

ENTRYPASS PLATFORM1 SERVER & HCB CONFIGURATION GUIDE

Version: 1.01

Last Updated: 22-07-2016



BEFORE YOU BEGIN

Technical Support

If you cannot find the answer to your question in this manual or in the Help files, we recommend you contact your system installer. Your installer is familiar with your system configuration and should be able to answer any of your questions.

Should you need additional information, please call our Technical Support Help desk, Monday to Friday 9:00 AM to 6:00 PM (GMT +8:00)

Method Details

Phone + 60 (3) - 8068 1929

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Internet www.entrypass.net

Email support@entrypass.net



Default EntryPass Network Parameters

Controller/control panel available: N5150, N5200 and N5400

Default EntryPass network parameters:

Network Parameter	Network Value
<i>IP Address</i>	<i>192.168.1.100</i>
<i>Subnet Mask</i>	<i>255.255.255.0</i>
<i>Gateway</i>	<i>0.0.0.0</i>
<i>Server IP</i>	<i>192.168.1.254</i>
<i>Port No.*</i>	<i>2020</i>

Port No.: 2020 [Enable self discover wizard between P1 server and controller/control panel (herein refer as **controller)].*



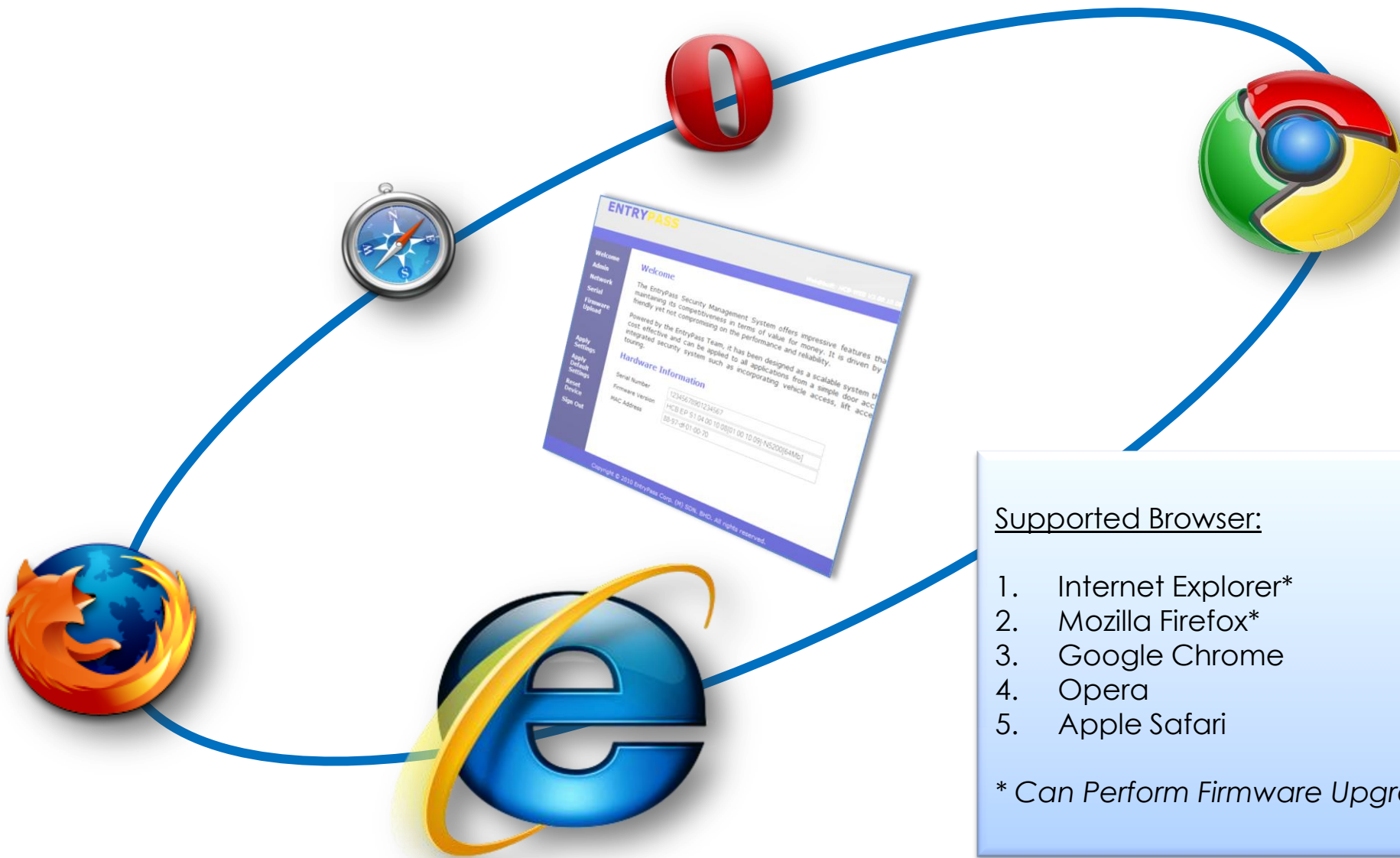
EP Device Server Manager (Web Server Configuration)



Before Start...

HCB based (N5150, N5200, N5400) and HIO Network controller come with web-base Device Server Manager. User can easily view the controller information of the controller as well as do some basic configuration such as Network Setting. Every EntryPass network controller were configured to default IP address (192.168.1.100). So user can login to web-base Device Server Manager via this default IP Address using compatible internet browser.





Supported Browser:

- 1. Internet Explorer*
- 2. Mozilla Firefox*
- 3. Google Chrome
- 4. Opera
- 5. Apple Safari


* Can Perform Firmware Upgrade



The screenshot shows a web browser window with the address bar containing '192.168.1.100'. The page title is 'EntryPass Device Server Manager'. The main content area features a 'Member Login' section with the following fields and buttons:

- Member Login** (Section Header)
- Username** field: ADMIN
- Password** field: masked with six dots
- Login** button
- Reset** button

Three orange callout boxes provide the following instructions:

1. Enter default controller IP '192.168.1.100' and then hit  button
2. Enter '123456' for password
3. Click 'Login' button to enter 'Device Server Manager'

At the bottom of the page, the copyright notice reads: Copyright © 2016 EntryPass Corp. (M) SDN. BHD. All rights reserved.

Notes: Please refer to 'EP Device Manager User Guide' for more information on how to configure network parameter.



EntryPass Device Server Manager

192.168.1.100/8menu.htm

ENTRYPASS

Web@built: EP.S1.01.18.15.05

Click 'Network' option

Welcome

The Entrypass Security Management System offers impressive features that rivals most international systems while maintaining its competitiveness in terms of value for money. It is driven by our obsession to make it absolutely user friendly yet not compromising on the performance and reliability.

Powered by the Entrypass Team, it has been designed as a scalable system that will grow with your business. It is very cost effective and can be applied to all applications from a simple door access requirement to a fully functional and integrated security system such as incorporating vehicle access, lift access, intrusion monitoring and even guard touring.

Hardware Information

Serial Number	1112RDKB001A-0116
Firmware Version	NMini2.EP.S1.01.18.15.03 -Mifare[64Mb]
MAC Address	88-97-df-10-00-73

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Web Server Interface

There are 2 types of Web Server Interface. Each Web Server Interface contents would have different layout of user interface design depending on the controller firmware version as below:

(a) Firmware version V4.12 or below

(b) Firmware version V4.13 or above



Firmware version 4.12 or below



Notes: Server IP Address is refer to Platform1 Server PC IP Address.



EntryPass Device Server Manager x +

192.168.1.100

ENTRYPASS

Web@built: EP.S1.04.10.14.11

Welcome
Admin
Network
Serial
Firmware Upload
Apply Settings
Apply Default Settings
Reset Device
Sign Out

Changes saved. Please click "Apply Settings" for changes to take effect.

Network Setting

Setting	Value
IP Address	192.168.1.100
Subnet Mask	255.255.255.0
Gateway IP Address	0.0.0.0
Server IP Address	192.168.1.254
Port Number / Listen Port	2020
Ethernet Speed	<input checked="" type="radio"/> 100Mbps <input type="radio"/> 10Mbps

Save changes

Click 'Apply Settings' button to apply setting to controller

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EntryPass Device Server Manager x +

192.168.1.100

ENTRYPASS

Web@built: EP-S1-04-10-14-14

Welcome
Admin
Network
Serial
Firmware Upload

Apply Settings
Apply Default Settings
Reset Device
Sign Out

Changes saved. Please click "Apply Settings" for changes to take effect.

