easydoor SOFTWARE

USER'S MANUAL



Introductions

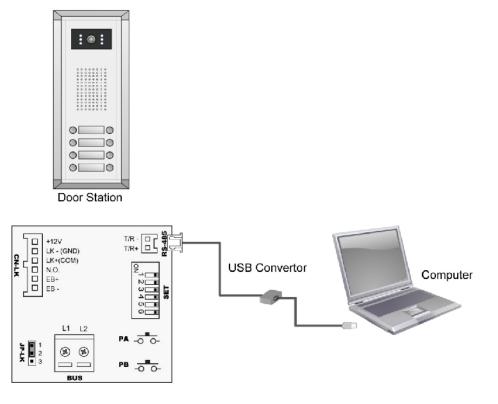
easyconfig software is a powerful configuration and debug tool to setup the 2-wire system. As simplified software tool, easyconfig allows installers to check and program Door Stations rapidly, which is especially useful in complex installation.

easyconfig allows you to view device properties, modify parameters, re-locate Call Buttons mapping and establish Name List in a PC and then download to the Door Station. Furthermore, you can use easyconfig as a assistance in field debug and maintains, by means of printing Programming Table, online search and diagnose tools.

easyconfig contains a project management utility, which helps installers manage project and device information.

2. System Requirement and Connection

easyconfig can be installed in a PC or laptop with Microsoft Windows XP, VISTA, 7, Server 2003 or Server 2008 operating system, and at least 512M memory, and 100M free hard disc space. Please note, a spare USB2.0 port is necessary to connect interface converter.



Note . The Monitors in above diagram are not necessary.

Start easyconfig and Setup The COM Port

Run easyconfig software

: <u>S</u> etting <u>H</u> elp					
Information Par	ameter	NameList	Access Control	Debug	Trace
Device Information					
Model	Unknown				
Hardware Version	Unknown				
Software Version	Unknown				
Serial No.	Unknown				
Access Control	Unknown				
Access Card Numberc	Unknown				
Work Voltage	Unknown		Please co	nnect device	e
Standby Voltage	Unknown				
Testallar's Teferen Kan Testa					
-Installer's Information Tags-					
Project Name				Clear	Tags
Block Name				🕂 Downl	oad Tags
👉 Upload					

Select 'Setting \rightarrow COM Setting', and select the COM port.

Com Setting	
Com Port COM3	•
<u>o</u> ĸ	<u>C</u> ancel

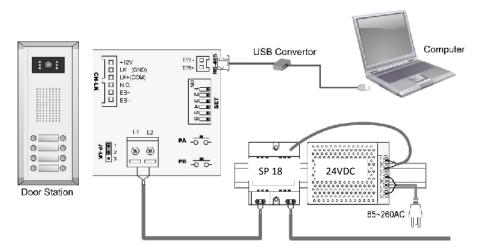
Com

After the correct COM port has been selected, the COM PORT ICON will stop flashing.

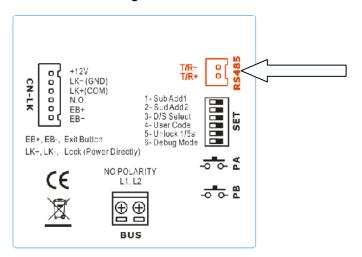
This ICON means the USB to RS485 converter has been connected.

Connect A Door Station

Connect the Door Station, SP 18, 24VDC correctly, then power on the system. However, you can connect the Door Station with Monitors also installed, such as in a finished installation.



Connect the 2pin plug of the converter, to the RS485 socket in Door Station, which you will find on the wiring box.



After connecting correctly, a window will pop up, to indicate that a Door Station is found.



Select Yes to read configuration data of the connected Door Station, or No to use default.

After confirm operation, the Device Icon will be light to show a Door Station is online.

Device

This means a Door Station is connected correctly.

General Overview Of easycofig Software

Main Menu

ile <u>S</u> etting <u>H</u> elp Information Para	ameter	NameList			
Information Para	ameter	Namel int			
		NameList	Access Control	Debug	Trace
Device Information					
Model	Unknown				
Hardware Version	Unknown				
Software Version	Unknown				
Serial No.	Unknown				
Access Control	Unknown				
Access Card Numberc	Unknown				
Work Voltage	Unknown		Please co	nnect device	
Standby Voltage	Unknown				
Installer's Information Tags					
Project Name				Clear Ta	igs
Block Name					ad Tags
🕆 Upload					

Main Menus

- File menu includes all project operations, such as New, Open, Save, Save As and Exit.
- Setting menu includes Com Setting and Language (Not included in Demo version).
- Refer **Help** menu for help contents.

Information (Read/Upload from connected Door Station, can't be changed)

• Product Model, Hardware Version, Software Version, Serial, Access Control, Access Card Number, Work Voltage, Standby Voltage.

Note. Serial is a unique number programmed in assemble line and used for tracking

Upload Button

Upload function will read the connected Door Station information, including the following:

- Information on property page, and Parameters listed on Parameter page
- Panel models, Call Button mapping, Room Number and Name table on **NameList page**. After upload operation, the result will be showed as below.

