V IDESCO

User Manual

Idesco 7 AH CONF SW – User Manual

Version	Date	Author	Description
1.00	30.01.2013	Vko	First version

Author:	Vko	File:	C00574E	Date: 30.1.2013
Approved:	Hal	Printed:		30.1.2013

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1. Introduction

1.1. Short Description

Idesco 7 AH CONF SW is used for configuration of Idesco Access 7 AH readers and creation of configuration files. The program is used with Idesco Access 7 AH readers. Serial connection between reader and PC is needed as well as power supply for the reader.

2. General Information

2.1. Installing the Program

Access 7 AH Conf SW - Setup file is used for installing the program. To install the program, run Access 7 AH Conf SW - Setup file. Follow the installation instructions on the screen.

2.2. Security

For security reasons configuration files should be saved in a directory that is protected in appropriate way. Idesco 7 AH CONF SW will encrypt configuration files by default and encrypted files can only be opened using Idesco 7 AH CONF SW software. Configuration files can be encrypted with own password. The same password is needed for opening.

3. Program Description

3.1. User Control
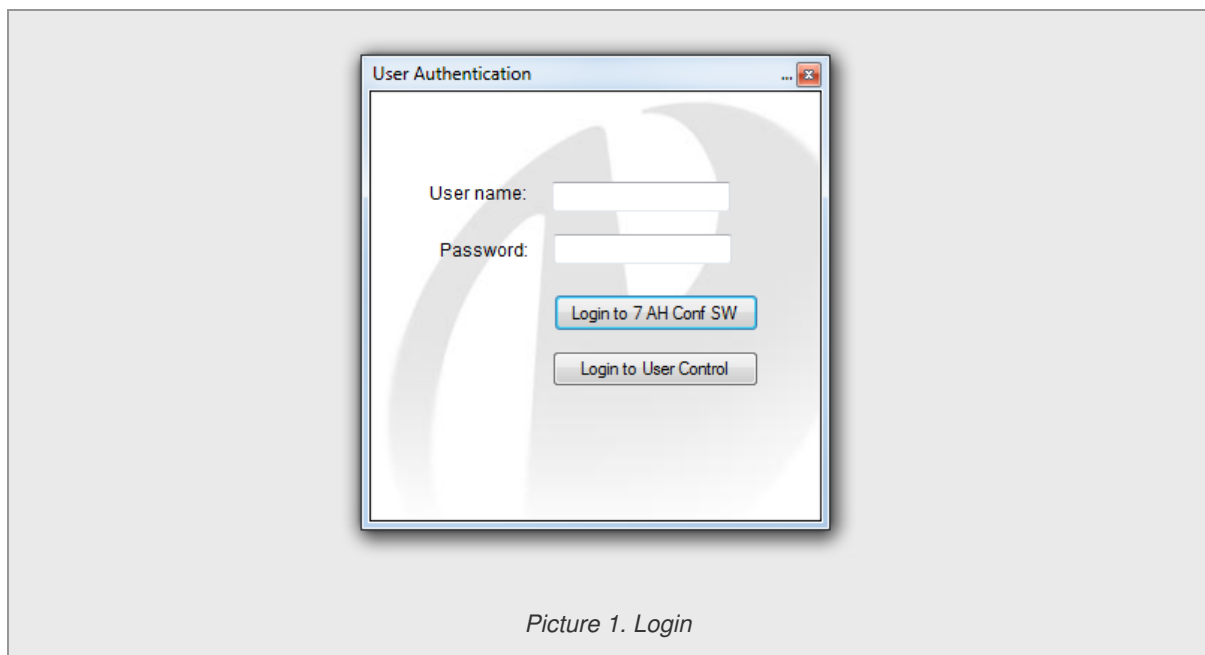
Picture 1. Login

After installation:

Default Settings:

