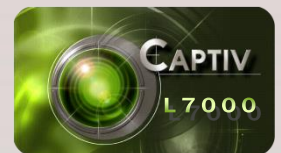


# T-Log

Wireless Datalogger



**Portable Recorder for Wireless Communication  
with T-Sens Sensors**



# T-Log

## The reliability of a Datalogger

## The ergonomics of a wireless system



In cooperation with 

**Portable recorder with tetherless communication with T-Sens sensors: forget restraining and uncomfortable cables on people!**

Wireless communication between the **T-Sens** sensors and the **T-Log** datalogger allows subjects to behave in a naturalistic fashion – with unrestrained freedom of motion.

With its large touch-screen and its powerful **CAPTIV-L7000** analysis software, **T-Log** is a unique solution which offers unchallenged flexibility to demanding professionals, whether in the lab or in the real world.

### Available T-Sens sensors

- Surface EMG (RMS)
- EKG/ECG
- Heart Rate (BPM)
- Respiration
- Skin temperature
- Skin conductance (GSR)
- GSR & Temperature
- Accelerometer 3 axis
- Force (FSR)
- Goniometer & Torsiometer
- Inclinometer 2 axis
- Orientation 360°
- Load Cell
- 3D Motion
- Universal module (0-3Vcc)

Customized sensors: contact  
TEA



### Applications

- Task Analysis
- Prevention of RSI
- Workplace ergonomics
- Environment & pollution analysis
- Heart rate surveillance
- Biomechanics, physiology
- Sport

and more...



### T-Log specifications

Memory	16 Go intern
Resolution	Up to 16 bits (depends on T-Sens sensor used)
Screen	2,8" Tactile
Communication with PC	USB 2.0 port
Sampling Rate	16Hz to 2048 Hz (depends on T-Sens used)
Bandwith	12 288Hz
Number of T-Sens	32
Recommended range	6m

### Electrical specifications

Battery life	12hrs
Recharging time	4hrs
Power	Integrated battery, via USB port or carry case

### Mechanical specifications

Dimensions	117 x 73 x 23 mm / 4.6"x2.9"x0.9"
Weight	170g / 6oz