×	ERROR	×
Upload success!	8	Upload failed,Please try again!
(OK		ОК

Parameter Setup

_	asyconfig - UnNamed						
	e Setting Melp						
	Information Paran	ieter	NameList	Access Control	Debug	Trace	
	Oevice Parameter						
	Monitor Timing	30	\$	To set Limitation of Monitoring	operation.		
	Camera Switch Timing	40	÷	To set switch time when multi D	oor Stations are installed.		
	Wait Timing	30	:	To set called Monitor's wait and	d ring time.		
	Talk Timing	90	÷	To set Limitation of Monitor's ta	line energies		
	Unlock Timing	5	-	To set how long the door keep:	s open after unlock.		
		Enabled	•	To enable Monitor speak to Do	or Station in Monitoring.		
		Enable	•	To enable Monitor open the door in Monitoring.			
	Unlock Relay	Normally Open	-	To select the unlock relay dry o			
	Uniock Relay	Normally Open	•	To select the unlock relay dry o	iontact type.		
	Ring Numbers	Ring Once	•	To set ring numbers of the Mor	hitor		
	Restore To Default	Retrieve defa	ult value of liste	d narameters			
				a parametero			
Download Parameter Download all listed parameters to online Device							
	👚 Upload						
0	Com 🚗 Device						

Items	Descriptions	Default
Monitor Timing	From 6s to 600s. To set Limitation of Monitoring operation.	30 s
Camera Switch Timing	From 6s to 600s. When multi Door Stations are installed, set the Monitoring time of this Door Station, and will be switched to next Door Station after this time.	40 s
Wait Timing	From 10s to 600s.To set call wait and ring time, if Monitor don't answer a call within this time, calling will be canceled.	30 s
Talk Timing	From 10s to 600s. To set Limitation of talking operation.	90 s
Unlock Timing	From 1s to 99s. To set the time that how long the door keeps open when lock is released.	5 s
Mon Speak	To enable Monitor under monitoring state can speak to Door Station at same time. This option can be enabled/disabled.	Enabled
Mon Unlock	To enable Monitor under monitoring state can open the door at same time. This option can be None (disabled); and other 3 options all support open door operation, but with different close timing Support, None Delay (Close the Monitor after unlock), Delay 5s (Close the Monitor, 5s after unlock).	Support
Unlock Relay	To select the unlock relay dry contact type, for different lock types. This option can set to Normally Open or Close.	Normally Open
Ring Numbers	To select the ring mode: ring once, ring twice, ring thrice and cycle ring.	Ring Once

Restore to default Button

This operation will retrieve default value of listed parameters.

Download Parameter Button

This operation will download all the parameters on this page to connected Door Station.

NameList Setup

	Setting	Werb						
1	Information	Para	ameter N	ameList Ac	cess Contro	l Deb	oug	Trace
-F	anel Config-							
	Main Pane	el Extend	Panel 1 Extend Panel	2				
	D08 🔻	D24 🔻	💌	Cancel Butte	an N	lanage Button		User Code Start 1
			1					Button Auto Position
	100				Ť	•		Button Auto Position
	200			Control E	utton			Clear Call Button
					utton			crear con pactori
	User Code	Room No.	Name Lable	Monitor Dip	Ca			
>	01			ON DP			=	Import Name List
ľ				1 2 3 4 5 6				Export Name List
	02			ON DP				Sort By RoomNo
	02			1 2 3 4 5 6				
	03							Sort By Name
	05			1 2 3 4 5 6				Print
	04			ON DP				Download
	04			1 2 3 4 5 6				Button Positions
	05			ON DP				Jownload NameList
	05						•	
	A	pload						

Panel Configuration

To select the Door Station and Expanded Panel combination in a specific entrance. Please note the total Call Buttons are limited to 32. If **Cancel Button** and Manage Button (**Call Guard Unit**) are needed, click [Control Button] check option, and then specify the Call Buttons to be used. If User Code of this entrance isn't regularly arranged, set [Start User Code] if necessary. After above operations, press **Auto Set** button to create a User Code mapping. You can modify the User Code mapping if necessary. Also, you can click Clear Button Position button to clear the mapping, and assign the Call Button by manual.

User Code, Name List and DIP Programming information

Edit the grids to fill Room No and Name Label, please note limitation less than 20 chars. You can sort the table by Room No, or by Name Label. Use Download Button Position button to download Call Buttons mapping to connected Door Station.

After editing, you can export the Name Label and User Code information to TXT file, so as to create a printable name label file, which can be used to replace the Door Station name labels.

Download NameList information

In 2-wire easydoor system, Monitors will display a intercom NameList menu for intercom calling. This name dictionary is transmitted from Door Station, and should be previously downloaded from easyconfig software. After editing NameList information in software, press **Download NameList** to save into Door Station. In field installation, when Monitors are installed, use Door Station PA button to transmit name dictionary to Monitors, see technical manual for reference.

