

## Wiring the M2M Access Control

⚠ Wiring must be done with the system disconnected from the power source!

Ports	Function
<b>PWR (+, -)</b>	To power the Access Control device to 12V DC
<b>AUX (+, -)</b>	To power a WIEGAND reader from the Access Control device
<b>Relay 1 and Relay 2 (NC, COM and NO ports)</b>	Relay outputs (Contact Ratings: Relay 1: 30VDC/1A; Relay 2: 30VDC/0.5A) to control electric door or barrier
<b>B1, B2 inputs</b>	B1 Input: For hardwired button to activate the relay B2 Input: To trigger a doorbell event
<b>DS</b>	Input for door sensor – for future use
<b>Wiegand 1, 2</b>	For Communication with RFID WIEGAND Readers
<b>RS485 A and B</b>	RS 485 Communication - for future use

① Connecting an RFID reader to the Access Control Device is optional.

① The device is equipped with two tamper switches. Ensure that both tampers are secured when the device is operational.

## Setting up your account in the RControl End User App

Master User Credentials:

Download the RControl mobile app for end users by scanning the QR codes below:



## NFC Tags usage

NFC Tags can be used to unlock the system with the **RControl** app using the NFC functionality on your mobile device.

① NFC Settings are available only for Master users! Standard users can not view or modify these settings.

① Two NFC tags are included in the package and already pre-registered in the app. Only NFC tags purchased through M2M Services are compatible with the Access Control Device.

## NFC Tags configuration

By default, the tags included in the package are pre-enrolled. To enroll additional NFC tags (purchased separately), follow the steps below:


1. Peel off the adhesive tape. Mount one tag on the door frame inside the house and the other on the door frame outside. This will allow you to enter and exit the premises by tapping on the tags.
2. Enable NFC functionality on your mobile device.
3. In the **RControl** app navigate to **Settings** ⚙ > **NFC Tags** > „+“ > **Add Tag** button and then tap your phone on the desired NFC tag to enroll it.

Once configured, hold your phone with NFC enabled close to the NFC tag to unlock the access control system.

## Tap and hold on the tag or swipe the tag left to see options:

- Tap **Edit label** to edit label name shown in the app.
- Tap **Delete tag** to remove the tag from the app.

## Add App users

1. Open the RControl mobile app.
2. Navigate to Settings  > **App Users** > “+” and select one of the two options:
  - **Add new user** – Select this option if you would like to add a new non-existing user.
  - **Add existing user** – Select this option if you would like to add an already existing user.
3. Enter the login data required by the app.

## Unlock the door via the app

- ① Before working with the app make sure your mobile phone is connected to the Internet or Bluetooth functionality is enabled on your mobile phone.
1. Open your **RControl client app** and search for your M2M Access Control device by clicking the main menu button and then the **Search** button. You can search your device by its serial number provided with the device package.
  2. Once you find your device, select it by clicking on it and it will appear on your RControl app main screen.
  3. To trigger the relays, click on the **Open** button.

## Enable Bluetooth for faster interaction


- ① No pairing is required between the Access Control and your mobile device!
- ① To trigger the relays via Bluetooth, your mobile phone must be in the range of the M2M Access Control device.
- ① When Bluetooth connection has been established, the following icon will appear:

**ONLINE** 

## Events history

You can monitor events generated for one year in the past. You can view the events by switching to the **Events** tab.

## Enroll RFID Cards

1. Connect a Wiegand card reader according to the wiring instructions above.
  2. To add RFID cards to the M2M Access Control device, navigate to: **Settings**  > **Access Cards** > “+” button and wait for the app to load into enrollment mode.
  3. Follow the on-screen instructions to add one or more RFID cards to the Access Control.
- ① Only master users are allowed to enroll RFID Access cards!
- ① Only RFID cards enrolled in the Access Control can unlock the system.

## Tap and hold on the card or swipe the tag left to see options:

- Tap **Edit label** to edit label name shown in the app.

## Tap on the card to modify settings and permissions for the card.

## Unlock via an RFID card

Once you have enrolled RFID card(s), tap the RFID card close to the RFID reader to unlock the system.