

Qoltec®





HOTEL SYSTEM OPERATING INSTRUCTIONS EV

52428

INTRODUCTION

Thank you for your trust and for choosing our EV hotel system. We are convinced that the product will meet your expectations and will be an indispensable tool in your daily work. This user manual has been prepared to facilitate the installation and use of the device. It contains instructions for the correct use of our product. If you have any questions after reading the manual, please contact the NTEC sp. z o.o. service department.

ABOUT THE PRODUCT

With the growing popularity of electromobility, guests increasingly expect the accommodation facility to provide them with the possibility to charge their car. With the Qoltec kit, hotels can easily implement a system of EV station access cards, assigning them to specific rooms, reservations or VIP customers.

The kit includes:

- EV card programmer
- Software
- 5 EV cards

SOFTWARE INSTALLATION

1. Connect the memory stick to the computer.
2. Run the **EV_charger_Installer** file and install the software.

LOGGING IN AND CONNECTING THE DEVICE

1. Start the program - the login window will appear.
 - Login: **root**
 - Password: **123456**
 - Language: **English** or **Chinese**
2. Connect the programmer to the USB port of the computer.
 - The red LED will light up and a beep will sound.
3. In the software, select **Devices**→ **Connect**.
 - The LED will turn green, there will be a beep and a message that the connection is correct.
 - It is necessary to connect the device to the program every time the computer is started.

PROGRAMMING THE ADMINISTRATOR CARD

1. Place the selected card on the programmer.
2. Click **Read**→ to confirm initialisation (**YES**, then **OK**).
 - The unique card number will appear in the *CardID* field.
3. Click **Read** again→ confirm activation (**YES**).

4. In the configuration, leave: **CardType: SET CARD - OPERATION**. (illustration 1)
5. Set:
 - *Rate/Service fee* - rate per kWh and service fee,
 - *DevID* - device identifier (6 characters: letters a-f, digits 0-9),
 - *UserInfo* - identification of the person conjugating the card (6 characters: letters a-f, digits 0-9). (picture 2)
6. Click **Activate Card**→ **OK**.
 - The data entered will appear in the panel on the left. (image 3)

LOADING DATA INTO EV STATIONS

Apply the administrator card to each station. A message will appear on the station display with the data entered.

PROGRAMMING USER CARDS

Perform steps 1 to 3 as for programming the administrator card.

Then select the type of card from the drop-down list:

- **Amount Card** - Amount Card (set a money limit). (picture 4)
- **Times Card** - card for a specific number of charges (*Count*).
- **Time Card** - a time card (limit hours in *Time*).
- **Power Card** - a card with an energy limit (kWh).

Enter the *user* ID in the *UserInfo* field (6 characters: letters a-f, digits 0-9). Click **Activate Card**. (image 5)

CHANGING CARD SETTINGS

1. Read the card.
2. Select in the *Recharge method* field:
 - **Recharge** - increase the limit,
 - **Decrement** - decrease the limit.
3. Enter the value by which the original value is to be updated and click **Submit**.

 You can only increase the rate and charge on the admin card. A full change requires the card to be cleared and reprogrammed.

DELETING DATA FROM THE CARD

1. Place the card on the programmer.
2. On the Cancellation tab, click Card Cancellation.
 - The card will be cleared and prepared for reuse. (picture 6)

CARD HISTORY

1. Select the History tab→ View Records.
2. You can filter by card number, type of operation and date. (illustration 7)
3. The number of unique cards, the cumulative history of all operations are available.
4. To save the data to Excel - click Save.



EV HOTEL SYSTEM - USER MANUAL

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INTRODUCTION

Thank you for choosing our EV hotel system. We are confident that this product will meet your expectations and become an essential tool in your daily operations. This user manual has been prepared to simplify the installation and use of the device. It contains instructions for proper operation of the product. If you have any questions after reading this manual, please contact the service department of NTEC Sp. z o.o.

ABOUT THE PRODUCT

With the growing popularity of electromobility, hotel guests increasingly expect access to EV charging. Thanks to the Qoltec kit, hotels can easily introduce an access card system for charging stations, assigning them to specific rooms, reservations, or VIP customers.