Network Setting

Setting	Value
IP Address	192.168.1.100
Subnet Mask	255.255.255.0
Gateway IP Address	0.0.0.0
Server IP Address	192.168.1.254
Port Number / Listen Port	2020
Ethernet Speed	<input checked="" type="radio"/> 100Mbps <input type="radio"/> 10Mbps

Dynamic DNS

Please confirm action: <APPLY SETTINGS>

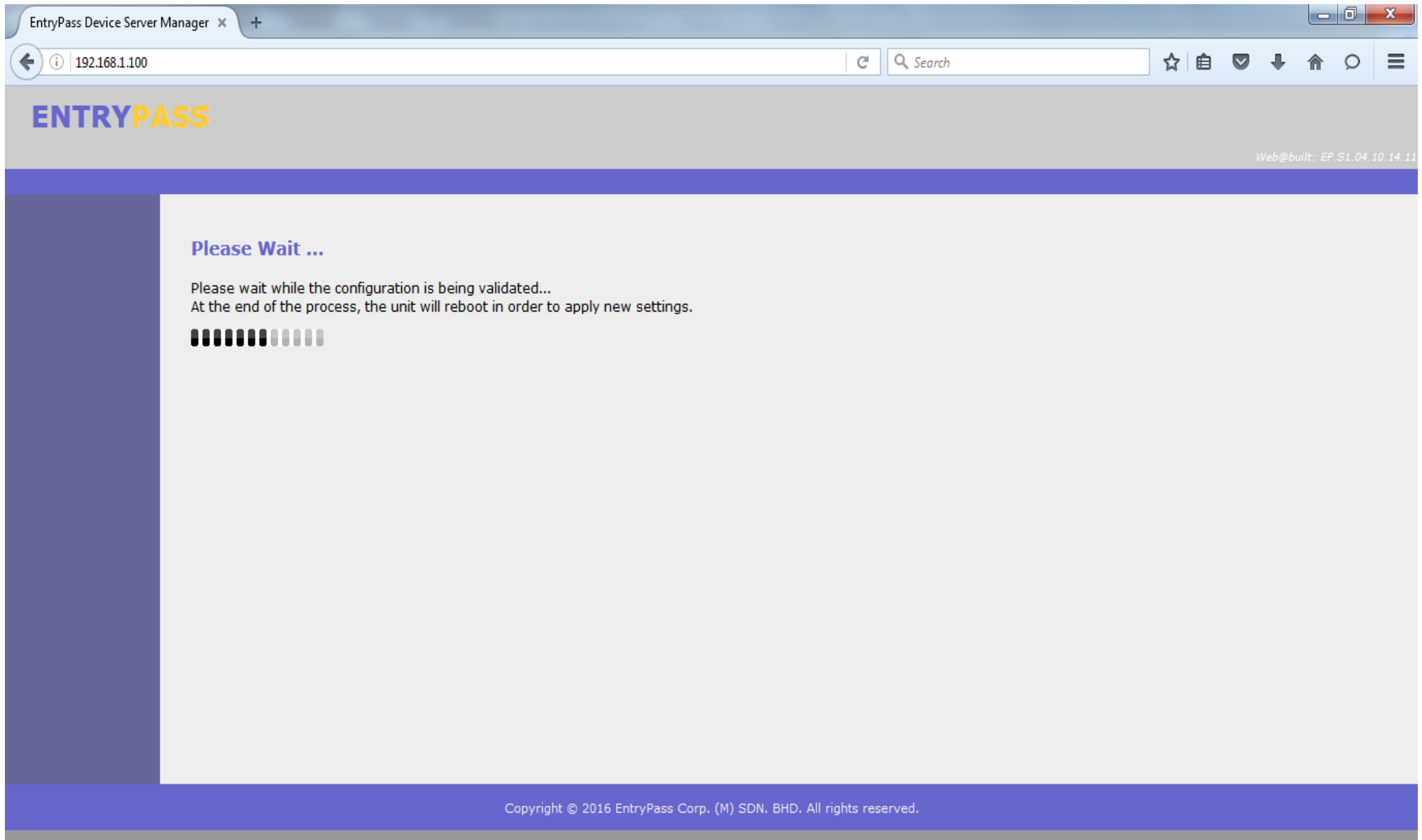
OK Cancel

Click 'OK' button

Save changes

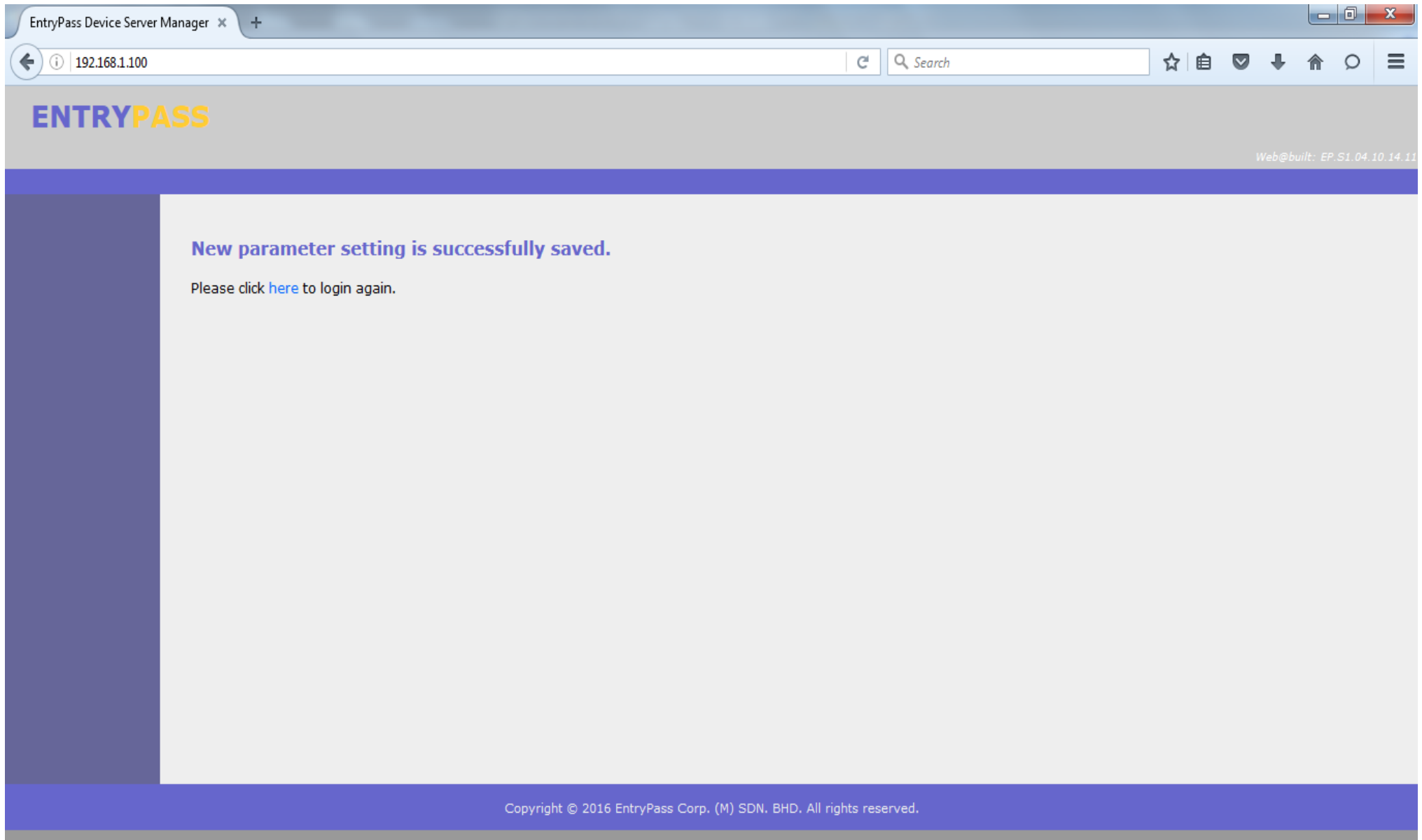
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Notes: After applied setting, new network setting will saved into controller (**controller** will reboot, approximately 5~10 seconds)





