



Product

Sharebox Indoor i16/i32

Document

i-cabinet, Installation, Service Maintenance Manual

Doc no: TE-I32-01		Written by
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Revision no	i-cabinet Installation, Service Maintenance Manual	Approved By
01		Leif Arne Dalane

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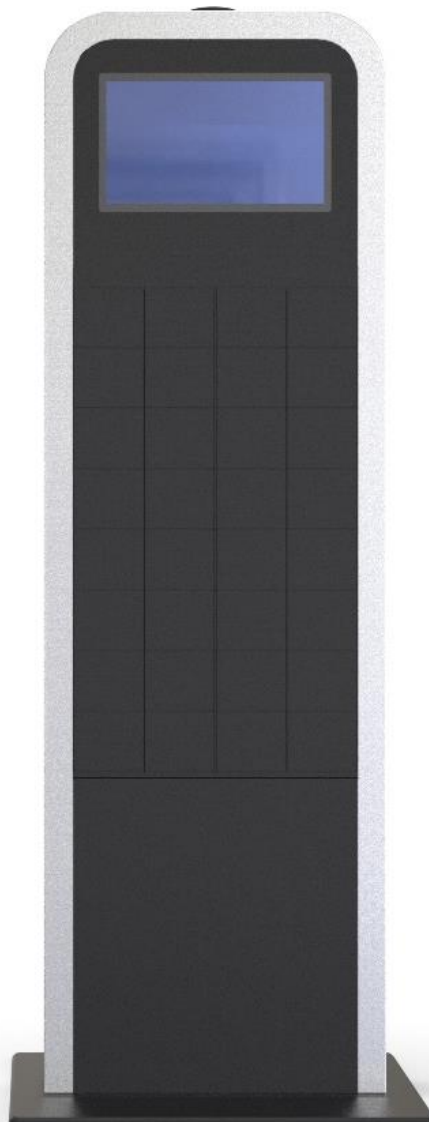
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1 Introduction

The Sharebox Indoor i32 is a free-standing key box for indoor use.

It is designed for key exchange, more specifically to hold and exchange car keys. The user can deliver a car key and/or pick up a car key, typically inside a car dealership, workshop, or car rental facility.

The cabinet is connected to a back-end server, and the user communicates with this server to get access to the key.



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2 Technical Description

2.1 Main modules

The cabinet is fitted to a steel plate that keeps the cabinet steady and prevents it from falling over. Removing back plate gives access to the internal mechanism for service or changing of internal components in case of malfunction or power outage.

2.2 HSE

Be aware of the following potential hazard point when installing the Sharebox Indoor I32.



When lifting and placing the cabinet there is a risk of getting crushed unless extra care is taken into consideration.



When lifting and placing the cabinet there is a risk that the cabinet can tumble over.



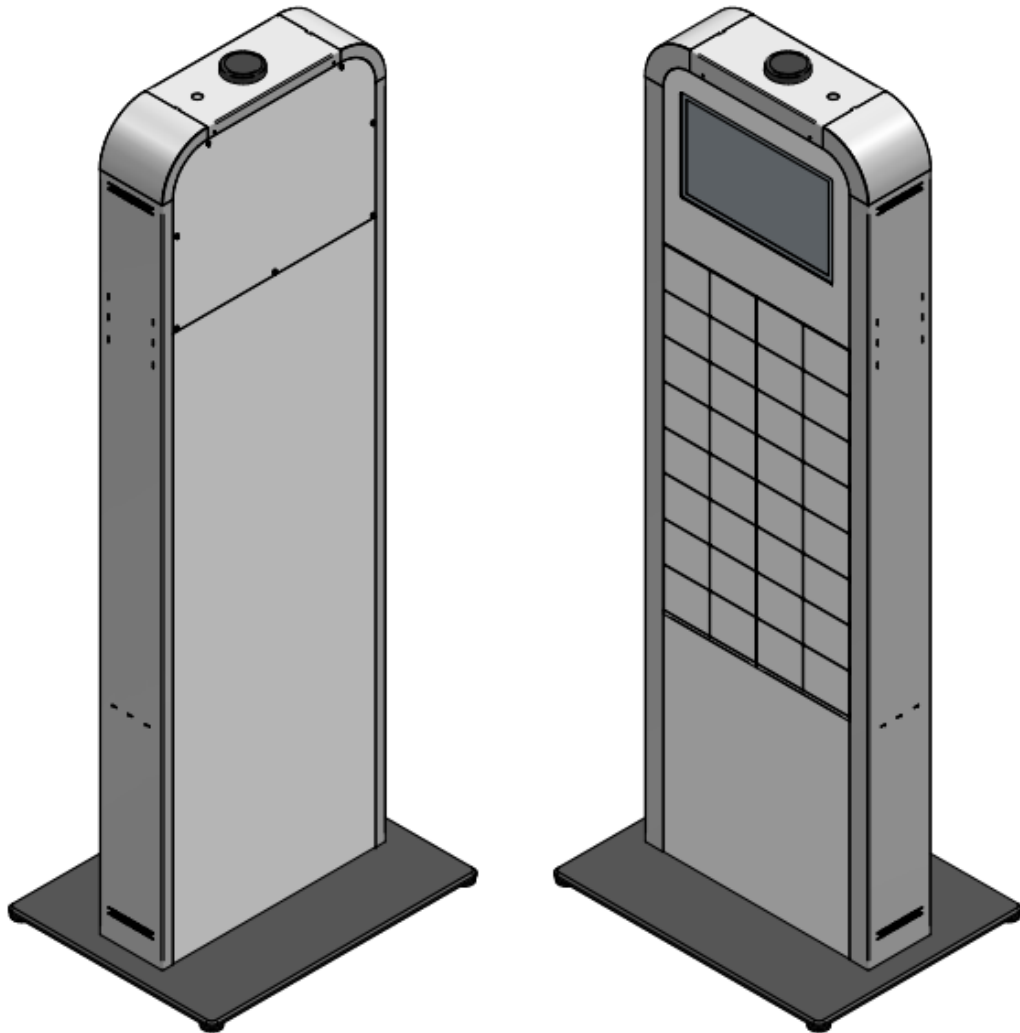
There is a risk of high voltage if the current is not locked out.

