

iSMA Android Application

User Manual



Global Control 5 S.A.
Warsaw, Poland
www.globalcontrol5.com

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1 Introduction

1.1. Revision history

Rev	Date	Description
2.0	06.12.2019	Second edition
1.0	26.08.2019	First edition

Table 1 - Revision history

1.2. Before the installation

For installing the application, the following are needed:

- PC with Windows Operating System (the 32 or 64-bit latest version 7)
- USB A - USB A cable
- Panel PC iSMA-D-PA10C-B1 or iSMA-D-PA15C-B1

2 Installation steps

Note: Remember that this application is exclusively for iSMA Industrial PC Panels

1. Add the folder with the application to your PC desktop
2. Turn the Panel PC on
3. The USB port should be set to OTG Mode, USB debugging to On and USB Configuration to MTP
- 3.1. Go to the main menu Android Panel PC – a round, white icon with dots in the center at the bottom of the screen:

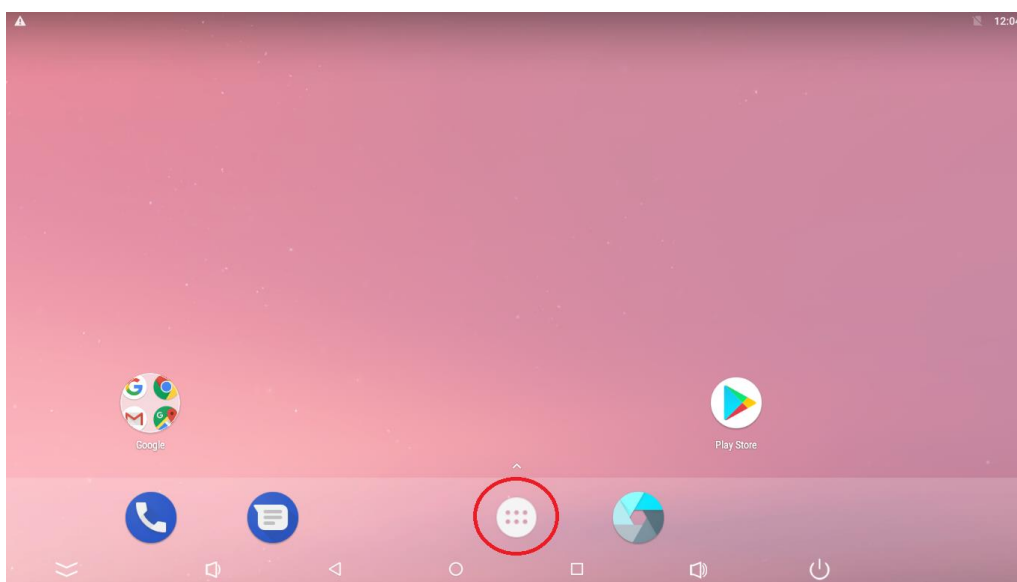


Figure 1 - Main menu

1.1. Go to settings:

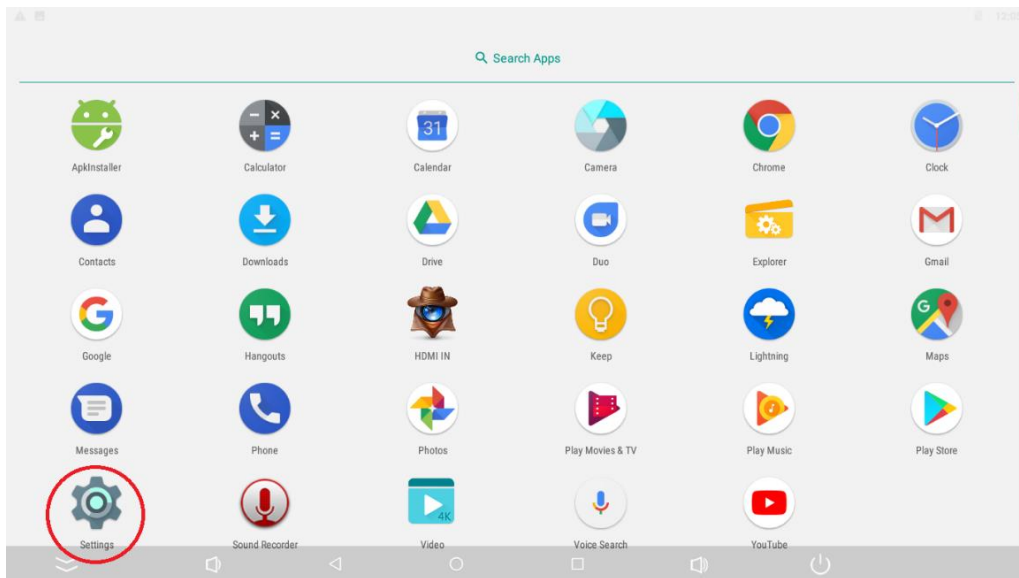


Figure 2 - Settings

1.2. Go to developer options:

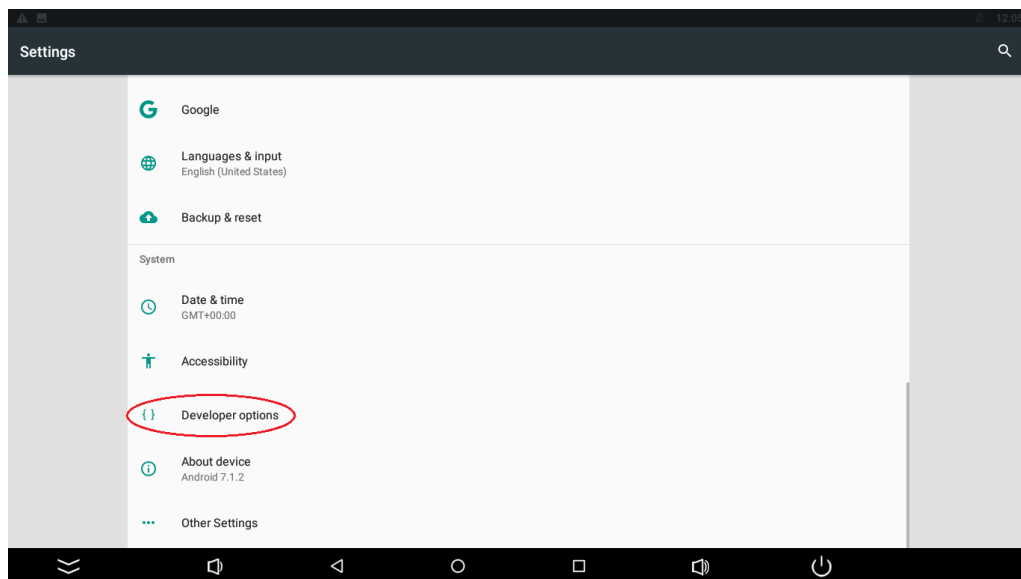


Figure 3 - Developer options

1.3. Set USB Mode to OTG Mode and turn USB debugging on:

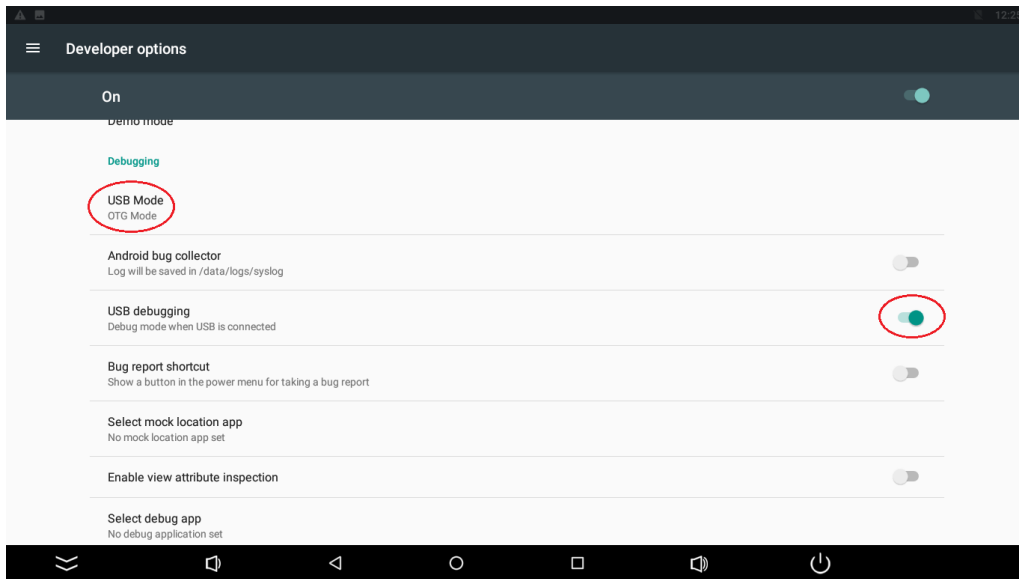


Figure 4 - USB Mode and USB debugging

1.4. Set USB Configuration to MTP:

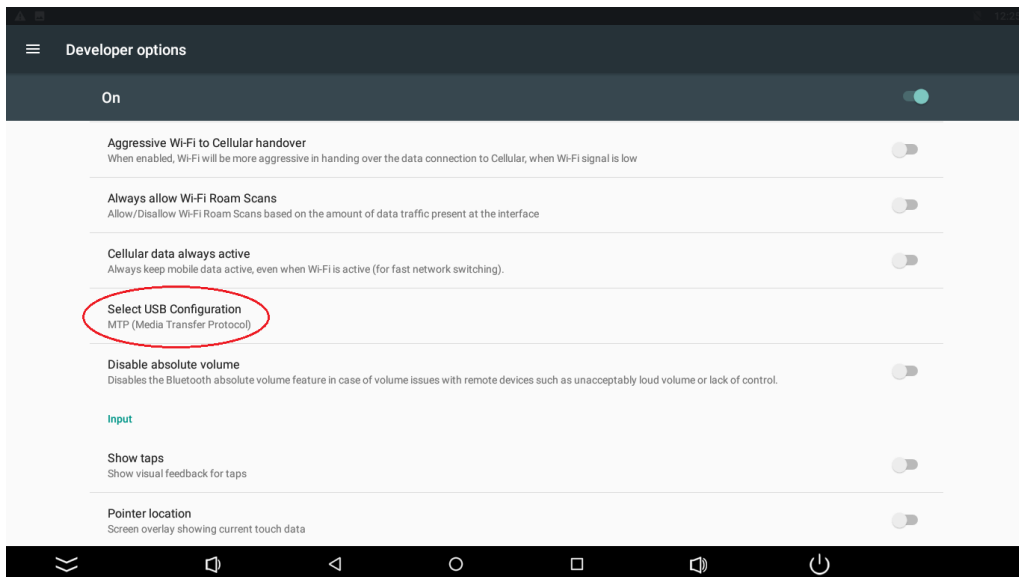


Figure 5 - Select USB Configuration

1. Connect a USB A cable to your PC and to the Panel (use USB A next to RJ45 - marked on the picture below)

