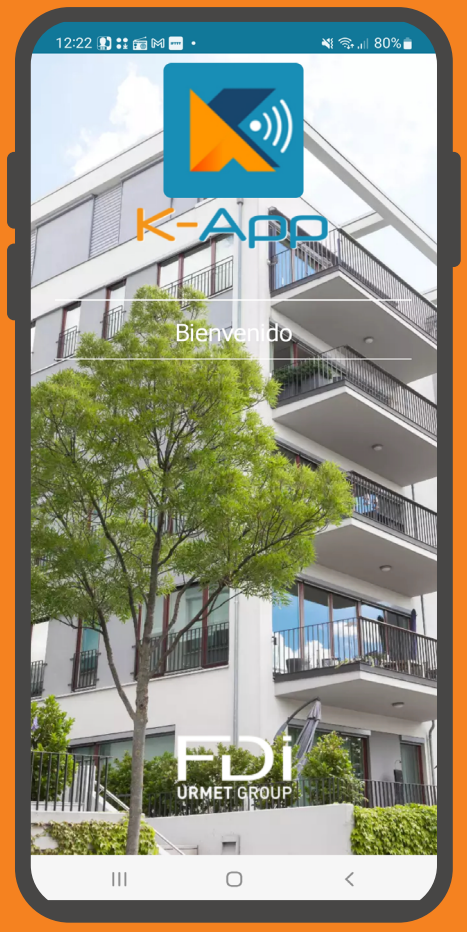
iP-opener

golmar

BLE K-APP



USER MANUAL

USM_ENG_REV0123_BLE_K-APP

1.TABLE OF CONTENTS

1.Table of contents....2
2.Introduction....3
3.K-APP instalation....3
4.Application configuration....3
4.1.Access and pairing installation....3
4.2.Permissions....4
4.2.1.Permission for nearby devices....4
4.2.2.Permission for notifications....4
4.2.3.Permission for battery usage....5
4.2.4.Authorization for automatic startup....5
4.3.Credential types....5
4.4.Main screen....6
4.5.Settings....6
5.Use....7
5.1.Use of short range access....7
5.2.Use of short and long range access....7

2.INTRODUCTION

Manual for the use of K-APP. Application that allows access with smartphones via Bluetooth signal in iP Opener systems with GM-IPOP 40, GM-IPOP 80 and GM-IPOP 80D readers.
The installer or administrator must have registered the mobile terminal and granted credentials for its use in iP Opener Manager, see manual "IM_ENG_REV0123_IP_OPENER_BLE".

3.K-APP INSTALATION

Install the "K-APP" application on your smartphone.
You can download it from Google Play or Apple Store depending on the operating system of your smartphone.
A QR quick link is available below:

Play Store QR (Android)

Apple Store QR (IOS)

IMPORTANT: K-APP is supported by iOS smartphones version 11.0 or higher and Android version 5.1 or higher. Bluetooth version required: 4.0 or higher.

4.APPLICATION CONFIGURATION

4.1. ACCESS AND PAIRING INSTALLATION

1 - The installer or administrator must have created a BLE access in iP Opener Manager. If so, you will receive an email indicating this.

2 - Once you have credentials, download the APP.