Notes: After controller reboot, please proceed to 'Active Network Controller Setup Steps'



Firmware version 4.13 or above



EntryPass Device Server Manager x +

192.168.1.100/8menu.htm

ENTRYPASS

Web@built: EP.S1.04.14.15.04

Network Setting

Setting	Value
IP Address	192.168.1.100
Subnet Mask	255.255.255.0
Gateway IP Address	0.0.0.0
Port Number / Listen Port	2020
Ethernet Speed	<input checked="" type="radio"/> 100Mbps <input type="radio"/> 10Mbps

Save changes

Enter IP address, Subnet Mask, and Gateway IP respectively

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EntryPass Device Server Manager x +

192.168.1.100/8menu.htm

ENTRYPASS

Web@built: EP.S1.04.14.15.04

Welcome
Admin
Network
Serial
Firmware Upload

Apply Settings
Apply Default Settings
Reset Device
Sign Out

Network Setting

Setting	Value
Redundant Node	Node 1 ▾
Type of DNS :	<input type="radio"/> HOST <input checked="" type="radio"/> IP
Host Name / Static IP	192.168.1.254
DNS Server IP	0.0.0.0
Server Active Engine Port / Send Port	2020
Reset Node Setting	<input type="button" value="Reset"/>
Current Active Server	Node 1 ▾

1. Enter Server IP

2. Click 'Save Charges' button

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EntryPass Device Server Manager x +

192.168.1.100/8menu.htm

ENTRYPASS

Web@built: EP.S1.04.14.15.04

Welcome
Admin
Network
Serial
Firmware Upload
Apply Settings
Apply Default Settings
Reset Device
Sign Out

Changes saved. Please click "Apply Settings" for changes to take effect.

Network Settings

Network Settings

Setting	Value
IP Address	192.168.1.100
Subnet Mask	255.255.255.0
Gateway IP Address	0.0.0.0
Port Number / Listen Port	2020
Ethernet Speed	<input checked="" type="radio"/> 100Mbps <input type="radio"/> 10Mbps

Save changes

Click 'Apply Settings' button to apply setting to controller

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EntryPass Device Server Manager x +

192.168.1.100/8menu.htm

ENTRYPASS

Web@built: EP.S1.04.14.15.04

Welcome

Admin

Network

Serial

Firmware Upload

Apply Settings

Apply Default Settings

Reset Device

Sign Out

Changes saved. Please click "Apply Settings" for changes to take effect.

Network Setting

Setting	Value
IP Address	192.168.1.100
Subnet Mask	255.255.255.0
Gateway IP Address	0.0.0.0
Port Number / Listen Port	2020
Ethernet Speed	<input checked="" type="radio"/> 100Mbps <input type="radio"/> 10Mbps

