



## SMARTER, STRONGER, SLEEKER

Simple usability (three smart LEDs), stronger design (military tested), less apparent to the athlete (the thinnest monitor available).

OptimEye S5 is the world's first GNSS monitor for team sport, featuring unmatched precision and durability.

Twice the satellite constellations and twice the on-board data processing means less drop out and greater accuracy.

Simply the best athlete tracking monitor available.



**catapult.**  
catapultsports.com



### ANTENNA

The most expensive antenna available.  
Accesses both GPS and GLONASS,  
taking up two thirds of the monitor.

### ULTRASONIC WELDED CASE

No screws, reducing stress points on casing.  
Unit is splash proof but not waterproof.

### LED LIGHTS

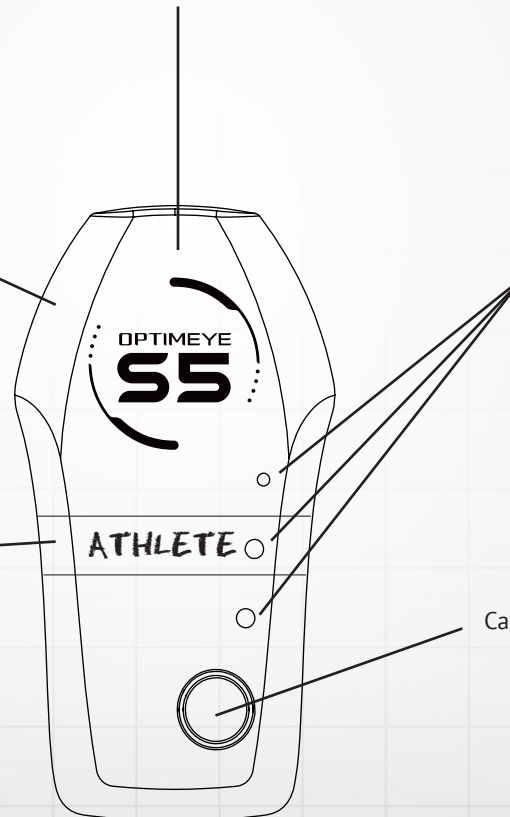
Show battery remaining,  
monitor lock, active USB connection,  
heart rate in range, SmartBall connection.

### ATHLETE ID STRIP

Designed to write athlete's name/playing number  
with permanent marker for easy identification.

### BUTTON

Turns device on and off.  
Cannot be turned off when athlete is laying on back.





<b>GNSS engine</b>	Fifth-generation 10Hz GPS engine	GLONASS-enabled
<b>Accelerometers</b>	3D, 2-16g	Up to 1000Hz, nonlinearity less than 0.5%
<b>Gyroscopes</b>	3D, 2000 degrees/second	Up to 1000Hz, nonlinearity less than 0.5%
<b>Magnetometers</b>	3D	100Hz, full scale of 1200 micro tesla
<b>Heart rate</b>	Polar compatible pickup	T31 coded straps recommended
<b>Memory</b>	2gb internal flash	Approximately 60 hours of data
<b>Battery</b>	Six hours	Lithium ion rechargeable
<b>Size</b>	96mm x 52mm x 14mm	Rounded profile for safety and comfort
<b>Weight</b>	67g	
<b>Harness</b>	Antibacterial moisture management fabric	
<b>Environmental protection</b>	Water resistant	
<b>Indoor use</b>	Heart rate and inertial sensor data	
<b>Real time data</b>	Wireless data transmission 250m	