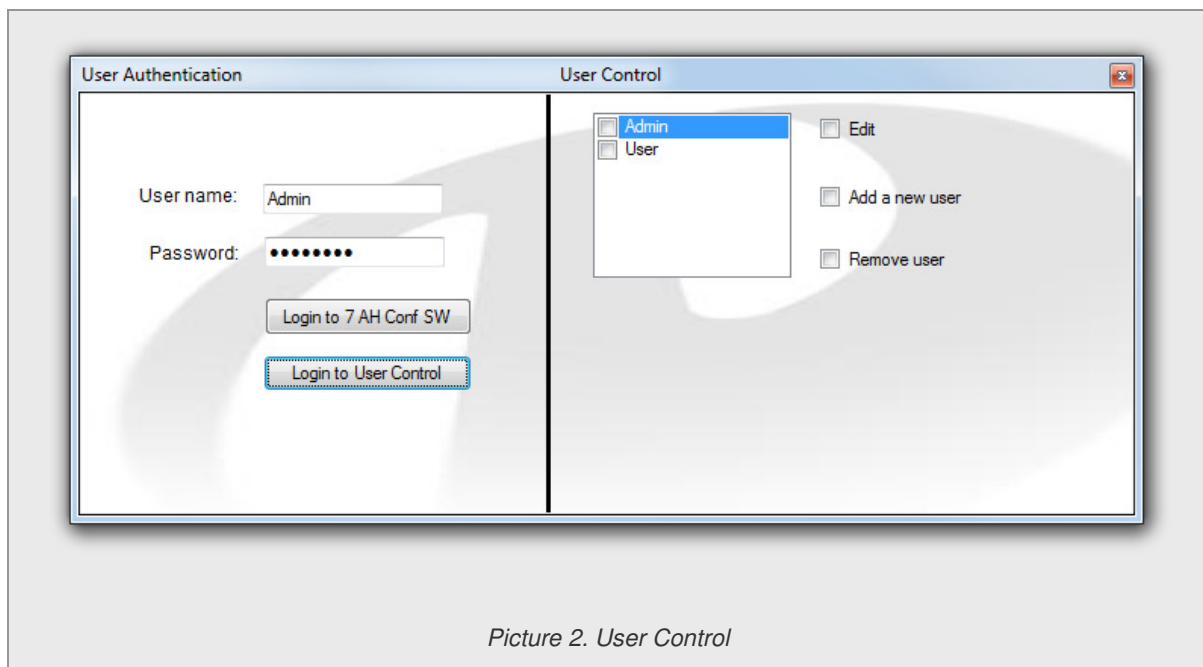Admin user:

User name: 'Admin'

Password: 'P@ssword'

NOTE! Change administrator password when using the software for the first time

Normal user:

User name: 'User'

Password: 'Password'

Picture 2. User Control

In user control page there are 'Edit', Add a new user' and 'Remove user' controls.

1. Under "Edit" you can change password and give/remove administrator rights.

2. Under "Add a new user" you can add new users. You can give administrator rights to them by selecting check box.

3. Remove: Remove user from database.

Admin-level user can create, edit configuration files and configure readers.

Normal-level user can only open configuration files and send configuration files to readers. Normal-level user can't edit or make configurations.

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3.2. Serial Settings

Reader serial COM-port must be selected before the program can be used for sending configuration file to reader. Choose the correct COM port and press Connect.

Status of the connection is shown at the bottom of the main window.

