

USER MANUAL FOR CDO920-DI

TIME RECORDING TERMINAL (CONTACT /CONTACT LESS)



Concept for Mounting Options

1. Desk Mount

1.1 To desk mount the unit



1.2 To dismount the unit



2. Wall Mount

2.1 To mount onto Wall

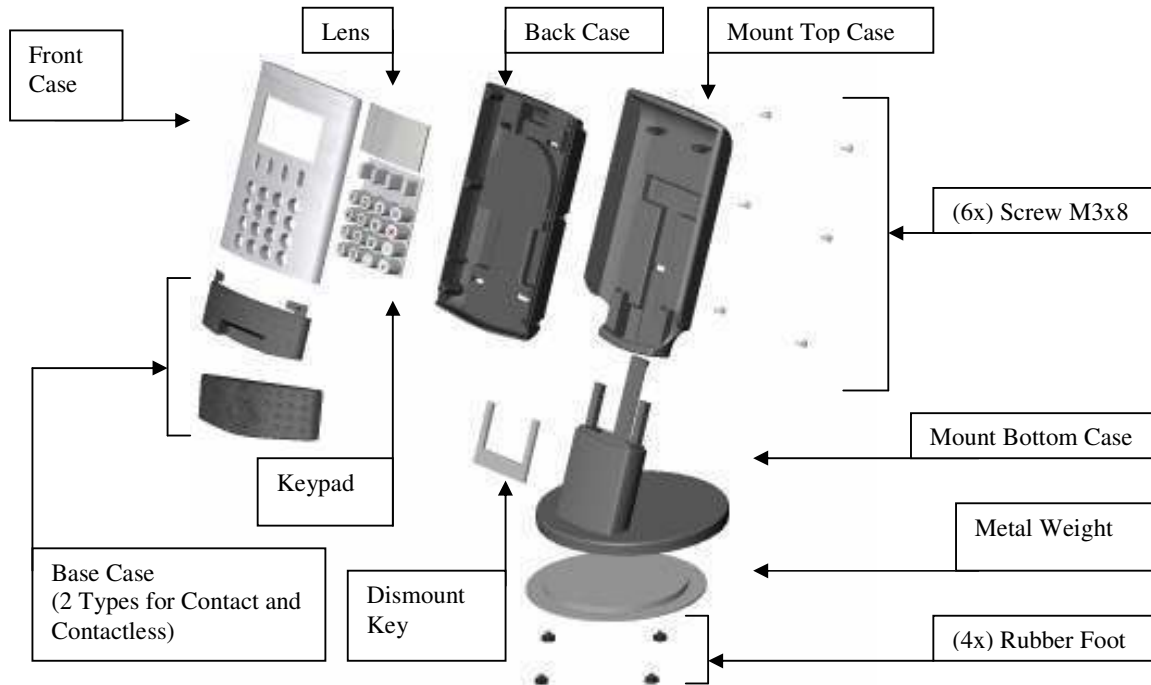


2.2 To dismount from wall



BOM (Mech Parts) for Both Mounting Options

The reader consists of the following parts:



Part	Color	Texture	Material/Remark
Lens	Transparent	Glossy	Clear PMMA or PC. Hard Coated
Front Case	Light Metallic Silver	either smooth or Aluminum brushed	ABS Metallic Silver Master batch Resin
Keypad	Similar to front	Similar to front	Hard Caps with Silicone Rubber + Carbon peels contact. Include Printing of Numbers and Symbols
Back Case	Dark gray / Black PMS 432 or higher	Rough VDI 27 or higher	Plastic ABS
Base Case	Dark gray / Black PMS 432 or higher	Rough VDI 27 or higher	Plastic ABS. Identical to the back cover
Mount Top Case	Dark gray / Black PMS 432 or higher	Rough VDI 27 or higher	Plastic ABS. Identical to the back cover
Mount Bottom Case	Dark gray / Black PMS 432 or higher	Rough VDI 27 or higher	Plastic ABS. Identical to the back cover
Rubber Foot	Black		Rubber. Plug-in Type
Dismount Key	Steel Plate		Die-Cut ?
Metal Weight	Steel Plate		200 g ?
Screw M3x8	Black or Silver		RoHs compliance. Self-Tapping Screws for Plastic