NOTE: READ THROUGH THE WHOLE MANUAL BEFORE INSTALLATION

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2.3 Size and weight

	Outside total
Height	1725 mm
Width	650 mm
Depth	500 mm
All tolerances +/- 5mm and +/- 3kg	
Weight i32 w/ base	106 Kg
Weight i16 w/ base	82 Kg



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3 Unpacking

When cabinet is received from us it will come in a large wooden box placed on a EURO-pallet.



Remove all the cover and woodwork and sort according to your internal procedures for material handling.



In the box you will also find the following:

- Remote control, for screen
- Instruction manual for screen
- Keys, for the key modules that are in the I32/I16.
- Sim-card holder, for the sim card in the I32/I16

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3.1 Connecting Cables

Cable connection is to be done in the base of the product.

The cables are 230VAC power and ethernet (Data).

Flip the cabinet slightly over and pull the cables underneath the baseplate of the cabinet.



Power and Signal are separated. The Data cable is shielded and grounded at the connection point. Cable-tie points are provided.

NOTE 1: The power cable needs to be terminated with the appropriate plug.

NOTE 2: Make sure not to leave power and data cable so that people can trip or stumble over them.

Suggested spec for incoming cables. Consult a qualified electrician if needed.

Type of cable	Cable-spec	Connector in cabinet
Power Cable 110-230V AC	H07 RN-F, 3 x 2.5kv (OD12mm)	SDS 316 AUX
Data Cable	Cat 5 or better. Shielded	RJ45 Grounded

The product is EMC-tested according to standards for "light industry"; EN55032 for emission and EN55024/35 for immunity.

The cabinet communication is always started by the cabinet using these ports:

1. Outgoing TCP/UDP Port 5938 for Teamviewer
2. Outgoing TCP/UDP Port 5959 to 5970 for Remoteit
3. Outgoing TCP/UDP Port 443 towards Sharebox server (IP 185.67.45.109)

The cabinet always uses ethernet communication if available. Otherwise, an onboard 4G modem will be used to establish a connection to the Sharebox server.

TeamViewer:

Outbound connection: TCP/UDP Port 5938

Destination IP addresses: *.teamviewer.com

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Information can be found here:

<https://community.teamviewer.com/t5/Knowledge-Base/Which-ports-are-used-by-TeamViewer/ta-p/4139#toc-hId-792961694>

Remote IT:

Outbound connection: ports 443 TCP and 80 TCP, UDP from port 5959 to 5970 Destination IP addresses: *.remot3.it, *.rt3.io

3.1.1 Optional 4G mobile router

The cabinet can as an option be supplied with a 4G Mobile Router. It is installed in the lower connection area and the ethernet cable from the cabinet is still made available in the same area and should be installed if possible.

If no ethernet cable is connected, then the unit will operate over the 4G Mobile router.

3.2 Confirm function and connection

The product is ready when power and data are connected.

Contact Sharebox support to confirm that the cabinet is online and perform a self-test as required. The cabinet responds to its "Location ID number" found on the front plate or provided separately if other agreed.

3.3 Reporting

After installation please use the following link to file in a Site Acceptance Test (SAT): [Site Acceptance Test \(sharebox.global\)](#)

Any unforeseen and irregularity must be reported to Sharebox at the following e-mail: operations@sharebox.global or to your designated Sharebox contact person.