Picture 3. Configuration page
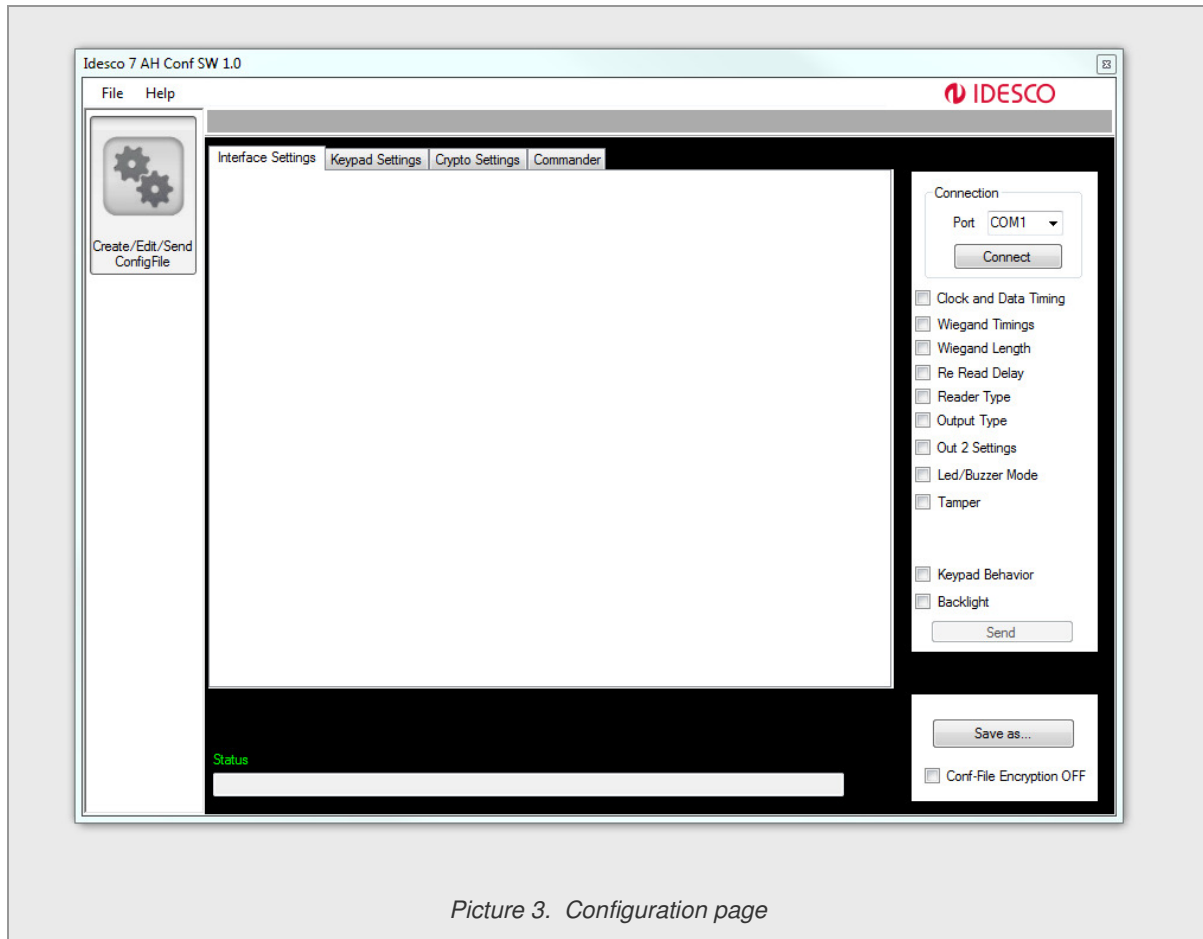
NOTE! If you are unsure which COM-port to select, go to Control Panel -> Device manager -> Ports

3.3. Create / Edit / Send ConfigFile

Press Create / Edit ConfigFile to start using the program. There are two options how to use it:

1. In case you have existing configuration file, open it by clicking 'Open'- button. If it is protected by password, then give correct password for opening.

