



RFT1000 reader is equipped with an optical fingerprint scanner and ISO/IEC 14443A MIFARE® proximity reader. Users can be identified by comparison of their fingerprints with fingerprint templates recorded in the reader's memory (1:N mode) or by comparison of their fingerprints with the fingerprint templates saved on the MIFARE card (1:1 mode). The reader's built-in memory allows storing of 1900 fingerprint templates while keeping a relatively rapid process of identification. The 1:1 mode provides the highest, third class recognition

in the access control system and meets certain legal regulations, which require the biometric data to be stored on a data container belonging to the employee. The reader can be connected to the access controller equipped with RACS CLK/DTA interface (RACS 4 system), access controller with RS485 interface (RACS 5 system) or to other controllers accepting Wiegand data format. Communication with the reader in LAN is encrypted using AES128 CBC standard which ensures a high level of security.

**Features:**

- optical fingerprint scanner
- ISO/IEC 14443A MIFARE proximity card reader
- MIFARE Classic cards reading/programming
- MIFARE Plus (S, X) cards reading/programming
- MIFARE DESFire (EV1, EV2 and EV3) cards reading/programming
- fingerprint template saved on the proximity card (1:1 mode)
- fingerprint template saved on the on-board reader's memory (1: N mode)
- 1900 fingerprint templates in 1:N mode
- EER (error rate) < 0.1%
- identification time 1:1000 < 760 ms
- RACS CLK/DTA, RS485 and Wiegand interfaces
- Windows application for configuration and management of fingerprints (RogerVDM)
- users and fingerprint administration directly from the access system management application (PR Master or VISO)
- communication protocol encrypted by AES128 CBC
- configuration by Ethernet
- designed for indoor operation
- CE mark

*NOTICE! Before using the fingerprint reader you need to verify whether the application of the device under particular conditions is consistent with applicable law.*

**Ordering guide**

<i>Item</i>	<i>Description</i>
<b>RFT1000</b>	Fingerprint and MIFARE (Ultralight, Classic, DESFire, Plus) card reader

**Legal Notice**

This document is not intended to be a technical specification of the product and has informative character only. The Manufactures of product reserves right to change its characteristic without notice. The product features listed in this document refer to the entire series and depends on particular product version, configuration and additional equipment.

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