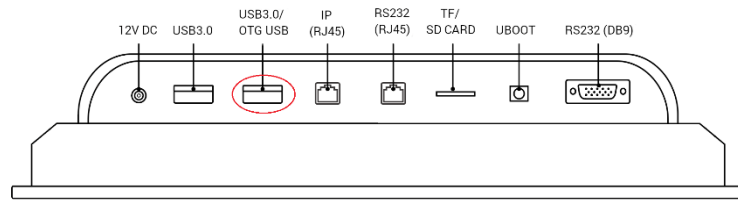


Figure 6 - Interfaces in 10.1inch

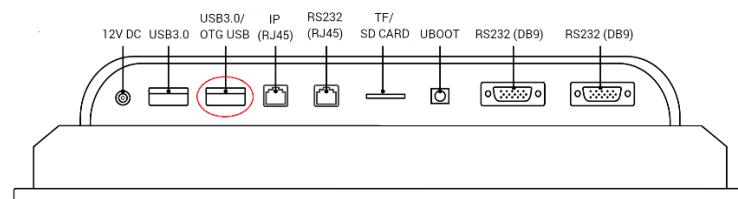


Figure 7 - Interfaces in 15.6 inch

2. Wait for the PC to recognize the device and install drivers
3. Open the folder with the application
4. Double click on install.bat – the application will be installed automatically on connected Panel PC
5. The last step is to set the application as the Home app.

After clicking on the screen, you will notice a new window. Choose iSMA Android Application and click always.

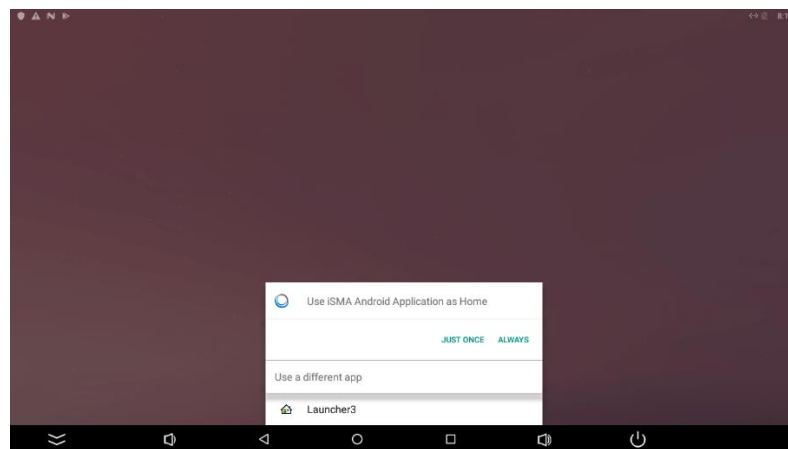


Figure 8 - Home application

Note: Application is now ready to work. Follow the next steps to set up Niagara station and Kiosk Mode.