Save changes

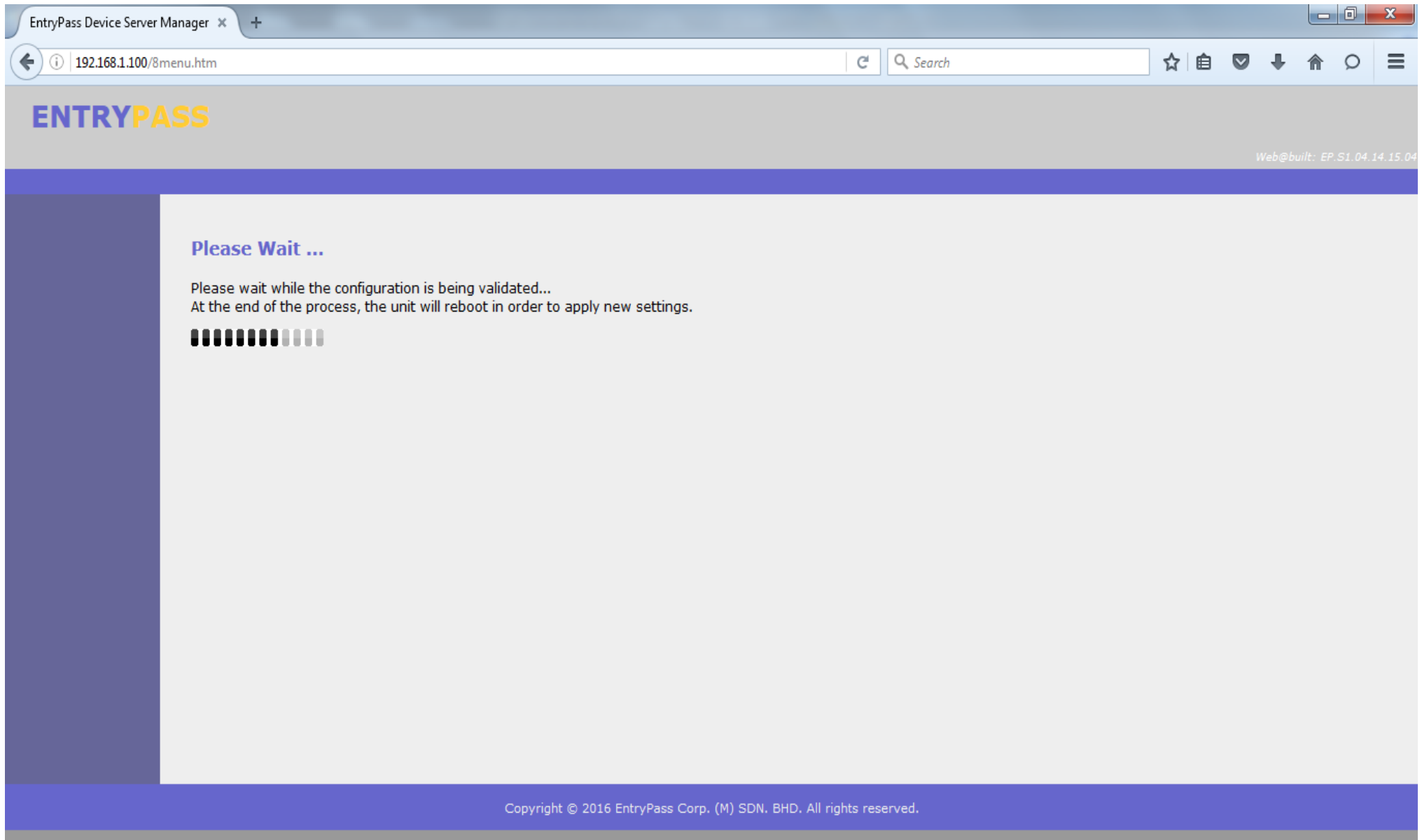
Please confirm action: <APPLY SETTINGS>

OK Cancel

Click 'OK' button

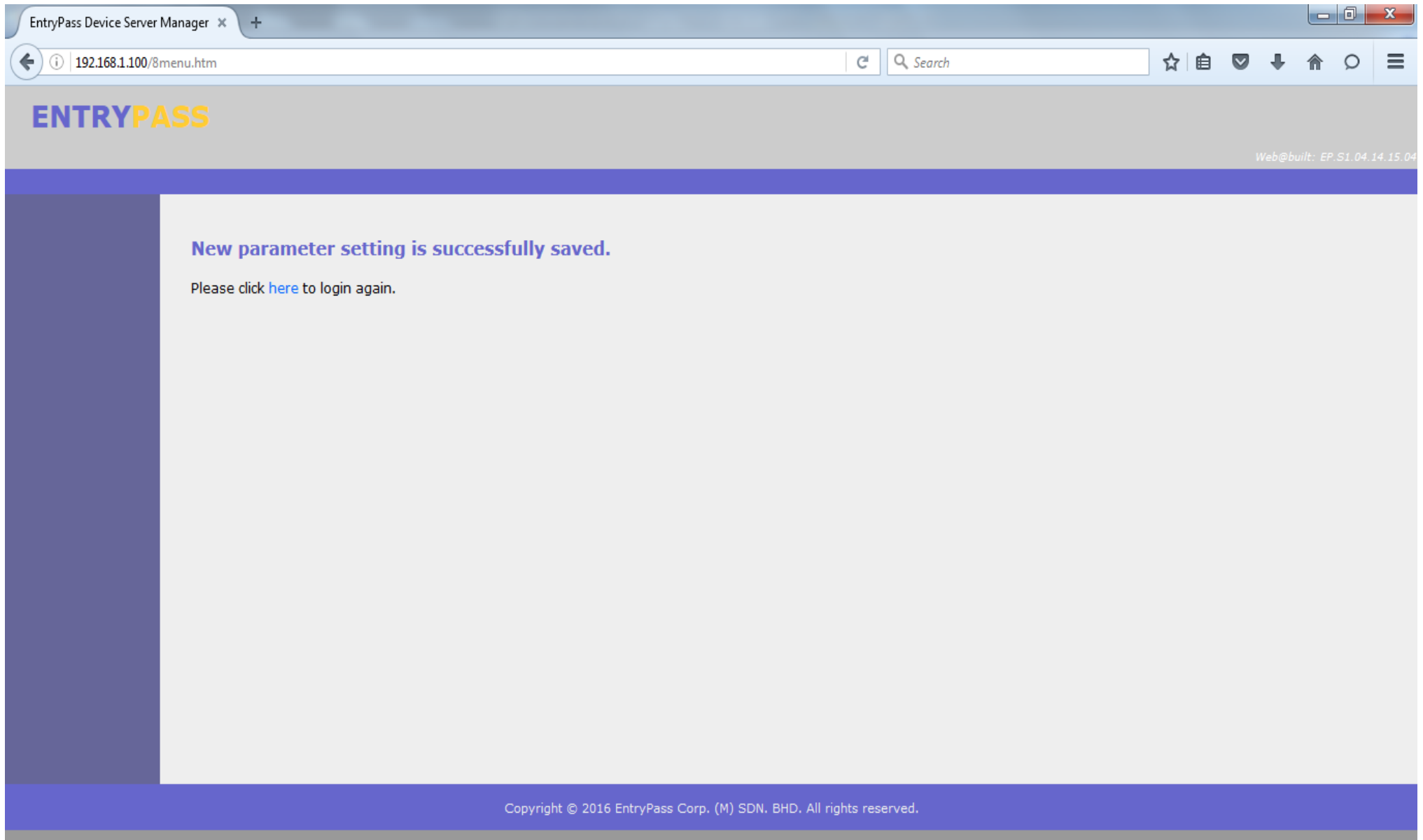
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Notes: After applied setting, new network setting will saved into controller (**controller** will reboot, approximately 5~10 seconds)





Notes: After controller reboot, please proceed to 'Active Network Controller Setup Steps'



Active Network Controller Setup Steps



ENTRYPASS PLATFORM1 SERVER [Standard Edition]

Online Transaction Device List I/O List Guard Tour Floor Plan Roll Call Location Advanced TA Dynamic Triggering Control Panel

NOTIFICATION ALARM

