

L2000 Digital Tachograph



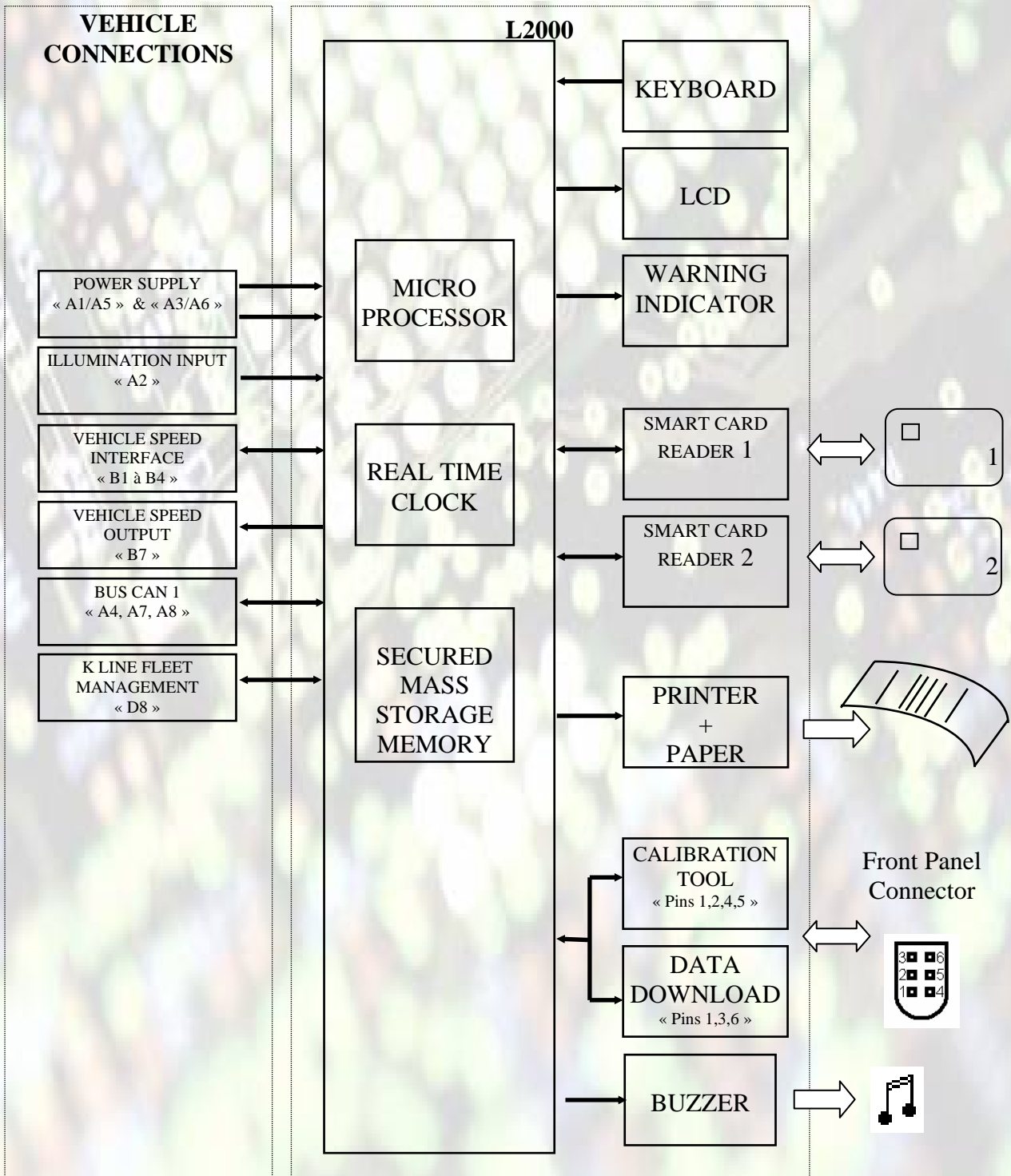
Comply with new European regulation # 3820/85

The L2000 Digital Tachograph includes:

- 2 smart card readers (Driver & Co-driver)
- 1 Printer
- 1 Liquid Crystal Display with associated keys
- 1 Warning Indicator and a Buzzer
- 1 serial interface (RS232) for data download
- 1 serial interface (ISO 14230-1 K line) for calibration
- 1 serial interface (ISO 14230-1 K line) for fleet management
- 1 serial interface (CAN 2.0B) for in vehicle communication
- 1 secured hall effect sensor for vehicle speed
- 1 (corrected) vehicle speed output
- 1 Internal secured mass storage memory



Digital Tachograph Synoptic:



The L2000 Digital Tachograph records the following information:

In the internal memory for the last 365 days if not otherwise specified:

- Vehicle speed every second, 1 km/h resolution, for the last 24 hours
- Driver activity & location (driving, working, available, resting)
- Card activity (for each insertion & extraction, card owner's name, date & time, vehicle mileage)
- Events & anomalies (card not valid, over speeding, lost of power, ...)
- Data in relation to calibration and police control

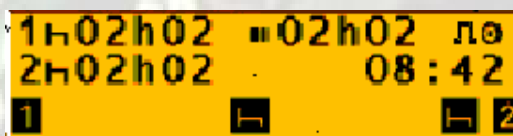
In the smart card:

- Driver ID including driving license number
- Vehicle license plate & mileage
- Driver activity & location (driving, working, available, resting) for the last 28 days
- Events & anomalies (card not valid, over speeding, lost of power, ...)
- Data in relation to calibration and police control



The L2000 Digital Tachograph displays:

- Local hour
- Mode of operation (operation, control, calibration, company)
- Driver & Co-driver activity
- Alarms (card not valid, over speeding, ...)
- Driver's & Co-driver's past-activities as recorded in their respective cards



The L2000 Digital Tachograph prints:

- Driver's & Co-driver's past-activities as recorded in their respective cards & in the internal memory
- Event & anomalies recorded in the cards and in the internal memory
- Technical data (Vehicle, driver ID, last control & calibration data, ...)
- Over speeding information





The L2000 comply with majors European environmental specifications:

- Storage Temperature: -40°C to +90°C
- Operating Temperature: -20°C to +70°C
- Operating Voltage: 9.5V to 36V

The L2000 uses a car radio format (ISO 7736).