2. Create new configuration file. Give name and click "Save as..". NOTE! In this case don't select checkbox "Use Own ConfigCardFile Password. After saving the file choose OK to start creating the configuration.
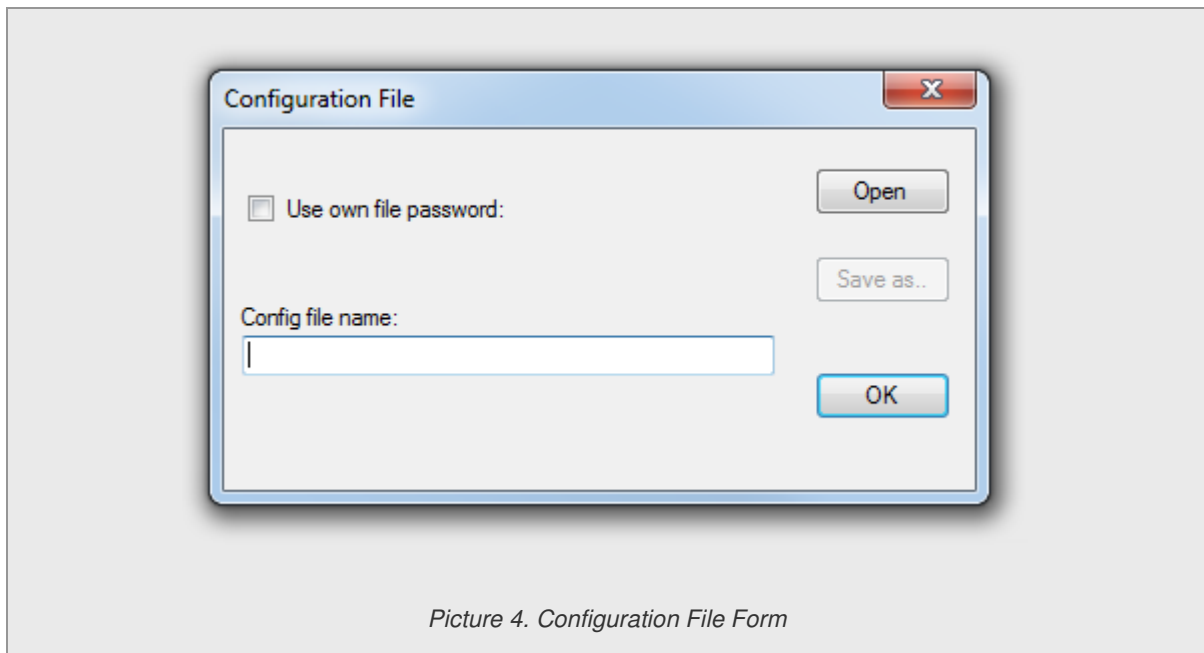
Picture 4. Configuration File Form

3.4. Interface settings

Picture 5. Configuration Page
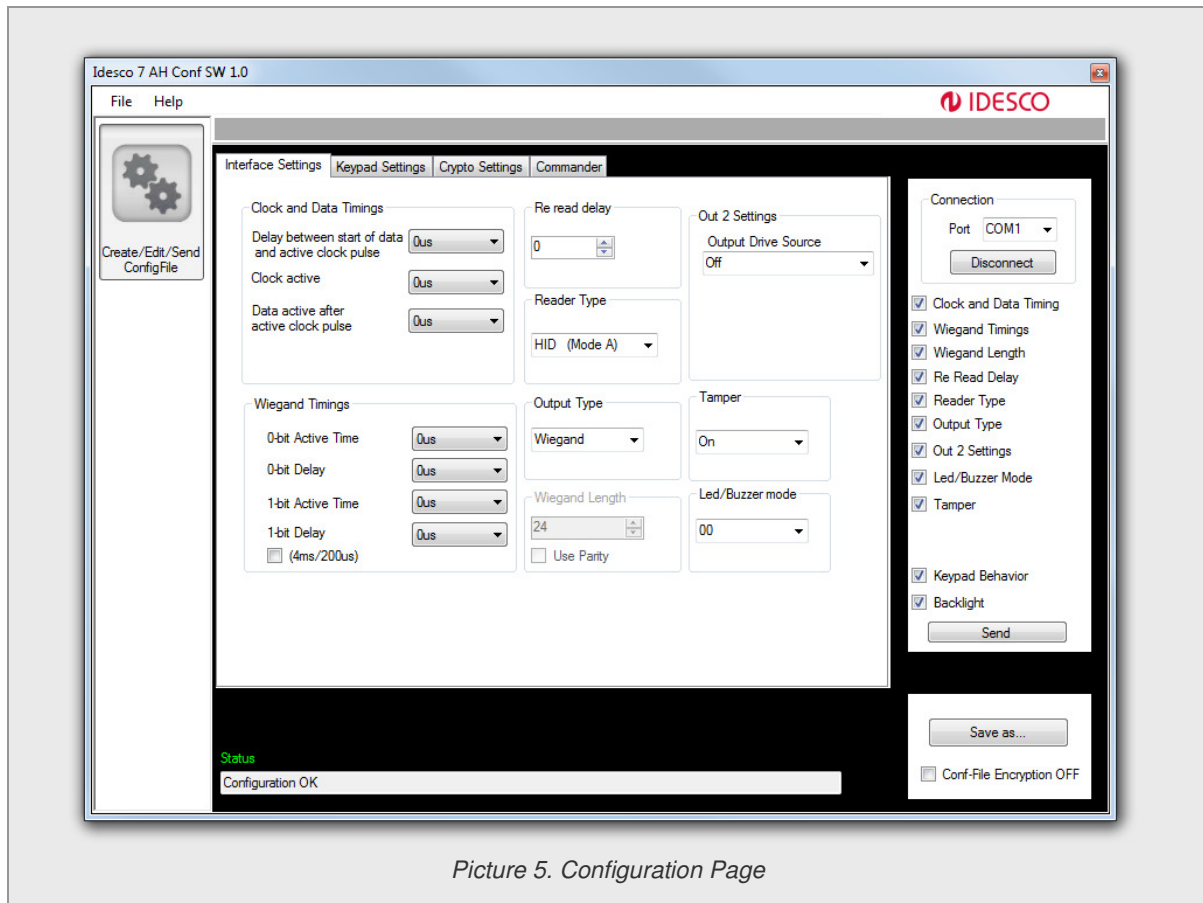
Select checkboxes on the right (e.g. Clock and Data Timing) to make them visible for editing.