System Company Lift Time Attendance Guard Tour Utilities Batch Card Import Staff Export Staff Export Transaction Send/Retrieve Backup Restore Report Password Diagnostic Client Status CCTV

New Controller Found

Controller Address	Subnet Mask	Gateway	MAC Address	Port No	Model
192.168.1.100	255.255.255.0	0.0.0.0	88-97-DF-01-23-F0	2020	N5200 [64Mb]

New controller found: 1

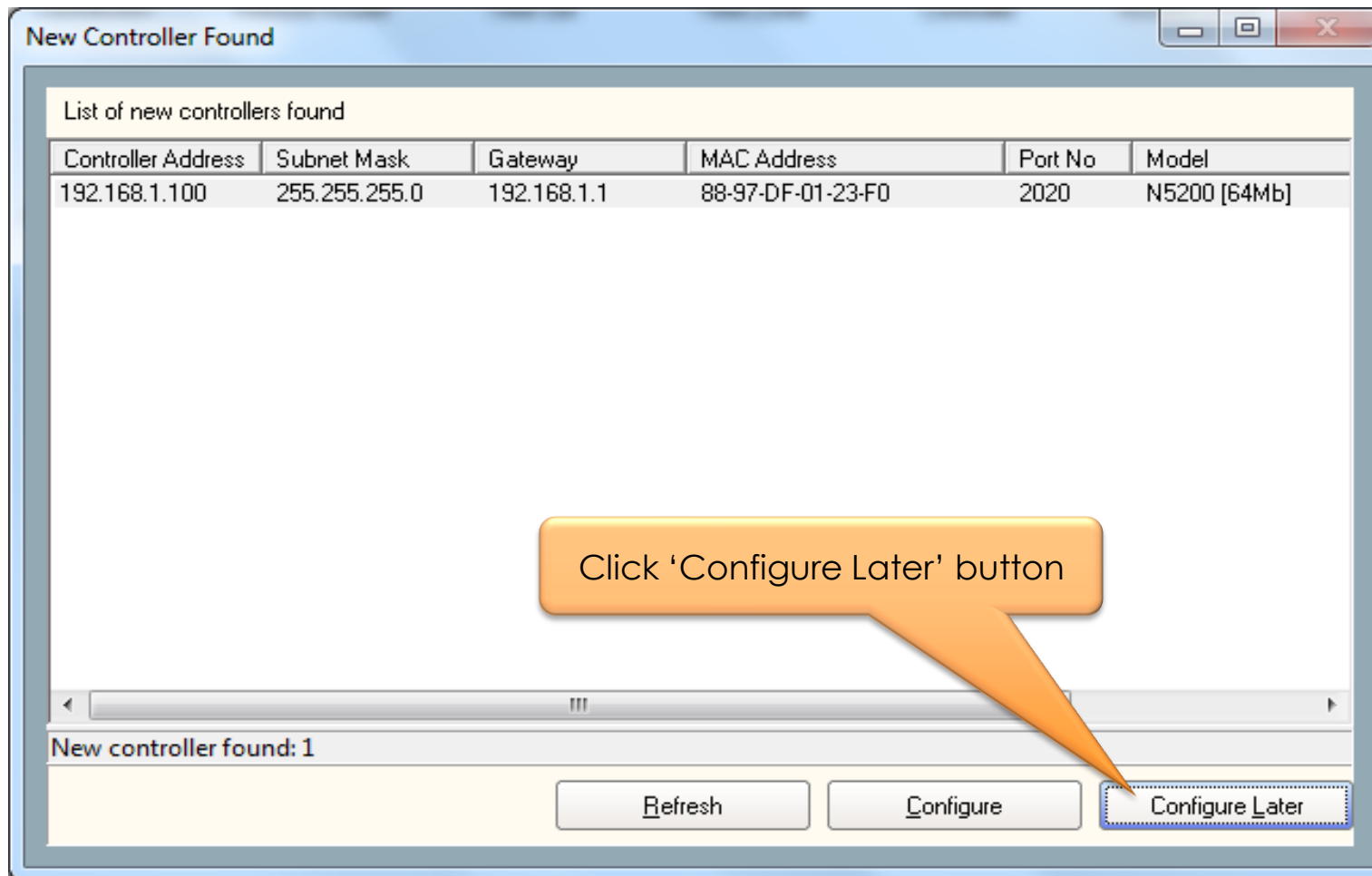
Refresh Configure Configure Later

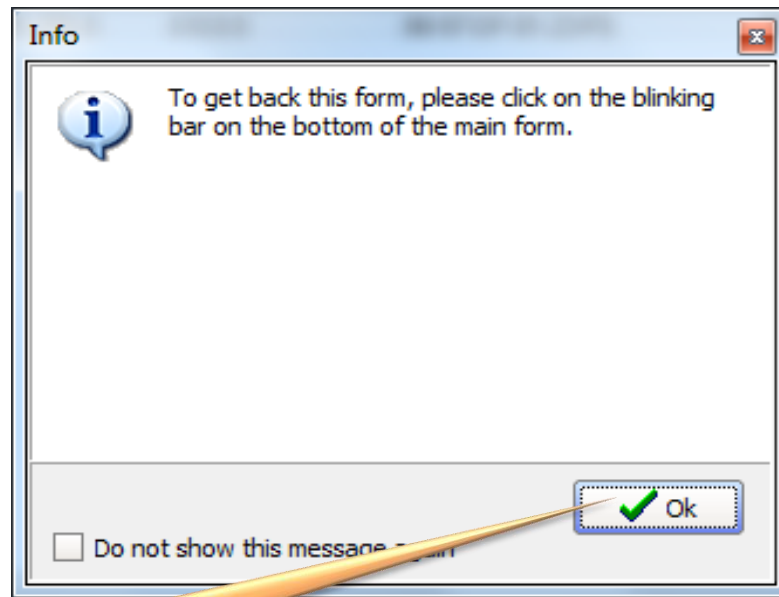
Show New Controller Found

Host Name: Tan-PC IP Address: 192.168.1.254 System User: EntryPass Date/Time: Thu, 14 Apr 2016 16:54:54

Notes: If the controller network parameter configured correctly, the 'New Controller Found' wizard will auto pop up on the screen.