3 Setting the application (Login, Kiosk Mode, Menu)

3.1. Logging into Niagara station

When the application turns on, the main screen that allows adding multiple stations appears. To add a new Niagara station click on a tile with “+” on it:

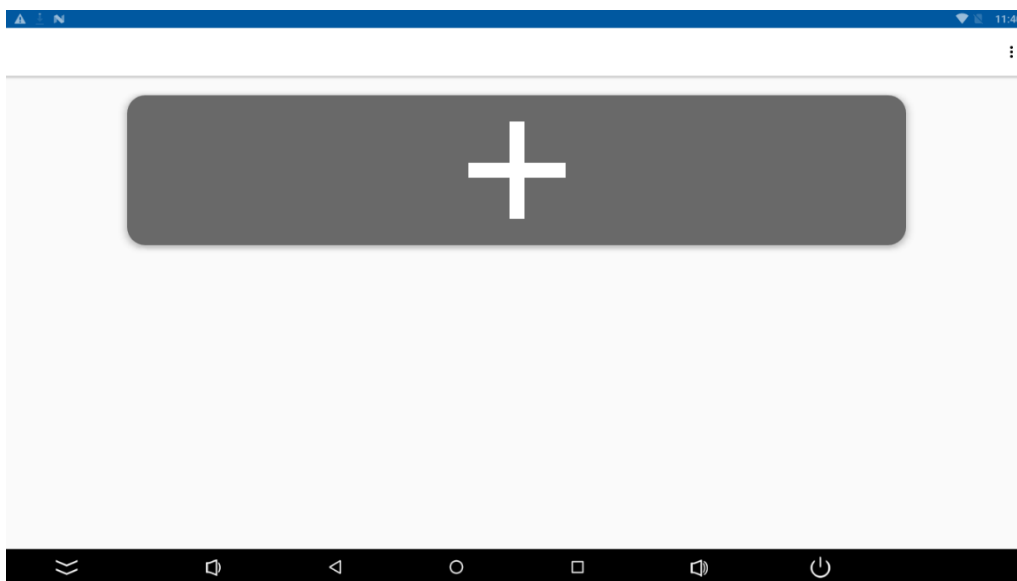


Figure 9 - Main screen

Enter credentials and click on “SAVE”.

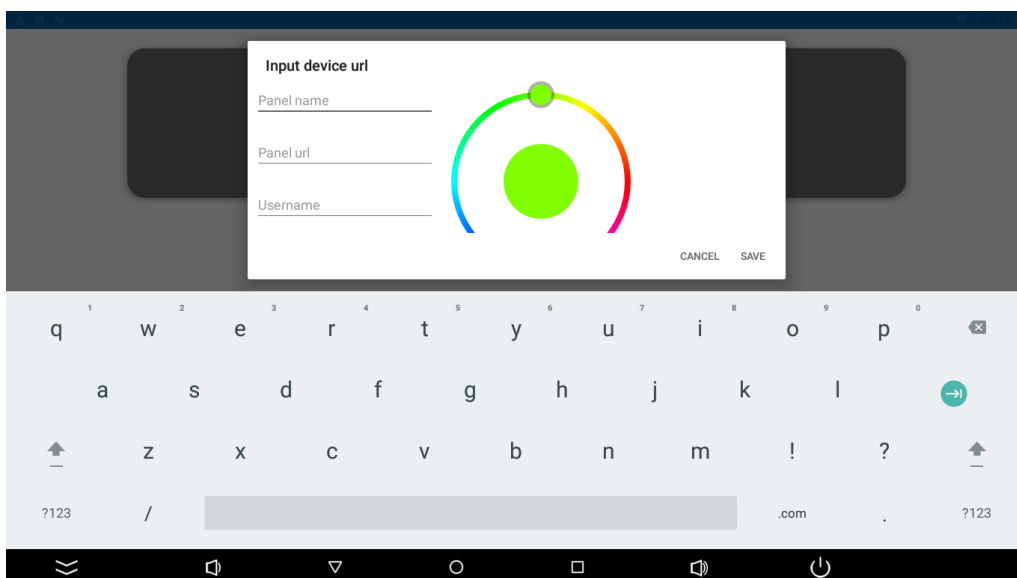


Figure 10 – Adding new or editing a station

The application will go back to the main screen with a list of added stations.

