



# LOC - Active Card Specification

V1.3



## Product Description

Description: LOC - Active Card Specification

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## Support

Address see above

## Document Details

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## 2.0 Description

### 2.1 Safety instructions

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

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

Owner and User have to allude to follow these 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.

The LOC-Active Card is designed and built under observance of safety-related rules.

The Safety is dependent on the correct installation! The installation of the electronic components and have to execute with much accuracy, 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 components have to protect against clamminess. The LOC-Active Card is not able for Areas with high humidity or chemical matters.

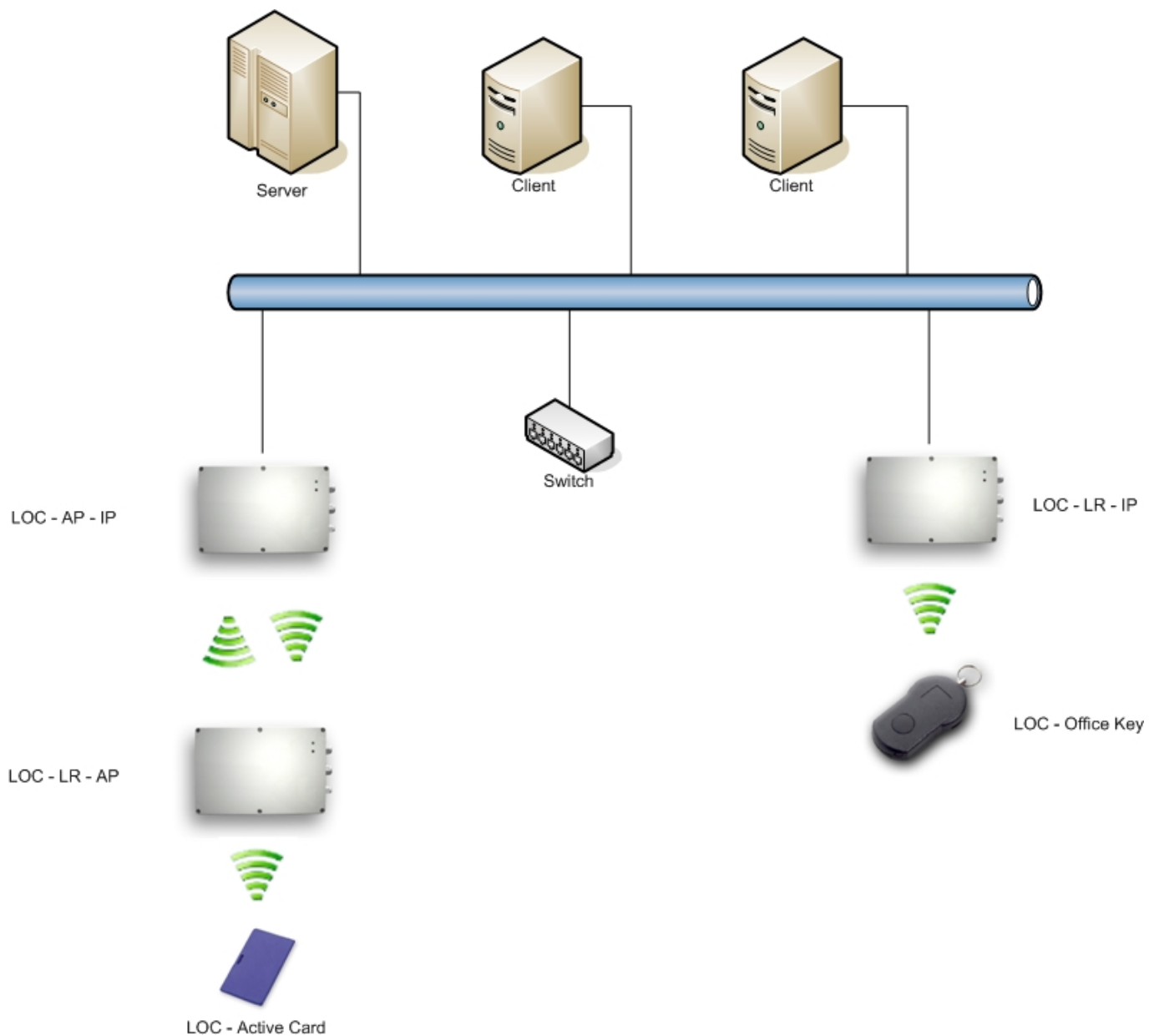
All picture-, product-, dimension- and execution data of this instruction is at the day of publication up-to-date of the development. This product subject a permanent update process. In the acceptance of your contentment, we reserved the changed of our product.

At frictions or queries, please contact us.