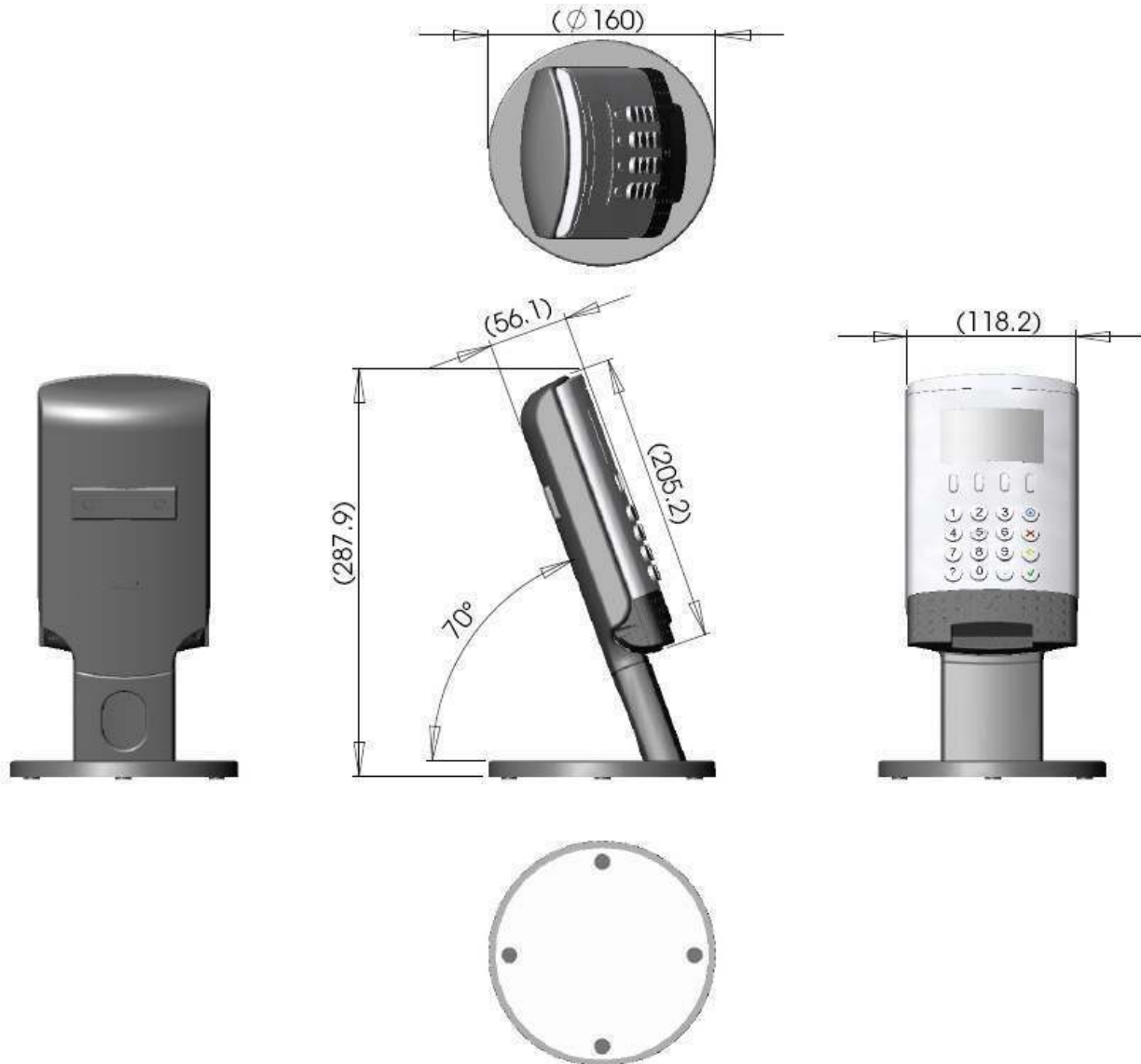


Contact less base:

A contactless base which could be replaceable with the contact base, as an example. Same color and texture as the contact base.

Overall Dimensions for CDO 920

1. Desk Mount



2. Wall Mount



EMC Regulations :

Regulation	Title
FCC (Class B)	Title 47 of the Code of Federal Regulations, Parts 2 and 15, Subpart C, Radio Frequency Devices. (USA)
VCCI:1997 Class B ITE	
Radio Law Japan	

FCC Compliance Statement (USA) :

Product type: Contact / Contact less smart card reader.
Product name : CDO920-DI

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 Sub part C of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

Reorient or relocate the receiving antenna.

Increase the separation between the equipment and the receiver.

Connect the equipment to a different electrical branch circuit from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

Any changes or modifications to the equipment not expressly approved by SCM could void the user's authority to operate the equipment.



Time recording with smart cards and contactless tags (Mifare)

- Complete package with all components
- Varied evaluation for people and projects
- Puts all time recording data in your hands
- Network connection enables permanent access to current booking times

CHIPDRIVE®

Time Recording

The new dimension of time recording

The perfect solution for small and medium-sized enterprises

CHIPDRIVE® Time Recording is the convenient solution for small and medium-sized enterprises to record and review the working hours of their employees.