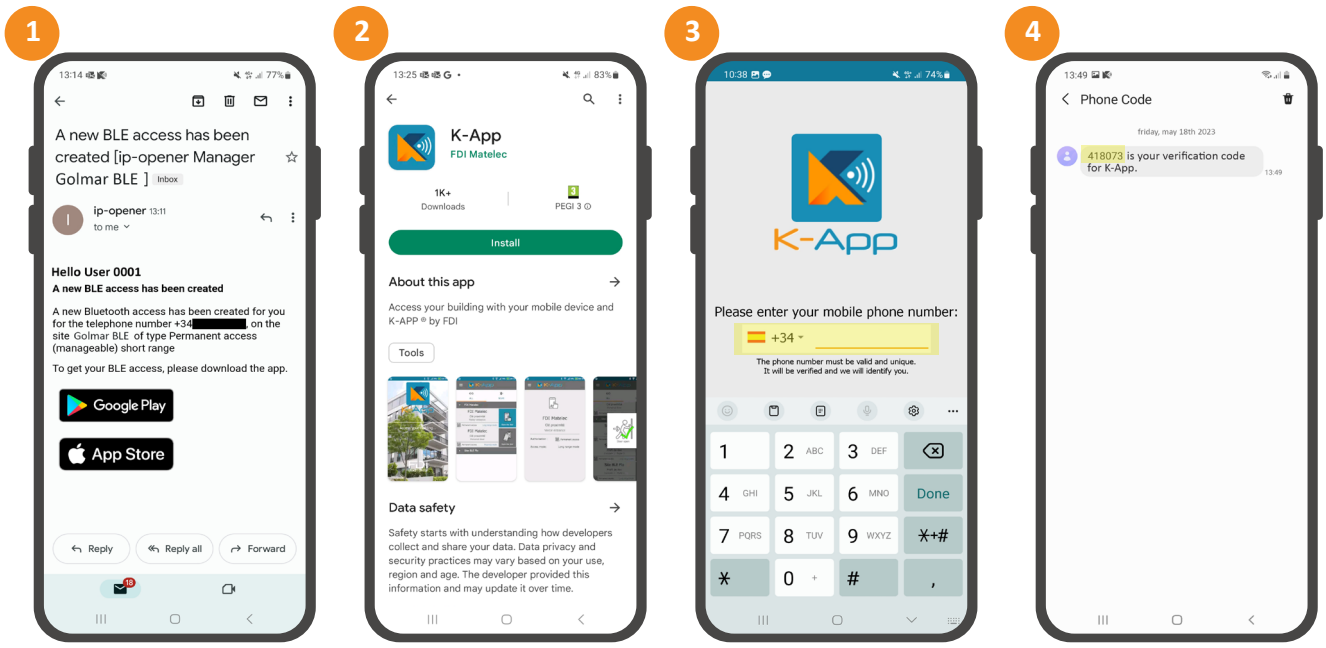
(In the previous point: "3. K-APP APP Installation" you have the QR codes to access directly to the download).

3 - Dial the phone number of your mobile device.

(The phone number must match the one provided to the administrator for the use of the credentials).

4 - You will then receive an SMS with a verification code. Check your SMS inbox and enter the code received.

(On some telephones this step may be auto-completed).

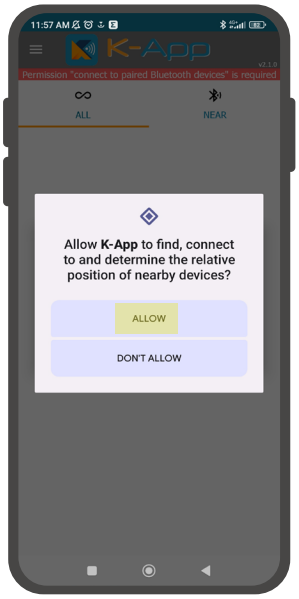


4.2. PERMISSIONS

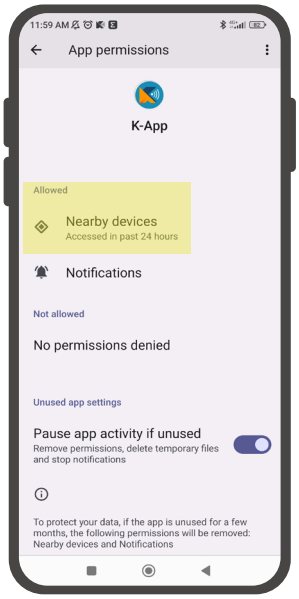
In the previous steps you have associated your mobile device with the iP Opener installation. Now you must make sure that you enable all the necessary permissions for the APP to run correctly (the appearance and requested permissions may vary depending on the mobile device).

4.2.1.Permissions for nearby devices

APP may display a pop-up window requesting permission for K-APP to search, connect and determine the relative position of nearby devices. Click "allow". In case it displays the mobile OS configuration screen, click on the "Allow" option.