3.2. Station options

Three dots in the upper right corner of the station lead to station settings:

- Home station – can be chosen only for one station, the chosen station will be automatically logged in after restarting or turning on the Industrial PC Panel with Android
- Edit – edit the station credentials
- Delete – delete the station

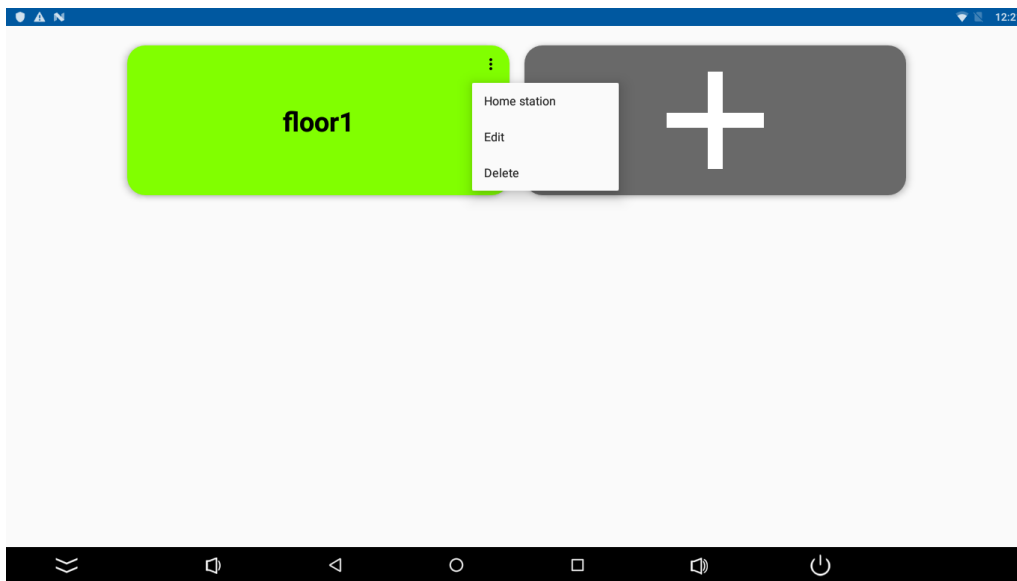


Figure 11 List of stations - options

After enabling autostart new icon at the right bottom of the tile will show up :

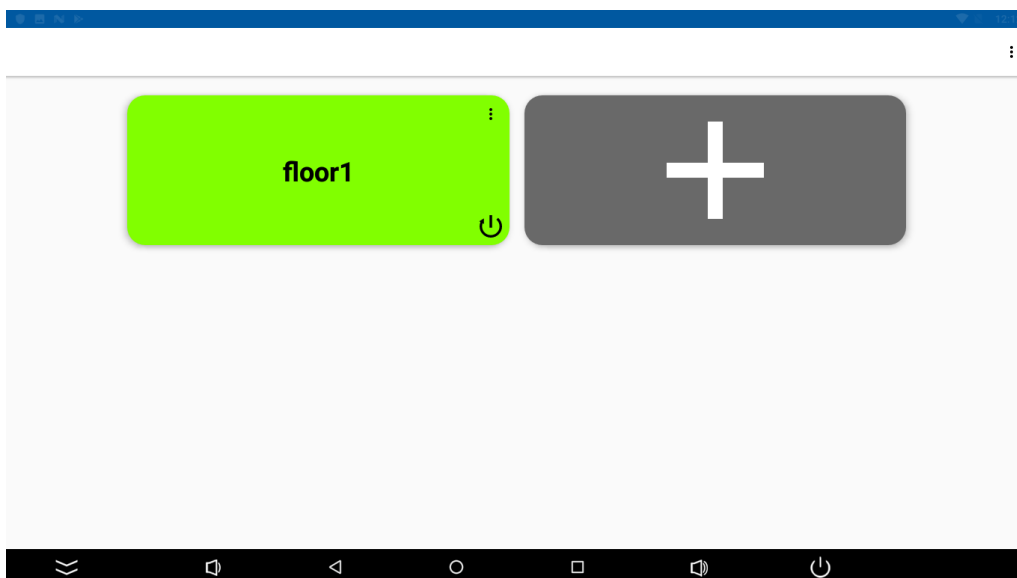


Figure 12 List of stations - autologin enabled for station "floor1"

3.3. Application menu

When swiping down on the top of the display, the menu which allows for going back/forward/refresh/home page can be visible. Three dots in the upper right corner lead to settings and switching the user. Six tiles icon allows going back to the main view with all added stations.

