium coverage from a single VX Live Receiver, up to 700 meters with elevated platform of 3 meters or higher. <b>Size and Weight of VX Live Receiver:</b> 90mm x 62mm x 19mm, weight is 85 grams.
VX Live-Stream	Live data is also available to be viewed via VX Live-Stream, allowing coaches to view live data on any web browser.
Battery	Built in rechargeable Lithium battery with capacity of up to 8 hours.
Body Force Detection	Including body forces graphing tool and body position graphical reports.
Metrics	Speed, distance, heart rate, sprints/acceleration zones, impacts, jumps, and player load. Over 250 metrics available.
Data Export	Full raw data export including speed, longitude/latitude, accelerometer, gyroscope and magnetometer readings. Physical events can be exported to CSV with corresponding timestamp allowing for advanced data analysis.