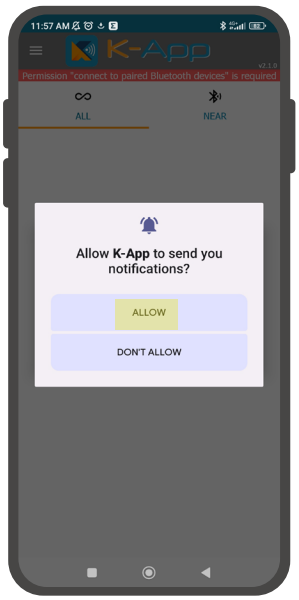
Example pop-up window view



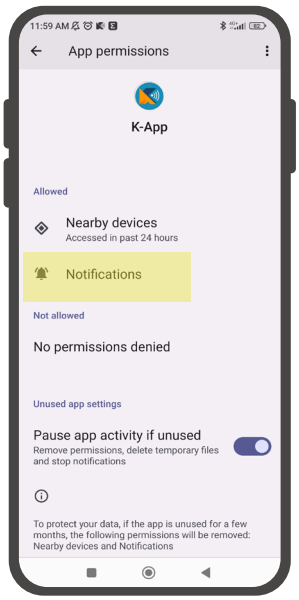
Example configuration view of the function in Android

4.2.2.Permissions for notifications

APP may display a pop-up window requesting permission for K-APP notifications.
Click "allow". In case it displays the mobile OS configuration screen, click on the "Allow" option.



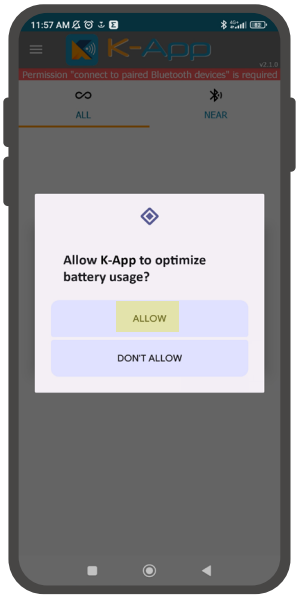
Example pop-up window view



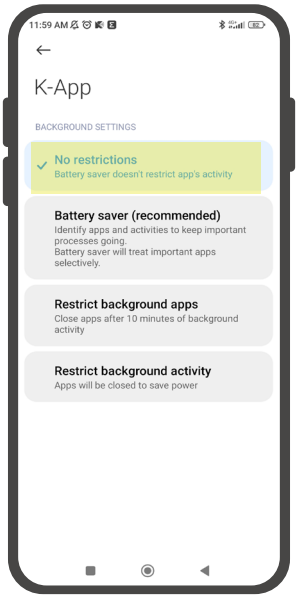
Example configuration view of the function in Android

4.2.3.Permissions for battery usage

APP may show a pop-up window requesting permission for K-APP to make unlimited use of the mobile phone battery. Click “allow”. Then set the battery to the “unrestricted” option.



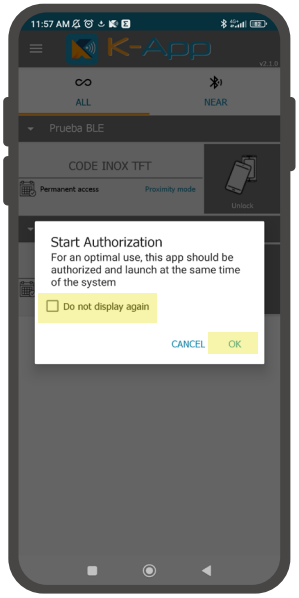
Example pop-up window view



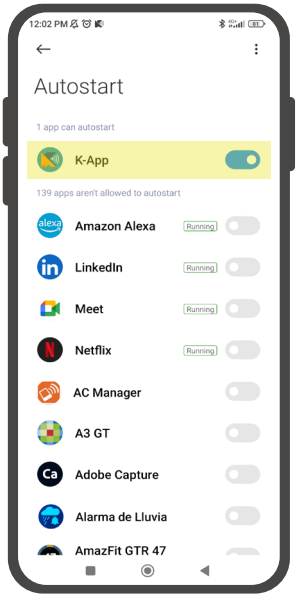
Example configuration view of the function in Android

4.2.4.Authorization for automatic startup

APP may show a pop-up window requesting authorization to start automatically. Click “OK”. Then activate the K-APP application.



