

Transmitters



The transmitters are light, compact devices attached to each vehicle. Each transmitter is assigned a unique identification number to differentiate individual vehicles. As the vehicle passes over the Loop Antenna, the Decoder reads this identification number and determines a crossing time. The information is then sent digitally via the RaceBus to the IDU.

The transmitters have convenient LED indicators for operational status. A green LED indicates the transmitter is working. A red LED indicates a low battery condition. There is no guesswork involved in determining battery status. During a race the transmitter is also capable of relaying a low battery status to the Race Management System and informing the system operator of this condition.

Specification	
Dimensions	Approx. 3.25" x 2" x 0.75" (≈8x5x2cm)
Weight	Approx. 4oz(100 grams)
Temp Range	32-122°F (0-50°C)
Battery Life	72 Hours Nominal(100 Typical)
Operational Indicator	LED
Low Battery Indicator	LED
Humidity	100% Relative

* Specifications subject to change