Print User Code programming table

Use Print Button to print a field programming reference document, it is much useful in installation and after-installation service.

Part of printing job as below, including configuration and reference table:

DOOR STATION CONFIGURATION

Device

Project Name

SAMPLE PROJECT

Device Name

Building 7, Gate 1

... ...

USER CODE PROGRAMMING TABLE

User Code	Room No	Name	Dip	Button Position
01	7B-802		ON DP	
02	7B-831		ON DP	
03	7B-833		ON DP	
04	7B-835		ON DP	
05	7B-834		ON DP	
06	7B-821		ON DP	
07	7B-812		ON DP	
08	7B-836		ON DP	

Assess Control settings

easyconfig - UnNam ile <u>S</u> etting <u>H</u> elp	ed						
Information	Parameter	NameList	Access Control	Debug	Trace		
Device Operation	File Operation						
Backup	to File	To upload card data from de∖	vice and save to a backup file	2.			
Restore Fr	om File	To select a card data backup	file and download, note that	t old cards will be lost!			
Add Card Delete Card View Card		To add User Cards to device directly.					
		To delete User Cards from de					
		To view the User Cards information.					
Clear (Card	To clear User Cards of device	, please be careful.				
Setup Mas	ter Card	To display and change Maste	r Cards of device.				
Note: Device must be connected before operation!							
Com 🛞 D	evice						

Device Operation

This page includes all the Card operations in the device: Backup to File, Restore From File,

	🧿 е	asyconfig - UnNamed						3	
ſ	<u>F</u> ile	e <u>S</u> etting <u>H</u> elp							
		Information	Parameter	NameList	Access Control	Debug	Trace		
	_	Device Operation	File Operation						
			Card List						
		New		Card No.	User Code				
		Open				Ad	bi		
		Save				Del	ete		
		Save As				Clea	r All		
		Append From Device				Quick Sca	n Input		
•		Append From File				User Code 00	•		
		Download To Device				Card No.			
			Total C	ard Count: 0		Scan Fr	om Device		
	Current File Name: UnNamed								
	_								

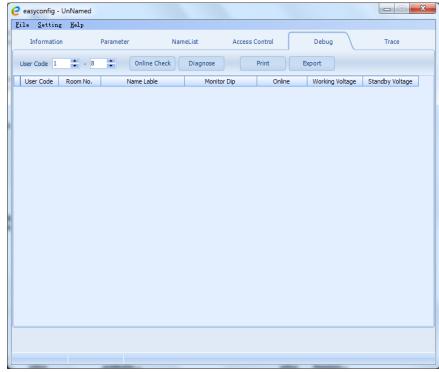
Add Card, Delete Card, View Card, Clear Card, Setup Mater.

File Operation

In this tab you can manage the file that include all the card information. You can edit the file to change the information, such as add/delete user cards to a specific User Code to the exits file, clear all card register information, and then update to the device or save the file as a backup.

Use easyconfig As Debug Tools

Debug Tool



User Code Range

To change the User Code start and end address, only set valid range will save more time.

Online Check Button

Use this button to start Online searching, and the result will be showed in list window. Online search function is designed for the purpose of getting a quick view of the Monitors installing situations, or to check if each of them works or not. This is very useful for installation maintain.

Diagnose Button

Use this button to start Diagnose operation, and the result will be showed in list window. Diagnose operation will check the Monitor's working voltage and standby voltage, video signal presentence, and data communication.

By means of this tool, if a Monitor passes the test, generally this Monitor should works well.

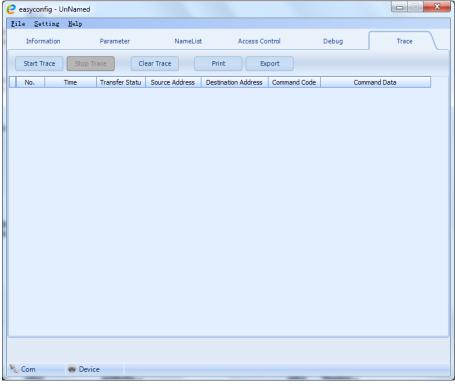
Print Button

To print the debug result window information, for installation delivery documentation or memo.

Export Button

By means of this tool, if a Monitor passes the test, generally this Monitor should works well. To export the debug result window information, you can analyze it in EXCEL sheet.

Trace Tool



About trace

TRACE tool will display all data communication information presented on 2-wire BUS, which can be a high-end tool used by expertise to check the system stability, or locate the problem more easily in a complex installation.

Please note, it is not suitable for normal installers, as the data streams are complex.

However, installers can send back the trace log, thus the engineers can analyze and help.

Start Trace Button

To initiate and start trace operation, when system works, result will be automatically send back and displayed in log window.

Stop Trace Button

To stop trace operation.

Clear Trace Button

To clear the log listed in window, when you need to trace a new operation, it is useful.

Print Button

To print the log listed in the result window.

Export Button

To export the log listed in the result window to a TXT file. When you need to send back the trace log, or analyze in EXCEL sheet, you should export the log first, then open it in EXCEL.