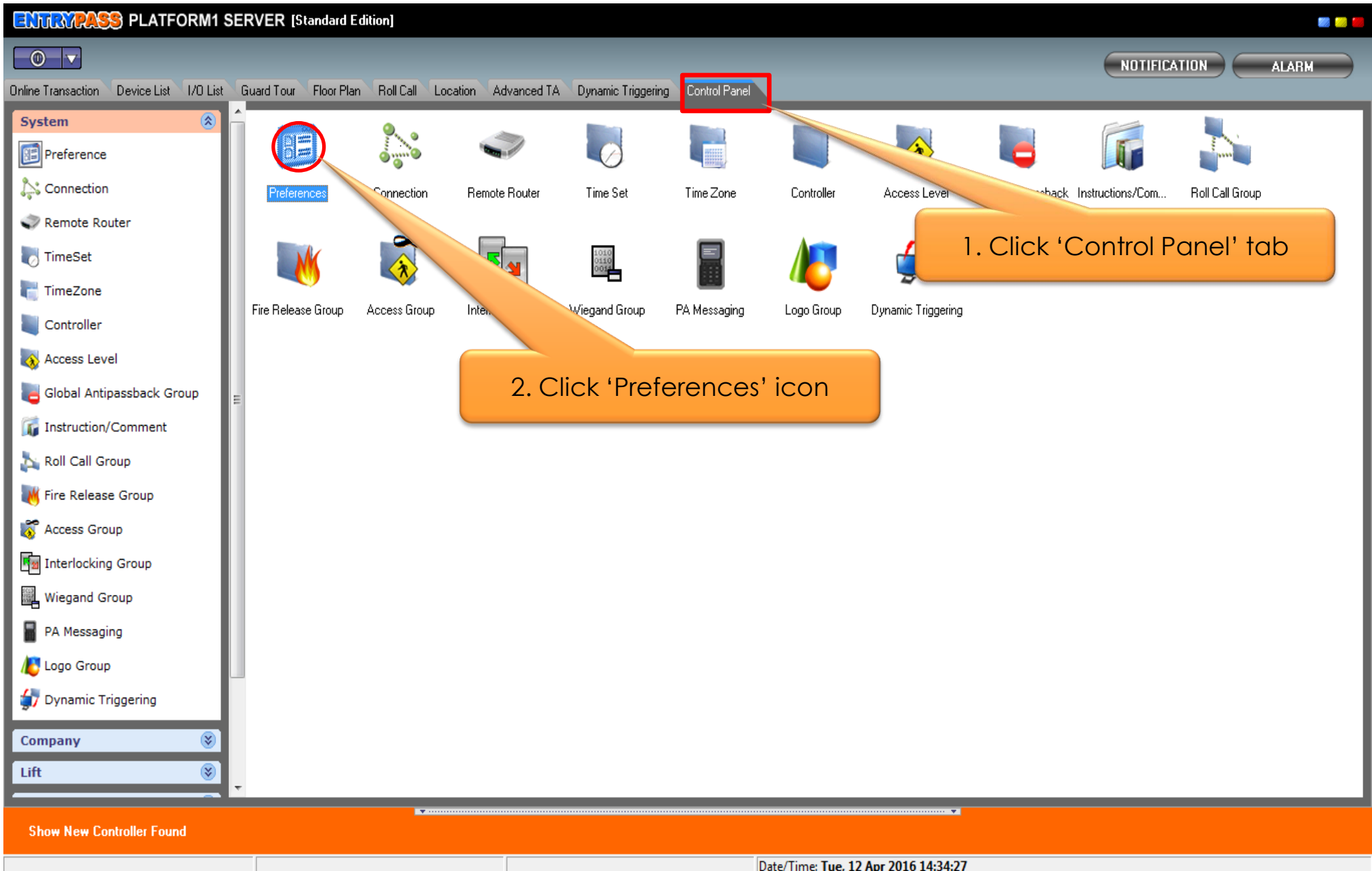


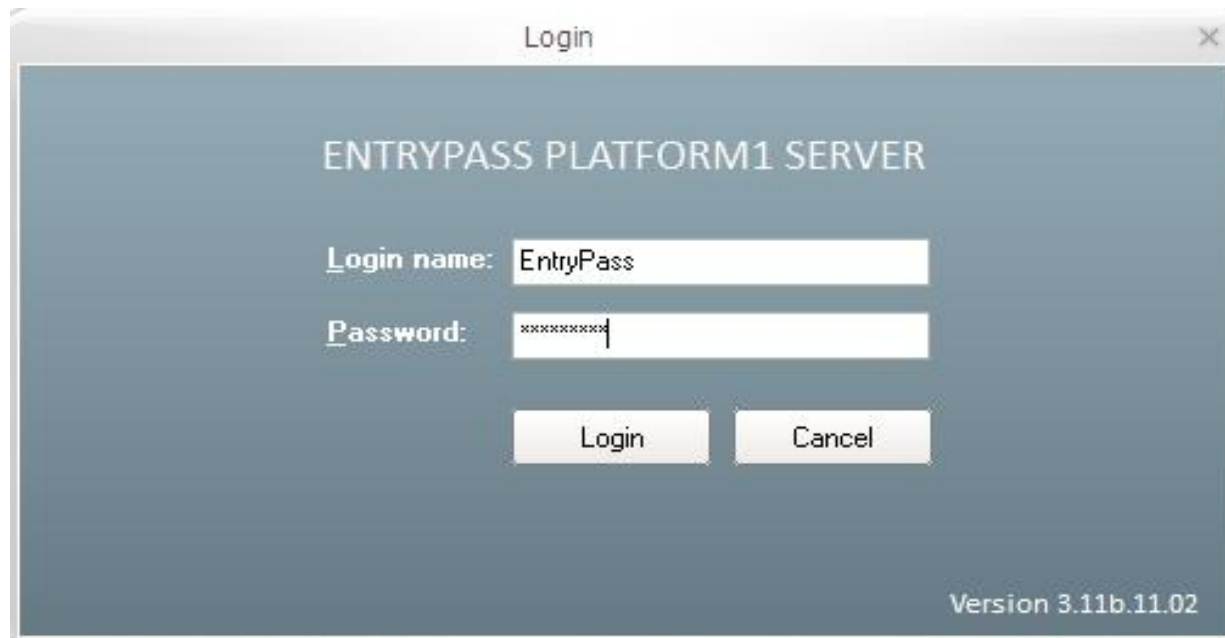




Click 'OK' button





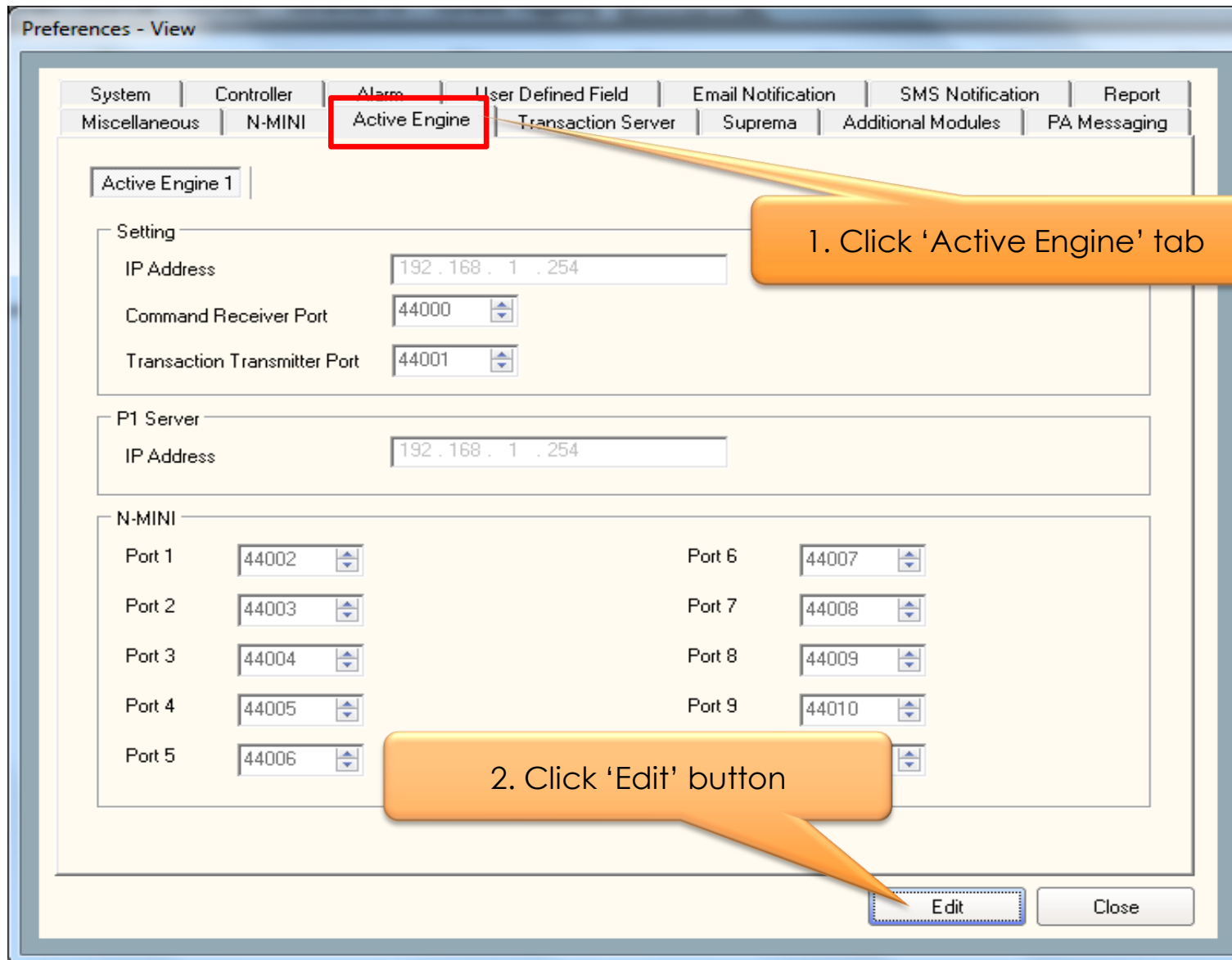


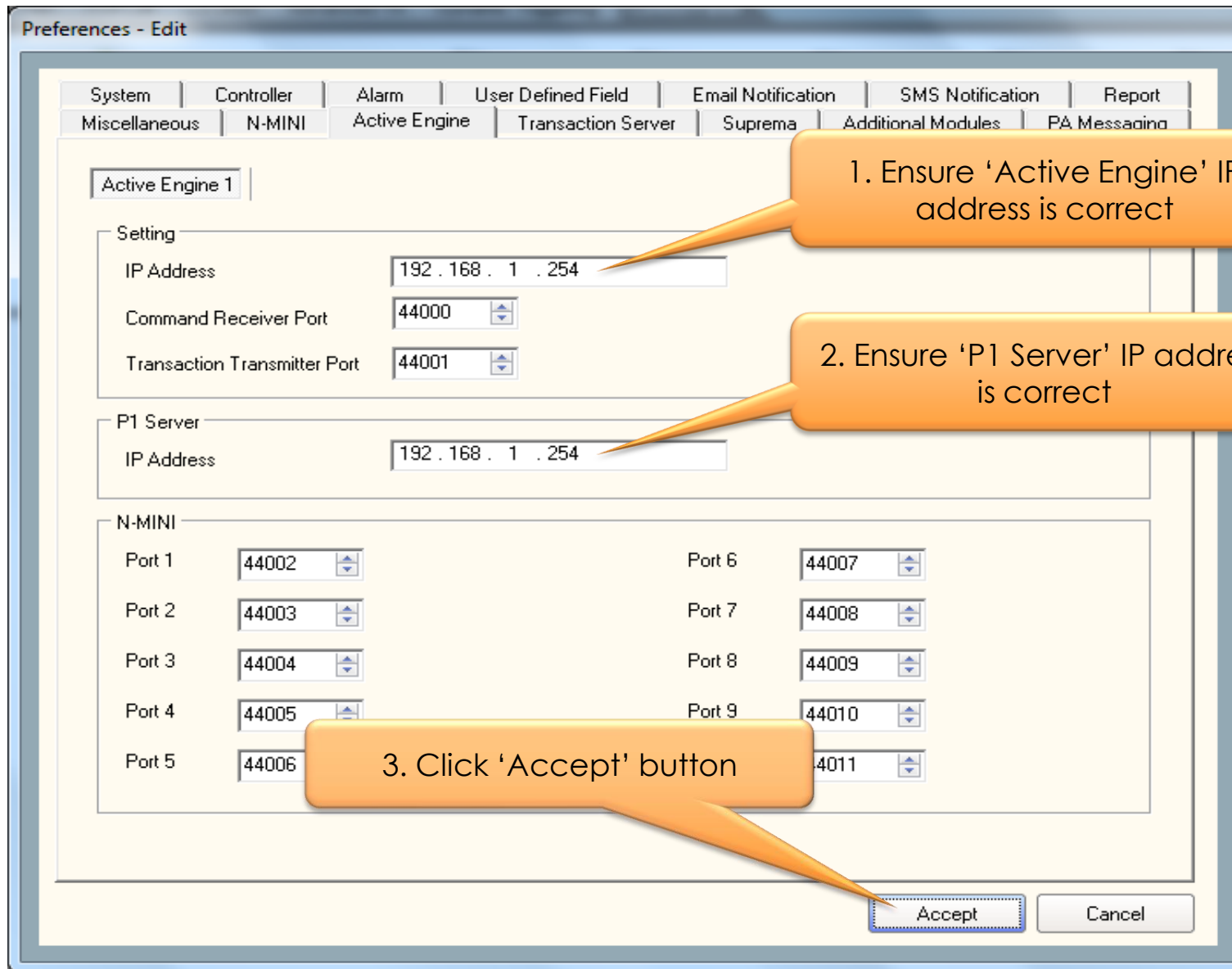
Default:

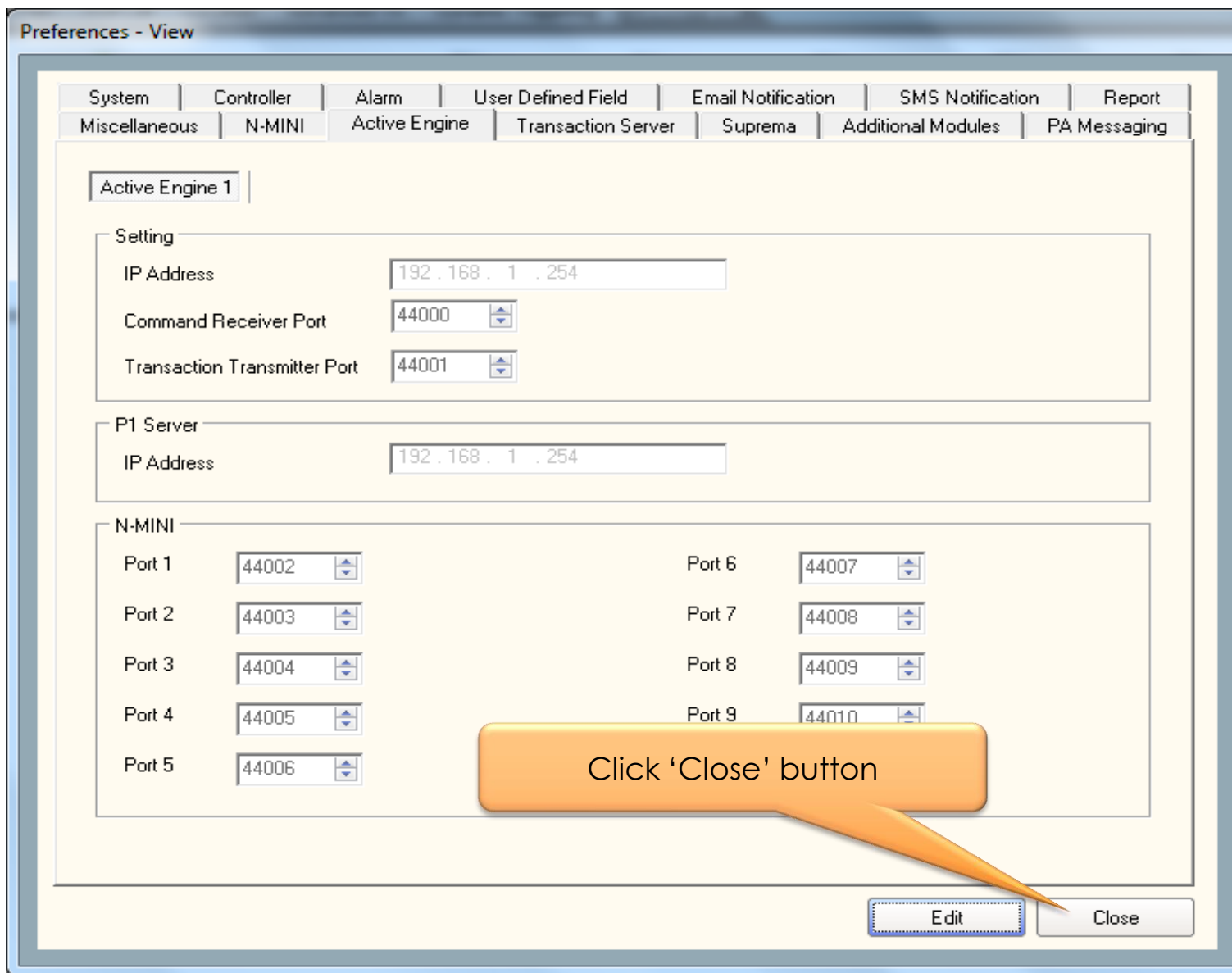
Login name : EntryPass

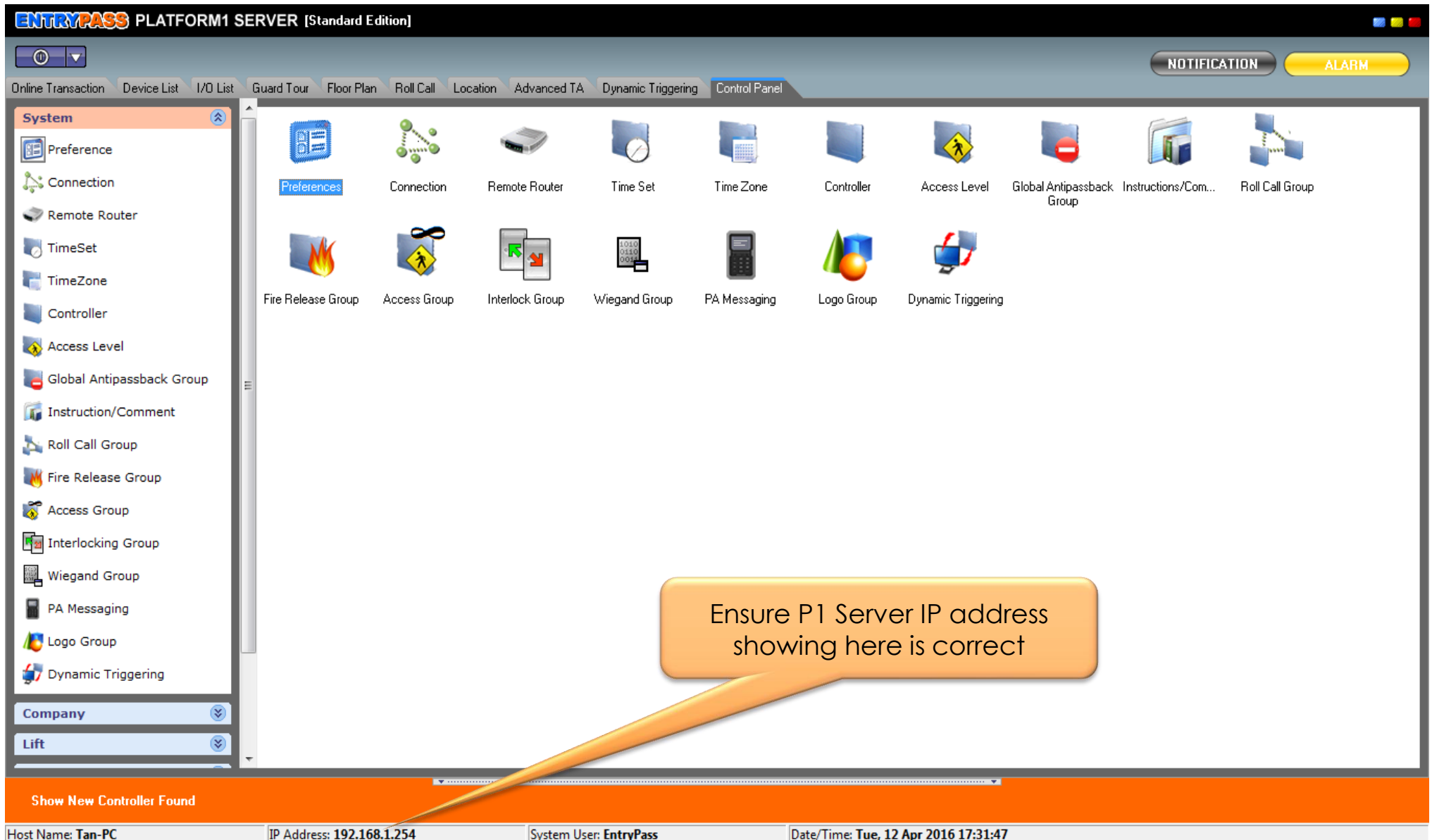
Password : EntryPass











Notes: If you get the different IP Address showing on P1 Server status bar, please disable the wireless connection(if any), and then restart P1 Server.



ENTRYPASS PLATFORM1 SERVER [Standard Edition]

Online Transaction Device List I/O List Guard Tour Floor Plan Roll Call Location Advanced TA Dynamic Triggering Control Panel

System

- Preference
- Connection
- Remote Router
- TimeSet
- TimeZone
- Controller
- Access Level
- Global Antipassback
- Instruction/Comm
- Roll Call Group
- Fire Release Group
- Access Group
- Interlocking Group
- Wiegand Group
- PA Messaging
- Logo Group
- Dynamic Trigger

Company

Lift

Preferences

Fire Release Group

New Controller Found

Controller Address	Subnet Mask	Gateway	MAC Address	Port No	Model
192.168.1.100	255.255.255.0	0.0.0.0	88-97-DF-01-23-F0	2020	N5200 (64Mb)

New controller found: 1

Refresh Configure Configure Later

1. Click 'Show New Controller Found' button

2. Select controller from the list

3. Click 'Configure' button

Show New Controller Found

Host Name: Tan-PC | IP Address: 192.168.1.254 | System User: Entrypass | Date/Time: Tue, 12 Apr 2016 17:37:28

