mobile (CD0910)

Mobile smart card terminal for fast & easy time recording

Based on a consistent and simple operation philosophy, the CDO 910 data recording device is a compact smart card terminal.It is characterized by a large graphical display and a self-explanatory keyboard. Its user-friendly interface ensures simple and convenient one-hand operations.

The robust CDO910 was especially designed for mobile inhouse use. In addition, the terminal impresses with long running times using conventional batteries.

The programmable terminal can be used for mobile data recording in many different scenarios. For example, it can be configured as a time recording device in the CHIPDRIVE® time recording systems from SCM Microsystems.

Collected data can be easily transferred with a memory card from the device to a PC using a smart card reader.The device is upward compatible via software upload, thus enabling customization to current software versions. If required, new applications can also be set up on the device for immediate use.

Therefore,CDO 910 is ideally suited for implementation in a multitude of different application scenarios.

Technical Data

Internal OS	• Interpreter with basic input / output functions
Program/Data Memory	• 32-128 kBytes EEPROM
Real Time Clock	• Time/ Date function with clock calibration
Smart Card Interface	• ISO 7816-3
Smart Card Connector	• Landing contact with 8 contacts • 100,000 insertion cycles
Card Power	• Up to 25mA/5V
Card Protocols	• 2-wire/3- wire/I²C type
Human Interface	• Graphical LC Display, 128x64 dots - digital contrast adjustment • 16 key membranous keypad
Power	• Two 'AAA' battery cells • One CR1620 lithium cell (backup)
Dimensions	• Approx. 110 x 80 x 20 mm
Weight	• 150 grams
Operating Temperature	• +10° - +50° Celsius (depending on battery life)
Humidity	• Non-condensing
Approval	• CE for Home and Office use
Environmental	• RoHS • WEEE

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