



RFT1000 reader is equipped with optical fingerprint scanner and ISO/IEC 14443A MIFARE[®] proximity reader. Users can be identified by comparison of their fingerprints with fingerprint templates recorded in 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

access control system and meets certain legal regulations, which require the biometric data to be stored on 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 high level of security.

Features:

- power supply 12 VDC
- optical fingerprint scanner
- ISO/IEC 14443A MIFARE proximity card reader
- scanned fingerprint is compared with template read from proximity card (1:1 mode)
- scanned fingerprint is compared with template read from internal database (1:N mode)
- 1900 fingerprint templates in 1:N mode
- 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
- average current consumption 130 mA
- tamper
- designed for indoor operation
- IP41
- environmental conditions of operation:
 - temperature from +5°C to +40°C
 - humidity from 10% to 95%
- dimensions: 85.0 x 85.0 x 52.0 mm (height x width x thickness)
- weight: ≈160.0 g
- 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.

Order guide	
Item	Description
RFT1000	Fingerprint reader with built-in MIFARE proximity reader; up to 1900 fingerprint templates; RS485 and Ethernet/UDP ports; can be connected to ROGER controllers or others controllers accepting Wiegand format

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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