



# Safety in the palm of Your hand

ManuScan  
Biometric identification system

Made in Germany





## **We take care of the most precious to You**

Family is the most valuable thing a person can have. Therefore, it is not surprising that we all want our loved ones to always feel safe. But family security is first and foremost the protection of one's own home.

The biometric identification system proposed by Infocom - the most reliable security system for your house. The system protects your house from the unauthorized intrusion of unwanted guests, even when You are at home.

The system will never miss outsiders!

## How does the ManuScan biometric access control system work?

To get to the home, you need to raise your hand to the system scanner.

Blood in the veins reflects infrared radiation, which the scanner illuminates the hand. This is how the pattern of the palm veins is formed. For greater safety, the presence of a pulse is also monitored.

The camera with the sensor records the image of the imprint of the veins and converts it into a unique hash. The resulting hash is compared with those stored in the system database.

If a hash is matching one in the database, the algorithm works according to the configured profiles, depending on the application of the identification system.



## ManuScan - it's convenient

When you are at home, you usually do not lock all the doors. But this allows the intruder to sneak into the house. With ManuScan you are completely free to move and you do not need to carry keys. At the same time, the door is constantly locked where it is necessary. And if you want, you can always turn on the "guests in the house" mode to deactivate the locks.



## **Simple home access control system**

If you have housekeepers, you no longer need to change locks after they are released.

You simply remove the user from the system, add a new one. There is no risk of creating copies of the key or unnecessary hassle with changing the locks.





## **Benefits of ManuScan identification system**

Palm vein scanning is a much more reliable method of identification compared to methods such as fingerprint scanning, 2D and 3D facial recognition.

The pattern of veins cannot be reproduced and forged.

The system is simple and convenient to use.

The vein palm scanner works faster compared to systems using retina or iris recognition



## **The pattern of palm veins cannot be reproduced**

- Biometric data is protected from unauthorized access at all stages of the identification process.
- Biometrics (hash) are encrypted at the level of Fujitsu Software SDK AES 128-bit – BSI-certified (ISO standards).
- The data is additionally encrypted with iCOGNIZE AES 256-bit.
- The hash is stored in an AES 256-bit encrypted database. Thus the data is encrypted three times.
- Sensor communication with the authentication node is also encrypted with AES 256-bit.



## Your home comprehensive security

There are two types of scanners - outdoor and indoor. Depending on the needs, one or another or a combination of them is used. Both types have the same purpose - identify people entering and leaving the premises or territory and restrict unauthorized access. With both types of scanners, you simply use your hand as an access key.

Outdoor scanner:

- airtight stainless-steel housing;
- stable performance in any weather;
- protection against vandalism





## Indoor scanner

Absolutely compatible with the locking system. There are different functions depending on the position of the hand in front of the scanner:

- opening or locking the door lock
- alarm activation
- lighting control
- secret police call and more

Visible in the dark - built-in LEDs around the perimeter of the case.

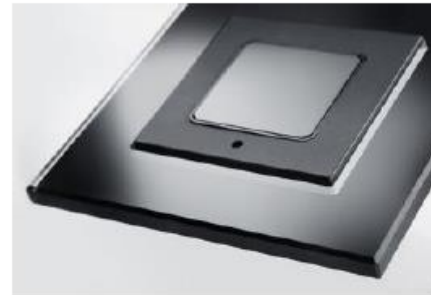
Perfectly fits into any interior:

- the most compact integrated sensor
- stylish minimalist design



## Flawless service for our customers

- Installation and consultation on the operation.
- 24/7 support.
- Individual design: choice of material, color, and shape of the case.





**Trust us your security and do not  
get distracted from your favorite  
things!**

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