

User Manual

Idesco 7 AH CONF SW – User Manual

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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

User Authentication User name: Password: Login to 7 AH Conf SW Login to User Control	
Picture 1. Login	

After installation:

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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'

		Admin User	Edit	-
User name:	Admin		Add a new user	
Password:			Remove user	
	Login to 7 AH Conf SW			

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.



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.
- 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.

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nfiguration File Use own file password:	Open Save as	
	ОК	
Picture 4. Configuration	n File Form	

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3.4. Interface settings

File Help				
*	Interface Settings Keypad Settings Crypto Set	tings Commander	Out 2 Settings	Connection
Create/Edit/Send ConfigFile	Delay between start of data and active clock pulse Clock active Data active after active clock pulse Qus	Reader Type	Output Drive Source	Port COM1 ▼ Disconnect Image: Clock and Data Timing Image: Wiegand Timings
	Wiegand Timings O-bit Active Time Qus	Output Type Wiegand	Tamper On •	Wiegand Length Re Read Delay Reader Type Output Type Out 2 Settings
	Uos Dus 1-bit Active Time Dus 1-bit Delay Ous (4ms/200us) 0us	Wiegand Length	Led/Buzzer mode	Led/Buzzer Mode Tamper
				Keypad Behavior Backlight Send
	Status Conferentiae Oliv			Save as
	Configuration OK			

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:

	×
8	Can't send this command while reader type is set to HID mode A
	ОК

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

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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

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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.

File Help		
	Interface Settings Keypad Settings Crypto Settings Commander	
Create/Edit/Send ConfigFile	✓ Use own password for file encryption Crypto Settings Enter password: Re enter password: OK	Connection Port COM1 • Connect Clock and Data Timing Wiegand Timings Wiegand Length Re Read Delay Reader Type Output Type Output Type Out 2 Settings
	Status	Save as

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.

File Help	Interface Settings Keypad Settings Cry	vpto Settings Commander	
Create/Edit/Send ConfigFile	Parameters Clock & Data Timings:000000 Wiegand Length: 24 bit Re-Read Delay: 0 Reader Type: HID Output Type: Wiegand Exit Button: OFF Card Present: OFF Door Control with Pin Code: OFF Led/Buzzer Mode: 00 Pin Output: 8 Bit Beep ON Keypad Type: Enfi Backlight Time: 3s Backlight Color: OFF Tamper: ON	Events Tamper: ON Put tamper OFF for a while.	Connection Port COM1 • Disconnect V Clock and Data Timing V Wiegand Timings V Wiegand Length V Re Reader Delay Reader Type V Output Type V Out 2 Settings V Led/Buzzer Mode V Tamper V Keypad Behavior V Send
	Status Configuration OK		Save as
		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
- Select configuration file
 Click OK
- Select correct COM-port and click Connect
 Click Send

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