Example pop-up window view



Example configuration view of the function in Android

4.3. CREDENTIAL TYPES

Your installer or administrator may grant or have granted you the following types of virtual credentials:

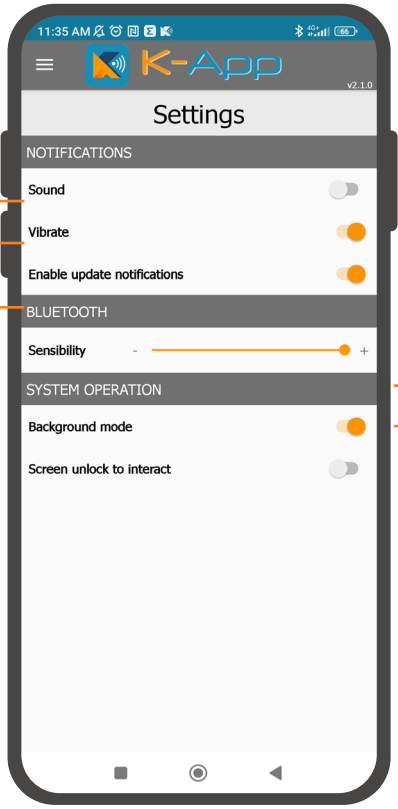
TYPE OF CREDENTIAL	VALUE IN iP OPENER	DESCRIPTION
SHORT STAY OF MAX. 1 DAY (SHORT RANGE)	1 POINT	Temporary access for a maximum duration of 1 day.
SHORT STAY OF MAX. 2 WEEKS (SHORT RANGE)	2 POINTS	Temporary access for a maximum duration of 2 weeks.
PERMANENT STAY (SHORT RANGE)	5 POINTS	Permanent access (reading close to the reader).
PERMANENT STAY (SHORT & LONG RANGE)	20 POINTS	Permanent access (reading close to the reader and remote manual activation).

4.4. MAIN SCREEN

The different functionalities of the main screen are described below:

4.5. SETTINGS

The following chapter defines the different features that can be configured in the application.



Recognition sensitivity

A lower (-) sensitivity means that the smartphone must be closer to the reader for opening to occur.

A higher (+) sensitivity means the smartphone could be further away from the reader for opening to occur.

System operations

The "Unlock screen to interact" function is not available in IOS.

5.USE

5.1. USE OF SHORT RANGE ACCESS

This will be used for iP Opener value credentials: 1, 2 and 5 credits. The operation is equivalent to a TAGDOOR MF+ proximity key fob:

At the moment the smartphone is approached to the reader, the authentication and the opening will take place:

Proximity opening when the smartphone is close to the reader

5.2. USE OF SHORT AND LONG ACCESS

This use will be the one used for the iP Opener value credential of 20 credits. The operation is equivalent to a GM-WEIPOP proximity RF transmitter control:

At the moment the smartphone is approached to the reader, the authentication and the opening of the door will take place. While in a radius close to the reader, the activation can be done manually by pressing the door to be activated in K-APP.

Proximity opening when the smartphone is close to the reader

Manual opening with the smartphone in a close radius

Operating information

- Short-range activation by proximity will occur at distances of less than 1m.
- Long-range activation by manual pressing can be performed from distances of less than 10m.

**These distances are orientative. The distance at which the opening is executed will depend on many factors: set sensitivity, Bluetooth power of the smartphone, possible obstacles between the smartphone and the reader, ...

For example, for proximity opening to occur with the smartphone in the pocket, the position of the reader should match the height of the pocket and the reading distance would be less than 40cm.

**K-APP must pair with the reader and validate the identification, the time of this synchronization will also depend on several factors: Bluetooth Low Energy version of the smartphone, speed of the smartphone CPU,...

iP-opener

Sistemas de comunicación S.A.

C/ Silici 13. Poligon Industrial Famadas
08940 – Cornellà del llobregat – Spain
golmar@golmar.es
Tel: 93 480 06 96
www.golmar-seguridad.es

Golmar deserves the right for any modification without prior notice.