NOTE! Only checked parameters will be sent to the reader.

3.4.1. Clock and Data Timings

Delay between start of data and active clock pulse (0us-2550us)

Clock active (0us-2550us)

Data active after active clock pulse (0us-2550us)

3.4.2. Wiegand Timings

0-bit active time (0us-2550us)

0-bit delay (0us-2550us)

1-bit active time (0us-2550us)

1-bit delay (0us-2550us)

4ms/200us

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3.4.3. Wiegand Length

24-40

Parity Settings

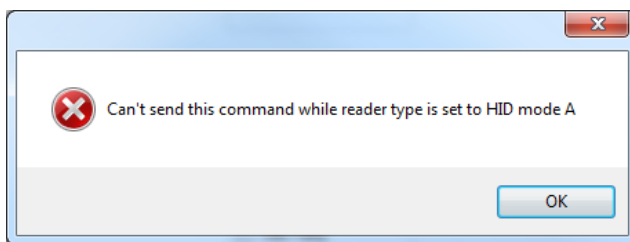Left parity (None,Even,Odd)

Left parity length (0-24…40)

Right parity (None,Even,Odd)

Right parity length 0-24…40

NOTE! If you receive this message:

You must change reader type to "EM (Mode B)" in order to be able to change wiegand length settings.

3.4.4. Re Read Delay

0-99s

3.4.5. Reader Type

HID (Mode A)

EM (Mode B)

Both (Mode C)

3.4.6. Output Type

Wiegand

Clock and Data

3.4.7. Out 2 Settings

Output Drive Source

Off

Card present

Exit Button

Correct PIN Code

Correct PIN Code (2)

Exit Button and Correct PIN Code

Exit Button and Correct PIN Code (2)

