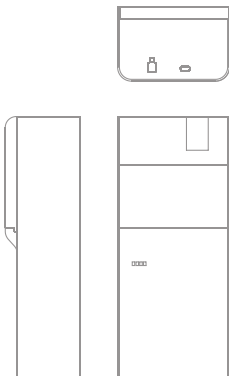




# Authenticator

Handheld Biometric Authenticator is a portable device for matching "live" scanned fingerprints with those stored on a 2D barcode printed on a badge.



The authentication process lasts a couple of seconds and is performed in two steps. It is initiated by putting a card or badge with the barcode on the embedded scanner window. Authenticator automatically detects the card and scans the barcode.

After a successful barcode information retrieval, the process goes to the next phase, which is "live" scanning of the card holder's finger. Once the fingerprint capture is completed, the operator and the card holder get the matching result - "match" or "no match" through audio and visual signals.



The device can be powered by a Li-ion battery supply, USB or A/C connectors. The battery autonomy is 12 hours under heavy usage. Authenticator communicates with the environment over USB interface. In addition, it has a general purpose output port with two galvanic isolated signals - a door lock, gate etc.

The Authenticator is intended for indoor use. It is user-friendly and fast operating, with no slots for inserting the card. The operator needs only to slide the card on top of the scanner window to trigger the authentication process.

Authentication process can be used on the following documents:

- ID cards
- Voting cards
- Health cards

<b>Technical Specifications</b>	Dimensions	Height: 61.5mm Width: 92.5mm Length: 216mm
	Weight	~ 600g (590g)
	Power supply	<ul style="list-style-type: none"> <li>■ DC 5V</li> <li>■ USB</li> <li>■ Li-Ion battery</li> </ul>
	Battery autonomy	<ul style="list-style-type: none"> <li>■ Stand-by: 10 days</li> <li>■ Work regime: min. 1000 authentications</li> </ul>
	Hardware interface	<ul style="list-style-type: none"> <li>■ USB</li> <li>■ optocoupler output</li> </ul>
	Fingerprint Scanner Resolution	500 dpi
	Barcode type	PDF417, accepts two fingerprints and demographic data
	Barcode position	Wherever on the card with 3mm frame