



SAIK CARinBOX Functional description



SAIK CARinBOX – was created for institutions with a pool of company cars. The events of downloading and returning keys and registration documents are registered in the device. When returning documents and keys, the driver has the option of entering information about the route traveled. Larger compartments allow you to store complete vehicle documentation.



I. Basic device functionalities:

- Steel housing with a standard thickness of min. 2 mm (there are deviations from the given value - based on an individual project), powder coated in any RAL color (standard - RAL 7037), enabling installation on the wall and in wall recesses (if the wall material is not solid - the device must be mounted on a rack)
- Emergency access to the content using the supplied patent keys (at least in class 6), possible to be performed by authorized employees of the Ordering Party.
- Alarm siren min. 120 dB triggered spontaneously in case of sabotage (e.g. attempts to detach the device from the wall, forcibly opening the door).
- Voice messages triggered automatically when operating the device, informing about downloads, returns, system events, warnings and alarms (minimum 100 unique messages). Language version adapted to the employee, at least: Polish, English, French, German, Ukrainian, Russian.
- Possibility of expansion with further devices working under the control of the already delivered Control Panel or a new device working within the same network and employee database.
- Housing equipped with control panel and storage area for keys and/or items

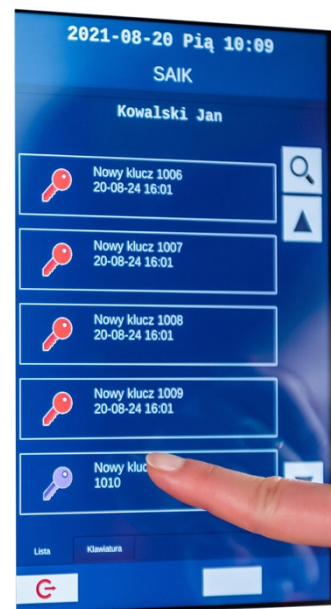
II. Control panel

A panel used to operate the device by employees.

- Integrated in the storage area for keys and/or items.
- Panel placed on the right side of the key storage part - standard (in exceptional cases - at the request of the Customer, it is possible to change the location of the panel to the left side)
- the possibility of producing a panel in the **RC2** burglary resistance class

Control panel equipped with at least:

- a. touch screen,
 - b. proximity card reader,
 - c. control computer,
 - d. emergency power supply
- (possibility of installing a camera / breathalyser - extended package)
 - Touchscreen: 7" (standard) or 10" (extension),
 - Proximity card reader selected on the basis of used identification cards in the Employer's building, with the possibility of replacement in the event of a change in the card system
 - Built-in control computer, with event memory, based on an open Linux system, min. quad-core, based on energy-saving ARM technology, min. 1.7 GHz, with built-in, integrated and non-removable memory ensuring the storage of at least 1 million events (downloads, alarms, etc.) for min. 5 years.
 - The operating system used in the depository must run under a free software license
 - Integrated emergency power supply, enabling normal operation of min. 24 hours without primary power. Spontaneous switching to emergency power supply with simultaneous information on the screen and at guard posts. Measurement of power supply capacity automatic, cyclical, during operation (without discharging the battery). Information appears on the LCD panel about the need to replace the discharged battery.



III. Key/item storage area

- Located directly next to the control panel
- Keys stored behind the automatically opened (tilted) and locked after closing main door with a safe glass (possibility of installing a different type of glass, e.g. LED window lighting).
- Access to the contents of individual lockers (special keys, items) without having to open the main door.
- Keys placed on keyrings made of stainless steel with a contact or contactless identifier in RFID technology.
- Each keyring recognized by reading an individual code in the hole.
- Keychains placed in auto-locking holes on one, indivisible key space.
- Possibility of returning the key fob to any or dedicated socket (the order of keys in the device is preserved)
- Ability to select the number of keyrings that can be returned only to a dedicated slot (no possibility to physically insert the keyring into the hole without selecting the returned key beforehand)
- Attaching the keys to the keychains with a steel latch with a serial number - a padlock (for safety and durability reasons, ropes, plastic elements are not allowed).
- It is not possible to download the keys without destroying the padlock.
- Can be reused with a new padlock.
- Putting the keys on the padlock is done manually and by yourself, without additional tools (to remove the padlock you need steel shears)
- The user can only download items assigned to him (e.g. one keychain/several keychains).
- One key/item can be assigned to multiple users.
- After proper authorization, the user sees only assigned keys/lockers on the display.
- When an assigned key/clipboard is selected, its location is highlighted.
- If there is no assigned item in the depository - the display shows who and when collected the item, optionally with the telephone number of such person.

IV. Software

- LICENSE: unlimited in time, with unlimited number of positions.
- Enables full system management: granting permissions to users, time zones, event history review, real-time monitoring.
- Allowing remote access to devices.
- The ability to notify the system administrator by e-mail about unreturned keys by users.
- Ability to export events and user data.
- Ability to create common reports for all your devices.
- Ability to create automatic backups.
- Provides encrypted RSA2048 data transmission between the device and the administrator's computer.
- Allows you to register working time using events recorded from the device.
- Enables installation on Windows and operation based on a WEB browser.
- The supplied software must be able to use the existing database of employees and key authorizations.
- Guarantee determined individually with the ordering company

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The logo for SAIK, featuring the word "SAIK" in a bold, red, sans-serif font. To the right of the text is a solid red square.The logo for BT Electronics, consisting of a green triangle pointing upwards. Inside the triangle, the lowercase letters "bte" are written in white. Below the triangle, the words "bt electronics" are written in a black, lowercase, sans-serif font.