3.4.8. Led/Buzzer Mode
00-08

3.4.9. Tamper
On/Off

3.5. Keypad Settings

3.5.1. Keypad Behavior
PIN Output

4 Bit Beep ON

6 Bit Beep ON

8 Bit Beep ON

26 Bit Beep ON

32 Bit Beep ON

4 Bit Beep OFF

6 Bit Beep OFF

8 Bit Beep OFF

26 Bit Beep OFF

32 Bit Beep OFF

Keypad Type

Emfi

Capasitive

3.5.2. Backlight
Backlight Color
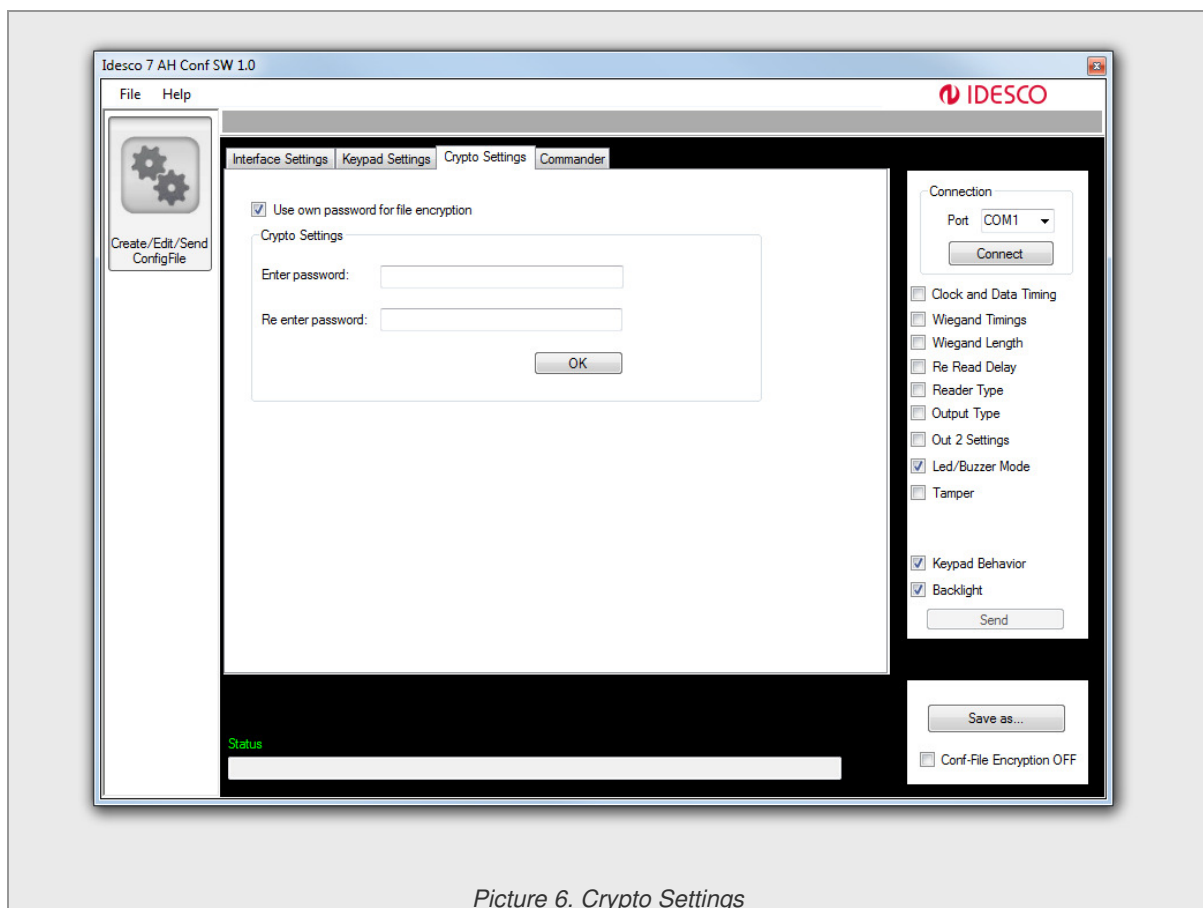
Off

Green

Red

Blue

Backlight Time

1-10

Continuous

3.6. Crypto Settings

Configuration file can be protected by password. Password is used in file encryption.

Password has to be 8-12 characters length.

Changes will take place after saving the file.

*Picture 6. Crypto Settings*

3.7. Commander

In the commander tab user can see a log list of parameters which are sent to the reader. Click "Send" to send the configuration file to the reader.

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NOTE! Only checked parameters will be sent to the reader.

NOTE! If you see error message. Try sending again.

