User manual for control board K220
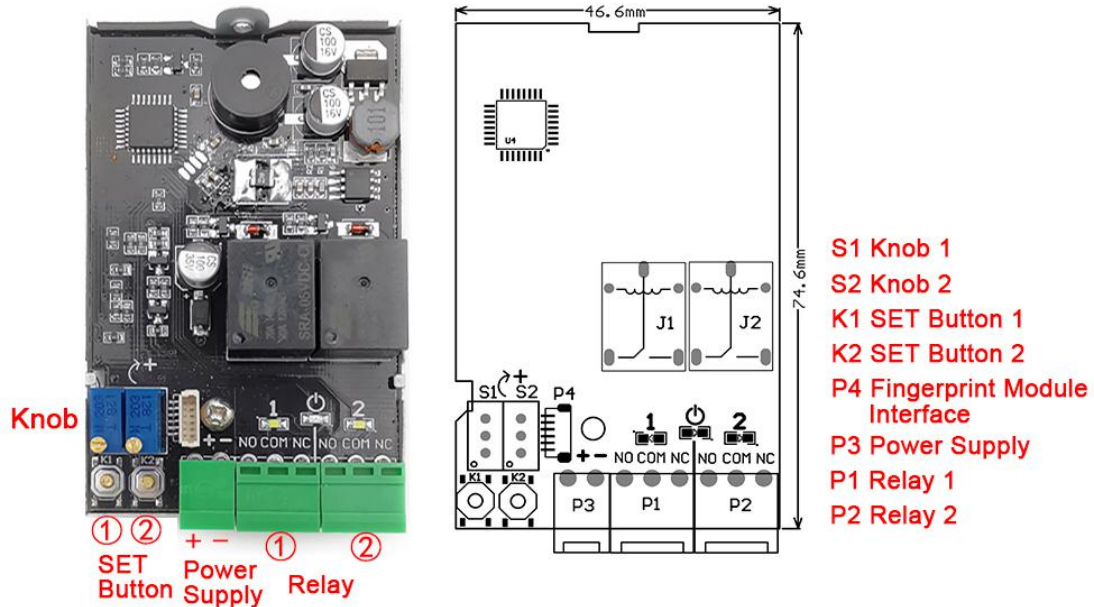

Technical parameter:

Power supply: DC10V--24V

Stand-by mode current: <10mA

Fingerprint capacity: 200 pieces

Instructions for control board:

1. SET Button(K1-K2)

1.1 **Register Administrator Fingerprint:** Press SET button shortly,system in administrator register status and blue indicator light flash fast, put the same finger with multiple times in fingerprint collection area until hearing music means fingerprint register successful. Fingerprint can be registered continuously. If no need for adding fingerprint, waiting a few seconds to exit.

1.2 **Delete Fingerprint:**

1.2.1 **Delete single relay position fingerprints:** Long press the corresponding SET button,blue indicator light flash fast,hear long "Di" beep, loosen the finger, the relay indicator light on and hear music, means this location of the admin and user fingerprints are deleted;

1.2.2 **Delete all relay position fingerprints(Back to factory default):**Long press any SET button to hear long "Di" beep twice, loosen the finger,all indicator light on, means initialization operation successful,back to factory default.

2. **Register User Fingerprint:** Press the administrator fingerprint about 10 seconds until hear the music and blue indicator light flash fast,means can add user fingerprint. Put the same user finger with multiple times in fingerprint collection area until hearing music means fingerprint register successful. Fingerprint can be registered continuously. If no need for adding fingerprint, waiting a few seconds to exit. (**Note:**The storage location of the user's fingerprint depends on the storage location of the administrator's fingerprint; If the administrator's fingerprint is stored in No.1 and No.2 at the same time, the user's fingerprint will be stored in No.1 by default.)

3. **Delete User Fingerprint:** Press the administrator fingerprint about 20 seconds until hear "Di-" and music,means user fingerprints at this location are deleted. (**Note:**The delete location of the user's fingerprint depends on the storage location of the administrator's fingerprint. If the administrator's fingerprint is stored in No.1 and No.2 at the same time, the user fingerprints in No.1 will be deleted by default.)

4. **Set Relay Time:** Rotate S1 or S2 to set the closing time of the relay from 0.5 to 60 seconds. When over 60 seconds, it will in the normally open normally closed state,relay operated when fingerprint passed, and then relay released when fingerprint passed again, relay operated and released circularly. The relay is contact output, switch signal, no voltage output.

5. **Usage:** Press the finger,the relay closes after the fingerprint passes, and the closing time is determined by S1 or S2.

Note: 1. All indicator lights are off in standby state, and the lights are on in working state;
2. If want to close the module indicator light when in the normally open mode, long press any SET button to hear long "Di" beep three times. Repeat this action to open.