CHIPDRIVE® Time Recording is perfectly suited for office use, production facilities, agencies, law firms, service industries and trade.

Each starter kit includes all necessary components for 25 employees, including: a device to clock employees in and out; a smart card reader / dual interface reader to define projects, time parameters and personal data for each user card / user chip; CHIPDRIVE® Time Recording software; and 25 user cards / user chips.

CHIPDRIVE Time Recording's extensive and powerful software ensures that managers always have the status of vacation days, flexitime, work absences, special settlements and projects available when they need it - all time recording data is always in your hands. As every component can be purchased alone, you can customize and extend your solution individually. The system can be extended to more than 300 employees.

The Software

CHIPDRIVE Time Recording software provides reports that allow managers to easily review all booking data at any time. Vacation days, flexitime, work absences, special settlements and projects available - all time recording data is always in your hands.

The software allows you to determine individual settings for each employee. For example, you can define the weekly, daily or monthly working times.

You can create projects and activities where employees book-in their times, allowing managers to view not only the individual-related work, but also the project- and activity-related work.

There is significant flexibility with project reports, with the ability to select periods of work, people, projects and tasks.

Report views can be summaries or detailed reports, including all bookings listed. For example, "Overview - now" enables managers to see who booked when or who is on vacation or ill. A Windows® Excel table provides the basis for payroll counting and contains one row per employee with all relevant data, including an apportionment of working times broken down into the relevant rates.



Time Recording

The new dimension of time recording

The Hardware

The CHIPDRIVE® Time Recording Starter Kit is available in various versions. The time recording device can be a mobile component, a network terminal or a dual interface device. All devices are compatible with existing CHIPDRIVE® Time Recording systems (from version 4.0) so that parallel operation is possible. The devices can be operated individually, or also in combination with several other devices.

Complete starter kit CHIPDRIVE® Time Recording

Each starter kit includes all components to start recording the working times of your employees immediately.

The components are also available individually. New employees can be equipped with user cards or more time recording devices can be added at any time.

Each time recording device in the system is uniquely identified by the system so you can see which device was used for each booking.



CHIPDRIVE® Time Recording

Content:

- CHIPDRIVE® mobile (CD0910)
- Wall mount for CHIPDRIVE® mobile
- Smart card reader CHIPDRIVE® desktop pro
- CHIPDRIVE® Time Recording Software
- 25 User cards
- 1 Transport card



CHIPDRIVE® Time Recording Network

Content:

- CHIPDRIVE® terminal (CD0920) including power supply (100V - 240V)
- Smart card reader CHIPDRIVE® desktop pro
- CHIPDRIVE® Time Recording Software
- 25 User cards



CHIPDRIVE® Time Recording Touch & Go

Content:

- CHIPDRIVE® terminal (CD0920 DI) including power supply (100V - 240V)
- Smart card reader CHIPDRIVE® dual pro
- CHIPDRIVE® Time Recording Software
- 25 User chips (Mifare® 13,56 MHz)

CHIPDRIVE® Time Recording

Details	CD0910 (mobile)	CD0920 (Network)	CD0920 DI (Touch & Go)
Smart Cards	yes	yes	yes
RFID	no	no	yes
Network/ Ethernet	no	yes	yes
Mobile usage	yes	no	no
Wall mount	yes	yes	yes
Power supply	batteries (2 x AAA)	power supply (110 - 240 V)	power supply (110 - 240 V)
Footstand (optional)	no	yes	yes
System requirements	Time Recording	Time Recording Network	Time Recording Touch & Go
Network	no	Ethernet, TCP/IP	Ethernet, TCP/IP
Operating system	Windows® 2000, XP, Vista	Windows® 2000, XP, Vista	Windows® 2000, XP, Vista
RAM	256 MB	256 MB	256 MB
Hard disk space	100 MB	100 MB	100 MB
Port	USB	USB	USB
Other	—	LAN/network interface card	LAN/network interface card

ALL INFORMATION CONTAINED IN THIS DOCUMENT IS PROVIDED "AS IS"; SCM ASSUMES NO RESPONSIBILITY FOR ITS ACCURACY AND/OR COMPLETENESS.
 © SCM Microsystems Inc., 2008 0226 all rights reserved. SCM, SCM Microsystems and CHIPDRIVE® are trademarks of SCM Microsystems Inc.
 All other trademarks are trademarks of their respective owners. In no event will SCM Microsystems Inc. be liable for damages arising directly or indirectly from any use of the information contained in this document.
 The SCM Microsystems Inc. homepage can be found at www.scmmicro.com.
 The CHIPDRIVE® homepage can be found at www.chipdrive.co.uk.