

## COACH DATA II

## DATA RECORDING AND MANAGEMENT - SYSTEM FOR EOT CRANES AND HOISTING DEVICES

COACH DATA II : New generation of data logger dedicated to hoisting equipments.  
Thanks to the latest technological progresses, the COACH DATA II can be used as “Black Box” (event recorder) as well as hoisting equipment management device.

### Key Specifications

- Loading and configuration via USB stick, no need PC direct link
- Analogical inputs and outputs (0-10V/4-20mA)
- Digital inputs and outputs
- Large storage capacity (removable compact flash drive)
- Graphic display
- Ethernet
- SWP (Safe Working Period)
- Power Relay
- Temperature measurement
- SMS alert (optional)



### Inputs/outputs

- Connect all hoisting movements.
- Analogical input 0-10V/4-20mA (7 additional inputs according to the requested application).
- Cut wire detection.
- sampling rate : 20ms
- Overload and polarity.
- Analogical output (0-10V and/or 4-20mA) for SWP (Safe Working Period) real-time displaying on external equipment.
- Power relay for lights-, buzzers- and any other warning system.
- Temperature measurement.

### Data logging, data processing, and communication

- Data logging of all hoisting movements (up, down, translatory and directional motion) upon several years.
- Lifted loads and overloads logging + settable load spectrum analysis.
- Maintenance planning tool through SWP (Safe Working Period) calculation.
- Engine's wear indication by means of movement counts and “drumming” detection.
- Optional GSM module for SMS alerts (Overloads, SWP overdue, cut wire, ...) (option).

## Technical features

Parameters	Min	Nominal	Max	Units
Power supply	10	24	30	V DC
Analogical input resolution	-	15	-	Bits
Analogical Accuracy:	-	0.1	-	% FS
Temperature drift on analogical entries	-	0.1	-	%/10°C
Temperature measurement accuracy	-	2	-	°C (absolute value)
LCD	graphic			
Analogical input type	0-10V ou 4-20mA			
Analogical output type	0-10V ou 4-20mA			
Digital output type	0-5V or open collector			
Switching relay power	5 A under 240 V AC or 28 V DC			
Operating temperature	0	-	55	°C
Storage temperature	-15	-	70	°C
Ingress Protection Rating	-	IP65	-	-

## COACH-VIEW

The COACH-VIEW (supplied with COACH DATA), offers extensive data analysis using graphs and tables.

It features the possibility of multiple cranes configurations by means USB stick.

With this user-friendly software you will be able to schedule maintenance, detect unproductive hours, and improve your workflow.

