

STC-8250A

DIGITAL TACHOGRAPH





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System Components

The STC-8250A includes 2 smart card readers, a printer, a display, a real-time clock, operating controls and a data storage facility. In conjunction with the motion (speed) sensor and the requisite tachograph cards, the STC-8250A meets all the requirements of the latest EU directive (1266/2009).

The STC-8250A can also be connected to an analogue and digital speed indicator or an instrument cluster.

Data Recording

The STC-8250A records driving, work, availability and break/rest times for the driver and co-driver; the speed and distance travelled and other work processes and events related to the vehicle. The data relating to the vehicle is stored in the integrated memory, while driving and rest times are additionally stored on personal driver cards.

The capacity of the system memory is sufficient to record all activities more than 365 days. The driver cards hold approximately 28 days of driver activity.

Access rights/data protection

Special tachograph cards are used in the STC-8250A to comply with data protection requirements and ensure security. Fleet operators can protect their data against unauthorised access with a company card. Enforcement officers require a control card to access the system.

Authorised workshops can activate the calibration function of the STC-8250A using their workshop card.

Interfaces

- CAN interface for system and vehicle
- Interface for motion sensor
- 6-pin interface for programming, calibration and data download
- Signal output (v pulse, 4 pulses/m)
- K-Line diagnostic interface
- Information Interface

Functionality

- Various display and keypad colours
- Dual smart card readers
- More than 6 EU languages available
- Very easy to change the paper roll
- User friendly menu structures
- Fast card reading and data loading operations
- CAN instrument interface
- K-Line diagnostics
- Warning signal after 4 hrs 15 mins driving time
- Information data-out interface
- Overspeed pre-warning message and output
- Intelligent driving and resting time calculation according to regulation (EC) 561/2006

Technical Specifications

Installation dimensions	178mmx50mmx150mm (wxhxd), 1-DIN radio slot format	
Operating voltage	24V or 12V	
Measuring range	0 to 220km/h	
Operating temperature	-25 °C to +70°C	
Storage temperature	-30 °C to +75°C	
Pulse range	4,000 to 25,000 pulses per km	
Clock	Real-time clock based on UTC time	
Inputs	<ul style="list-style-type: none"> • 1 x motion sensor (real-time speed and data signals) • 1 x illumination 	
Outputs	<ul style="list-style-type: none"> • 3 x v pulse; 1 x 4 pulses/m; 1 x warning output 	
Accuracy	Speed	±1 km/h
	Distance	±1 %
	Time	±0,5 sec per day
Weight	Approx. 900g	