The set includes:

- EV card programmer
- Software
- 5 EV cards

SOFTWARE INSTALLATION

1. Insert the USB stick into your computer.
2. Run EV_charger_Installer and complete the installation.

LOGIN AND DEVICE CONNECTION

1. Start the program - the login window will appear.
 - Login: root
 - Password: 123456
 - Language: English or Chinese
2. Connect the programmer to a computer USB port.
 - A red LED will turn on and a sound signal will confirm the connection.
3. In the program, select Devices→ Connect.
 - The LED will turn green, another sound will play, and a success message will appear.
 - The device must be reconnected to the program each time the computer is started.

PROGRAMMING THE ADMINISTRATOR CARD

1. Place the selected card on the programmer.
2. Click Read→ confirm initialization (YES, then OK).
 - The CardID field will display a unique card number.
3. Click Read again→ confirm activation (YES).
4. In the configuration, keep: CardType: SET CARD - OPERATION. (Illustration 1)
5. Configure the following:
 - Rate/Service fee - charging rate (per kWh) and service fee,
 - DevID - device identifier (6 characters: letters a-f, digits 0-9),

- UserInfo - user identifier assigned to the card (6 characters: letters a-f, digits 0-9). (Illustration 2)
6. Click Activate Card→ OK.
 - The entered data will be displayed in the left panel. (Illustration 3)

UPLOADING DATA TO EV STATIONS

Hold the administrator card against each station. The station display will confirm that the data has been uploaded.

PROGRAMMING USER CARDS

Follow steps 1-3 as in the administrator card programming procedure.

Then select the card type from the drop-down list:

- Amount Card - monetary limit (Illustration 4),
- Times Card - number of charging sessions (*Count*),
- Time Card - time limit in hours (*Time*),
- Power Card - energy limit in kWh.

In the *UserInfo* field, enter the user identifier (6 characters: letters a-f, digits 0-9). Click Activate Card. (Illustration 5)

MODIFYING CARD SETTINGS

1. Read the card.
2. In *Recharge method* select:
 - Recharge - increase the limit,
 - Decrement - decrease the limit.
3. Enter the adjustment value and click Submit.

 On the administrator card, only the rate and service fee can be increased. For a full change, the card must be cleared and reprogrammed.

CLEARING CARD DATA

1. Place the card on the programmer.
2. In the Cancellation tab, click Card Cancellation.
 - The card will be cleared and prepared for reuse. (Illustration 6)

CARD HISTORY

1. Select History→ View Records.
2. Filter records by card number, operation type, or date. (Illustration 7)
3. Available information includes:
 - total number of unique cards,
 - complete history of all operations.
4. To export data to Excel - click Save.

ATTACHMENT

1.

CardType

Set Card

Rate/Service fee

Amout Card

Times Card

Time Card

Power Card

DevId

4.

CardType

Set Card

Set Card

Rate/Service fee

Amout Card

Times Card

Time Card

Power Card

DevId

2.

OP

CardType

Set Card

Operation

Rate/Service fee

1.5

1

DevId

abc123

SettingCard operate

1.50 Service fee 1.00

zł

UserInfo

ad0001

Activate Card

3.

Card Information

CardType

Set Card operate

Rate

1.50

Service

1.00

UserInfo

ad0001

DevId

abc123

5.

Card Info

Card Information

CardType

Amout Card

Amount

100.00

UserInfo

000102

OP

CardType

Amout Card

Amount

100

Amout Card

100.00

zł

UserInfo

000102

Activate Card

Activate

Activate Success

OK

6.

Card Information

CardType

Power Card

Power

45.0

Charging mark

Normal

DevID

FFFFFFFFFFFFFFFFFFFFFFFF

User information

000402

Recharge

Unlock

Cancellation

Card cancellation

Card cancellation successful

OK

Cancellation

7.

CardId inquiry

32059224

Search

OP inquiry

Recharge

Creat

Recharge

Decrement

Unlock

Cancellation

Check the number of cards

Search

Statistics

2024-09-13 08:51:45

2024-09-13 08:51:45

Search

Search All

Save