

MRZ reader Regula 73X7



The reader is intended for automatic reading and authenticity verification of documents, reading data from the MRZ.

The function of fingerprint scanning and verification is available.

Regula 73x7 is a mobile compact size reader with a carrier for fixing it on the waist belt. The reader is designed in metal body. It is connected to a PC via a USB cable and does not require supplementary power supply. The device has no moving parts. It is reliable, convenient and easy to maintain.

Regula 73x7 enables to read data from the MRZ in visible and infrared illumination. The MRZ reader can optionally be equipped with a module for reading RFID tags and a biometric fingerprint scanner. The device operation is controlled with the help of **Regula Document Reader SDK**.

Functionality

- Capturing and processing images
 - supported document formats
 - ID-1
 - ID-2
 - ID-3
 - other documents with maximum size 30×125 mm
 - automatic detection of a document in a scanning zone
 - automatic scanning after document detection
- the MRZ detection and recognition
- automatic recognition of a document type
- reading data from an RFID tag
- automatic authenticity verification of a document

Operation

1. The optical reader automatically detects a document in the reader slot.
2. Capturing images of the document in functional illumination modes.
3. Reading data from an RFID tag.
4. Fingerprint scanning.
5. Obtained data are processed by **Regula Document Reader SDK**.
6. The results of processing are available for further use.

Application

- Border control services
- Aviation security services
- Law-enforcement agencies
- Financial institutions
- Hotels
- Car rental and leasing companies
- Cellular companies
- Business centers security service

Delivery set

- **Regula Document Reader SDK**
- USB cable for connecting the reader to a PC

Functionality		Model		
		7307	7327	7337
Light sources of the MRZ reader	visible 630 nm	+	+	+
	infrared 870 nm	+	+	+
RFID reader			+	+
Biometric fingerprint scanner				+

Optical MRZ data reader

- Field of view, mm — 30×125 (the MRZ in a passport)
- Sensor:
 - type — CMOS
 - colour model — RGB
 - colour depth, bit — 24
 - megapixels — 3
 - resolution, ppi — 220
 - frame size, pixels — 2048×1536

RFID reader for Regula 7327, 7337

- Supported standards — ISO 14443: RFID tags of type A and B
- PC/SC protocol support
- Data exchange rate, Kbaud — 106, 212, 424, 848
- Reading an RFID tag regardless of its position in a document
- Anti-collision: reading an RFID tag according to the MRZ

Biometric fingerprint scanner for Regula 7337

- Scanning time, s — 0,15
- Size of a window for scanning a fingerprint, mm — 16×24
- Resolution, dpi — 508
- Frame size, pixels — 480×320

Technical specifications

- Dimensions (length×width×height), mm:
 - **Regula 7307** — 135×60,5×117
 - **Regula 7327** — 135×67×117
 - **Regula 7337** — 135×67×135
- Weight, kg, max:
 - **Regula 7307** — 1
 - **Regula 7327** — 1,1
 - **Regula 7337** — 1,2
- USB port supply voltage, V — 5
- Power consumption, W — 2,5