Picture 7. Commander
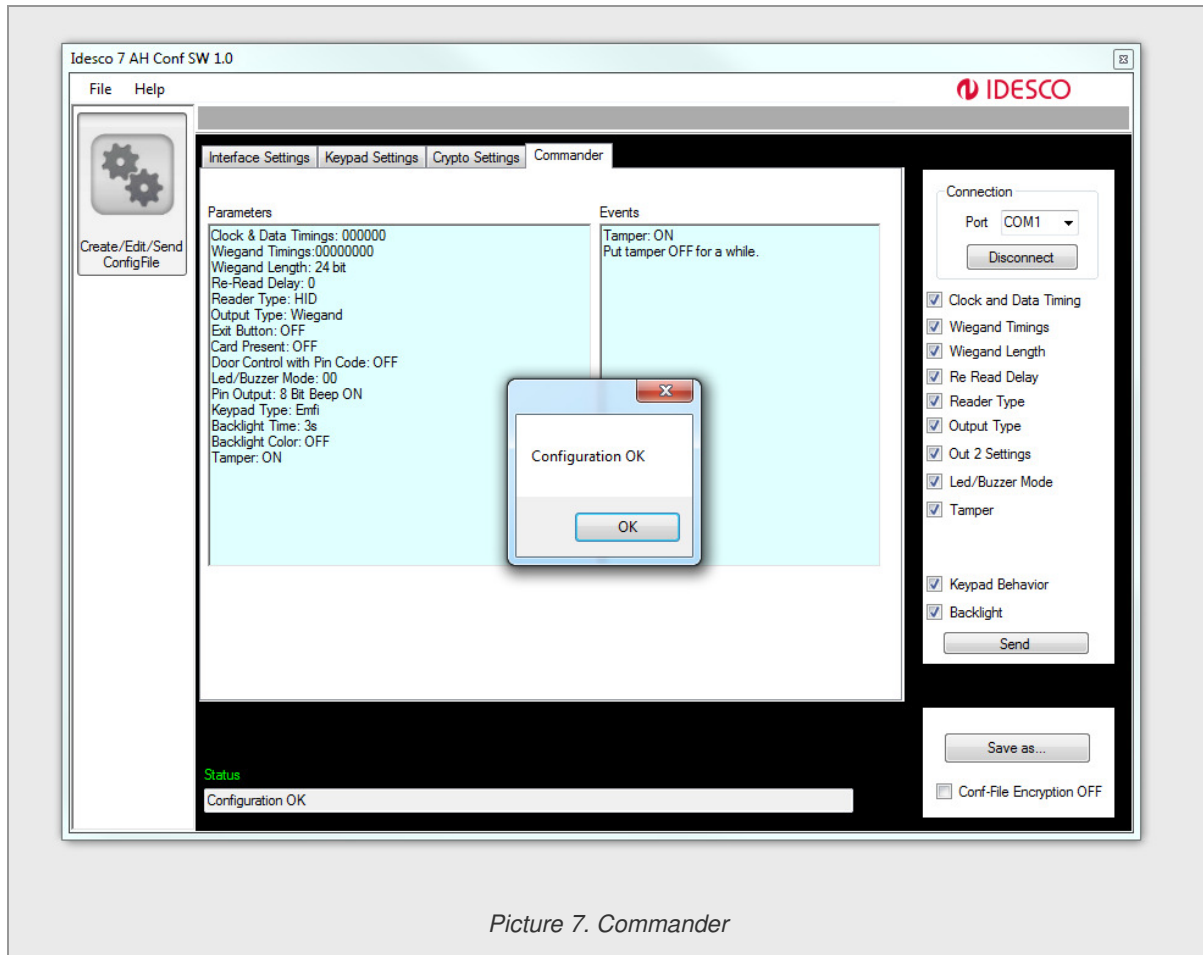
3.8. How to send ready-made configuration file to reader

1. Open Idesco 7 AH Conf SW
2. Log in
3. Click Create/Edit/Send ConfigFile
4. Click Open
5. Select configuration file
6. Click OK
7. Select correct COM-port and click Connect
8. Click Send