## 2.2 LOC - Active Card

The LOC-Active Card is the identification-, security- safety element in the LOC Pro system. She communicates with the Reader and exchanges data. These data exchange is at uplink over 125kHz and at downlink over 868 MHz. The reader checks the ID from the LOC-Active Card which is nonrecurring and the separate rights from the server if the reader is set as a Doorterminal. If the Reader is set as a LOC-LR-AP the server gets only the data which card arrives which reader (Tracking). A 3V Lithium battery provides the LOC-Active Card.

To add the LOC-Active Card in the LOC Pro system, please look at the instruction for the LOC Pro Software.



### 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

103	xxx	<b>Frequency</b> (1 Choice)	<b>Case</b> (1 Choice)	03	00
		<input type="checkbox"/> 01 - 868MHz <input type="checkbox"/> 02 - 916MHz	<input type="checkbox"/> 04 - Card Case <input type="checkbox"/> 05 - Industrial Card Case		

Example: 103 . 204 . 01 . 05 . 03 . 01

103	xxx	<b>Frequency</b> (1 Choice)	<b>Case</b> (1 Choice)	03	00
		<input checked="" type="checkbox"/> 01 - 868MHz <input type="checkbox"/> 02 - 916MHz	<input type="checkbox"/> 04 - Card Case <input checked="" type="checkbox"/> 05 - Industrial Card Case		

This configuration would be a LOC-Active Card in the version 2.04. The data would receive over an 868MHz connection and the device is in an industrial card case. A 3V CR3032 lithium battery supplies the device and the data would send over a HF (868MHz) connection.

The following tables are showing the configuration with the accordant item number.

LOC-Active Card 868MHz:

Case	Battery	Item number
Card case	CR3032	103.204.01.04.03.00
Industrial card case	CR3032	103.204.01.05.03.00

LOC-Active Card 916MHz:

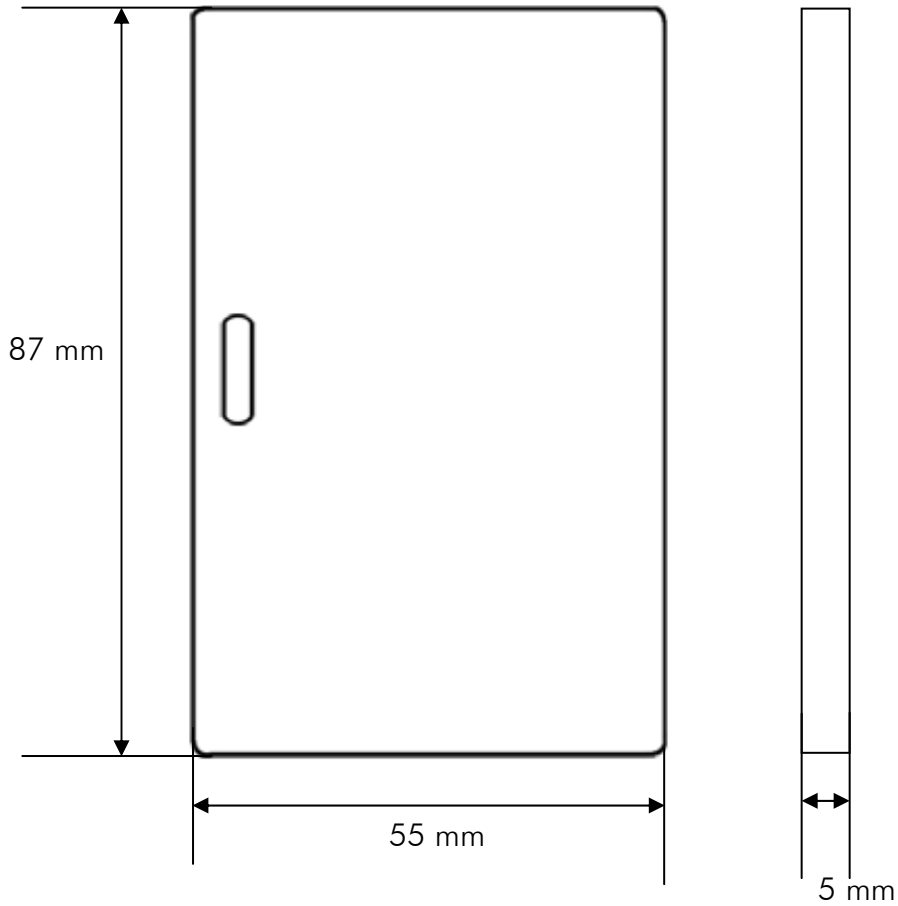
Case	Battery	Item number
Card case	CR3032	103.204.02.04.03.00
Industrial card case	CR3032	103.204.02.05.03.00

### 3.0 Specification LOC - Active Card

Power Supply	3V Lithium Battery CR3032
Data receive (Uplink)	125 KHz, 3D receive
Data send (Downlink)	868 MHz ASK
Temperature area	-20°C ... +70°C
passive Transponder	TagLite 4079

Subject to alteration

### 4.0 Dimension



Dimension: 55 x 87 x 5 ( WxHxD )