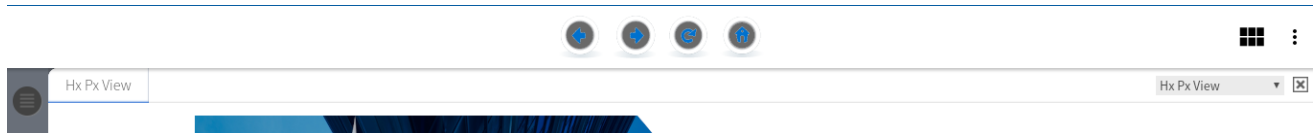


Figure 13 Application menu

3.4. Kiosk mode and other settings

To turn on the Kiosk mode and change the password from default ("password"), click on three black dots in the right top corner (figure 11) and choose settings. The new screen appears:

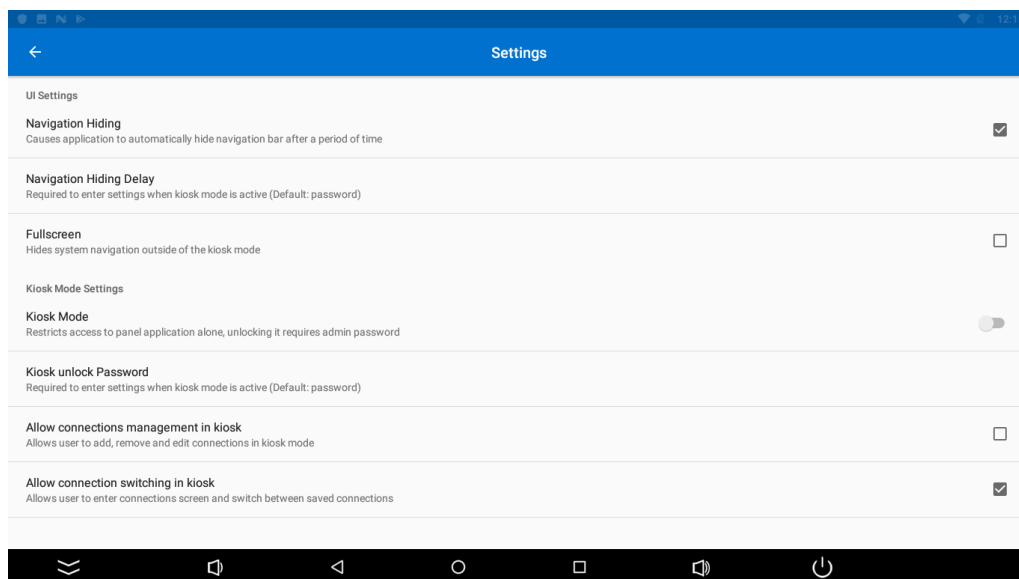


Figure 14 - Settings

An admin password can be changed in this view together with turning on/off the Kiosk mode. After turning the Kiosk mode on, the password is needed to enter settings.

Other settings:

- Navigation Hiding – when marked allows navigation to automatically hide after a time set in "Navigation Hiding Delay"
- Navigation Hiding Delay

- Fullscreen – opens the application in fullscreen mode
- Kiosk Mode – blocks the possibility to use other applications than iSMA Android Application, Kiosk Mode blocks the possibility to restart and turn off the Panel PC with Android
- Kiosk unlock Password – allows changing the password for turning off the Kiosk mode, the default password is “password”
- Allow connections management in the kiosk – when marked allows the user to add, remove and edit connections while the Kiosk Mode is on
- Allow connection switching in the kiosk - when marked allows the user to enter the main screen with all added Niagara stations and switch connection between them

4 Installing updates

Follow the below steps to install an update:

1. Installation files should be located at USB flash drive
2. Turn the Kiosk Mode off
3. Insert USB flash drive into a USB port located next to RJ45 (figure no 6 and 7)
4. An inserted USB drive can be visible in the android menu at the top of the screen (scroll down)
5. Click on file with '.apk' extension and click install in the popup window