

Business – Access control
GRFA-3000



Product information:

- **User Management:** Designed to manage the setting up, adding and erasing of the lock user.
- **Key Management:** Designed to manage fingerprint enrollment and deletion, and RF card issue and deletion.
- **Locking & Unlocking:** Three options to unlock the door: with fingerprint, RF card or mechanical key.
- **Passage Status:** Passage status can be set up and deleted.
- **Unlocking Record Retrieval:** Unlocking records retrievable with software installed in a computer.

Features:

User capacity: maximum 120 RF cards and up to 250 fingerprint templates

Log-file: last 192 unlocking records of valid fingerprints, RF cards or mechanical keys

Connecting to a Computer: The lock can be connected to a computer for easy managing the lock with software to conduct the functions, such as setting up user name, enrolling fingerprint template and retrieving unlocking records, etc.

Applications: Banking, warehouse, office, home, etc.

Specification:

Type of sensor	E-field
Resolution	500dpi
Image capture time	<1 second
Response time	<1 second
FAR (False acceptance rate)	$\leq 0.0001\%$
FRR (False rejection rate)	$\leq 1\%$
Operating voltage	9V $\pm 10\%$ (Converted from AC 220V to DC 9V by the

	power adapter.)
Static consumption	<150mA (When the lock is in power saving status.)
Dynamic consumption	≤120mA (The working current during unlocking process at the working voltage of 9V-DC±10%.)
Operating temperature indoors	Between -5°C and +50°C
Operating temperature outdoors	Between -3°C and +50°C
Operating humidity	Between 45%RH and 85%RH
Fingerprint templates capacity	250
RF cards capacity	120