

# CAPTIV-Motion

Wireless Sensors and Measurements



***Wireless measurement of 3D Motion***

***Real-time via long-range wireless Receiver***

***Datalogger for tetherless Recording with no distance limitation***

# CAPTIV

## Sensors and Wireless Measurements

### T-REC – for Real-Time to PC



- Data receipt from 1 to 16 T-SENS Motion sensors
- Triggers In/Out
- 15m range

T-REC Specifications	
Frequency	32/64/128 Hz / sensor *
Range	15m in open field
Resolution	16 Bits
Number of T-Sens sensors	1 to 16
Power	USB
Number of Triggers	2 (In/Out)
Size	130mm x 110mm x 30mm
Weight	150g

\* Adjustable

**T-Rec** is the long-range receiver dedicated to **T-Sens sensors** allowing real time recording of measurements into the **CAPTIV-L7000** software (on PC).

The **T-Rec** module also includes Trigger-In/Out capabilities for ease of synchronization of third-party hardware with **CAPTIV**.



### T-Log Specifications

Frequency	32/64/128 Hz / sensor *
Bandwidth	6144 Hz
Resolution	16 Bits
Number of T-Sens sensors	1 to 32
Memory	16GB internal
Power	Integrated battery Rechargeable via USB port or transport case
Battery life	12h
Charging time	4h
Size	117mm x 73mm x 23mm
Weight	160g
Display	2.8" touch-screen

\* adjustable

### T-LOG – Wireless Datalogger



- Recording of 1 to 15 T-SENS Motion sensors
- 12h battery life
- Data storage on 4GB internal memory

Wireless communication between **T-Sens sensors** and **T-Log Datalogger** gives subjects unrestrained freedom of movement for operating in genuine and realistic setups.

Recordings are saved directly on subjects: no need for a PC on site, no restriction with range, complete freedom for mobility.