



LOC - PC - SECURE Specification

V1.2



Product Description

Description: LOC - PC - SECURE Specification

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2.0 Description

2.1 Safety instructions

This instruction contains useful information for the assembly, operation and administration of LOC-PC-SECURE.

Please read this instruction mindful before you start with the assembly and the operations.

Owner and User have to allude to follow this information. There is no guarantee at non-observance of this instruction for the LOC System. The assembly and the operation have to execute only by skilled personnel.

LOC-PC-SECURE is designed and build under observance of safety-related rules. The Safety is dependent on the correct installation! The installation of the electronic components and the laying of cables have to execute with much accuracy, because defect cables or spoiled components creates a breakdown on the whole system. Affirm you that every component is undamaged. Damaged components may not used.

At property damage, consequential damage or personal injury, which is based on non-observance of these instruction or faulty use, expires the guarantee.

The component has to protect against clamminess. LOC-PC-SECURE is not able for Areas with high humidity or chemical matters.

All pictures-, product-, dimension- and execution data of this instruction is at the day of publication up-to-date of the development. This product subjects a permanent update process. In the acceptance of your contentment, we reserved the changed of our product.

At frictions or queries, please contact us.

2.2 LOC - PC - SECURE

The LOC-PC-SECURE in connection with the Computer, about the USB port, can lock the Computer. If a LOC-Office Key enters the HF Field, the LOC-PC-SECURE detects the Key and sends this command to the software. Then, the software will check, whether the Key has a certain authorization to unlock the computer. If the Key leaves the HF Field, the Workstation will be locked again.

The LOC-PC-SECURE detect function is similar to the function of LOC-SR Series. The configuration is possible about the USB Port, which is available for the controlling, too. The PC-SECURE is a good solution in areas like Reception etc.. If the Concierge or Porter with the key leaves the area at the Reception, the PC will be locked automatically, until the Concierge or Porter with the key enters the area again. Therefore is given privacy in Hospitals, Hotels, Banks.

The LOC-PC-SECURE can be configured over the USB Port at the Software on the PC. Because the LOC-PC-SECURE is connected with USB Port, no additional power supply is necessary. The authorisations from the keys are saved on the Software (Database), so no autarkic working is possible.

2.2.1 Installation

1. Step:
Connect the USB-Cable with your PC. After this Step, you can connect the LOC-PC-SECURE with the other end of the USB-Cable. Few seconds after the successfully connection, the OS will give you a message that the USB connection was successfully done.
2. Step:
Please insert the provided CD into your CD-Drive. Now, you can install the Software. Please follow the installation instructions. After you have installed the Software, please restart your PC.
3. Step:
After you have restarted your PC, you can run the Software for the first time. The first Window will be a password prompt. Enter your desired password and follow the Assistant. At this time, you have read the Key to the PC successfully. If you need changes for the Range, please configure it at the accordant registermenu. Your PC is successfully secured, if you have done all the steps successfully.

2.2.1 Item number

The item number is needed for the ordering process. The product can be configured in different variations for customer requirements. The item numbers are consisting of the configurations.

Please observe:

The Field with the default value "xxx", is according to the Firmware number. Please fill into this Field "xxx", if you ordering new items. You have to fill your available number inside the Firmware field, if you are reordering some items. You have to inscribe for example the Firmware "2.25", the number "225".

Item number

203	xxx	Frequency (1 Choice)	18	09	03
		<input type="checkbox"/> 01 - 868MHz <input type="checkbox"/> 02 - 916MHz			

Example: 203 . 240 . 01 . 18 . 09 . 03

203	240	Frequency (1 Choice)	18	09	03
		<input checked="" type="checkbox"/> 01 - 868MHz <input type="checkbox"/> 02 - 916MHz			

This configuration would be a LOC-PC-SECURE in the Version 2.40. The data would receive over an 868MHz connection and the device is in a Short Range Reader Case with a USB Port. A USB-Cable in connection to the PC supplies the device with power and the data would send over a HF (868MHz) connection.

3.0 Specification LOC - PC - SECURE

LF Technics	
LF – low frequency	125kHz
Low frequency range with rectangle antenna in the Cage cap,spherical radiation	ca. 0,3m / 0,6m / 1,2m radius
Kind of communication	unidirectional
HF-Technics	
Radio frequency	868MHz (MHz (free of charge ISM Band) -> alternative 916Mhz)
Radio range	up to 20 Meters in open ambience
Kind of communication	bidirectional
Power supply	
Operational voltage typ.	5V USB Voltage (100mA @ Standby)
Interface	
Interface	USB
Systemmemory	
Count of Transponder	unlimited
Case	
Dimensions (W x H x D)	68mm x 108mm x 22mm
Protection Category	IP32
Color	Black, silver and gray
Material	PMMA
Weight	105g
Temperature	0 °C ... + 70 °C

Subject to alteration.

4.0 Dimension Sheet

4.1 Open the Cage



The 4 caps have to be removed from the base of LOC-PC-SECURE to open the cage. The 4 drills under the caps have to be drilled off the case after the remove of the 4 caps. Last, pull the cage slowly apart and you have the base with the centrepiece and the top of the case in two pieces.

4.2 Dimension