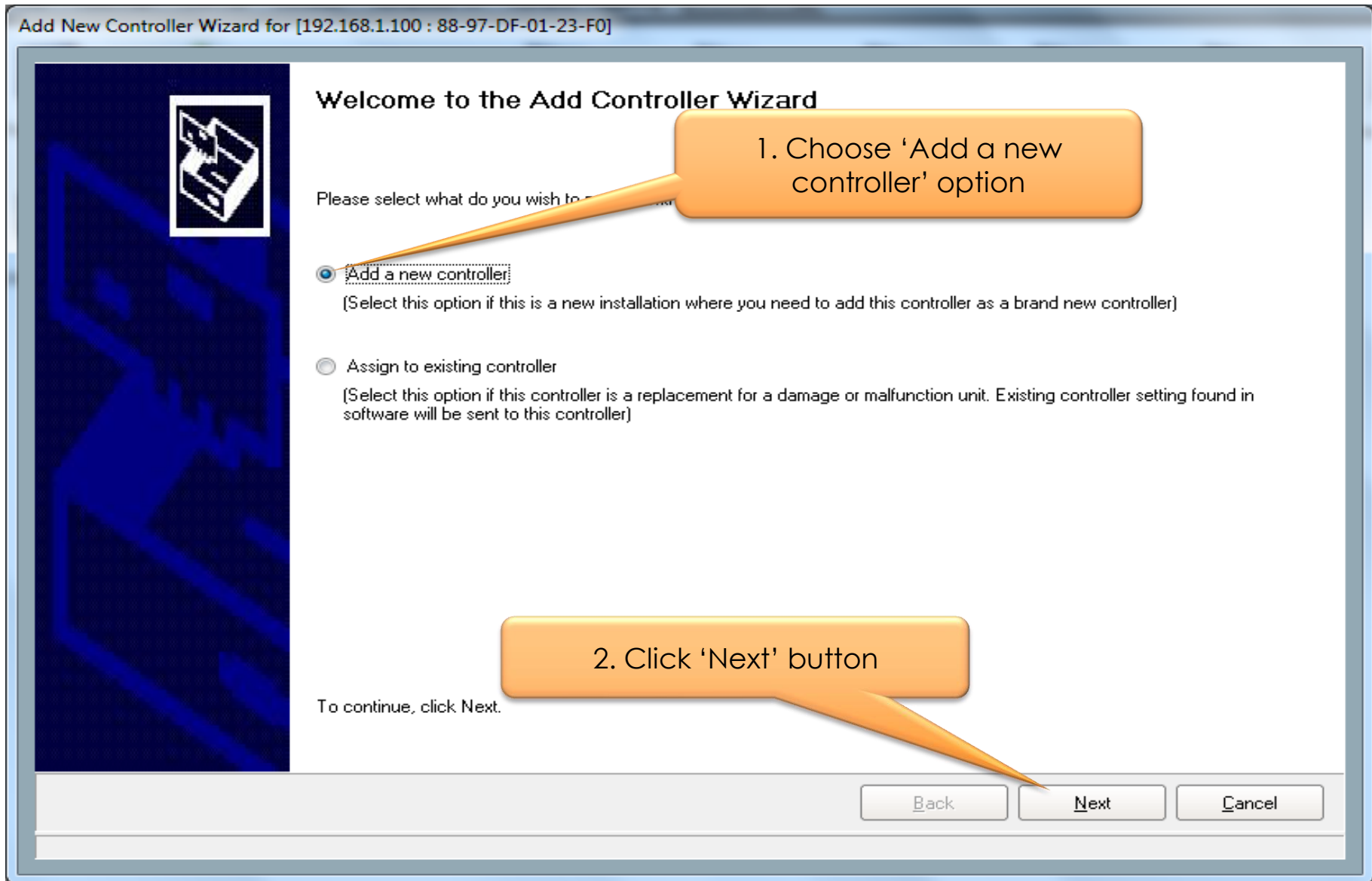
Notes: If there are more than one controller in the network, those controller will showing on the windows. Please choose one controller at a time to configure. Kindly refer [Appendix C](#) if no available controller display on 'New Controller Found' Windows.





Notes: For new installation, please select 'Add new controller' option. For replacement installation, please select 'Assign to existing controller' option.





Add New Controller Wizard for [192.168.1.100 : 88-97-DF-01-23-F0]

Please fill up some basic information about this controller. These information will be used to identify this controller.

General Setting

Controller Name * Description

Door Name * Description

Profile

Description In and Out Reader

Reader Setting

Reader 1 Name * Description


Reader 2 Name * Description

Advanced Setting

Use AES Encryption

Field with * is compulsory and must be filled in. To continue, click Next.

Back Next Cancel



Add New Controller Wizard for [192.168.1.100 : 88-97-DF-01-23-F0]

Please fill up some basic information about this controller. These information will be used to identify this controller.

General Setting

Controller Name *	Main Door	Description	Main Door
Controller Name *	Main Door	Description	Main Door

Reader Setting

Reader 1 Name *	Main Door In	Description	Main Door In
Reader 2 Name *	Main Door Out	Description	Main Door Out

Advanced Setting

Use AES Encryption:

Field with * is compulsory and must be filled in. To continue, click Next.

Back Next Cancel

1. Enter controller name, door name and description

2. Enter reader name and description

3. Click 'Next' button



Add New Controller Wizard for [192.168.1.100 : 88-97-DF-01-23-F0]

These are the current setting retrieved from the controller.

Current Controller Setting

Controller Address: 192 . 168 . 1 . 100

Port No.: 2020

Subnet Mask: 255 . 255 . 255 . 0

Gateway: 192 . 168 . 1 . 1

Please fill up the new setting that you wish to send to the controller.

Active Engine

Active Engine ID: [Dropdown]

New Controller Setting

Controller Address: 192 . 168 . 1 . 100

Port No.: 44002

Subnet Mask: 255 . 255 . 255 . 0

Gateway: 192 . 168 . 1 . 1

Field with

2. Click 'Next' button

Back Next Cancel

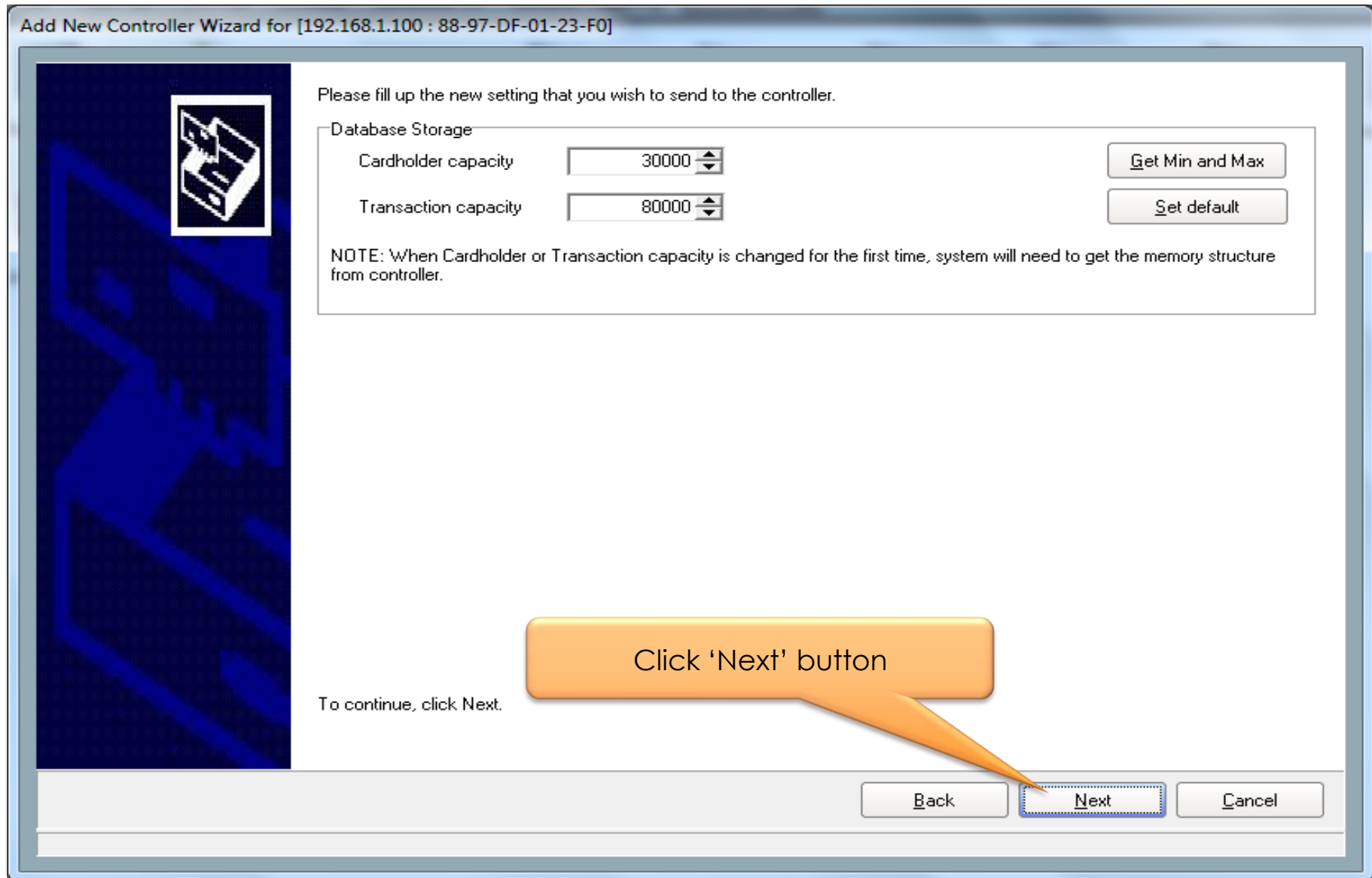
1. Ensure 'Current Controller Setting' for the following fields:

- Controller Address
- Subnet Mask
- Gateway

Same as 'New Controller Setting'

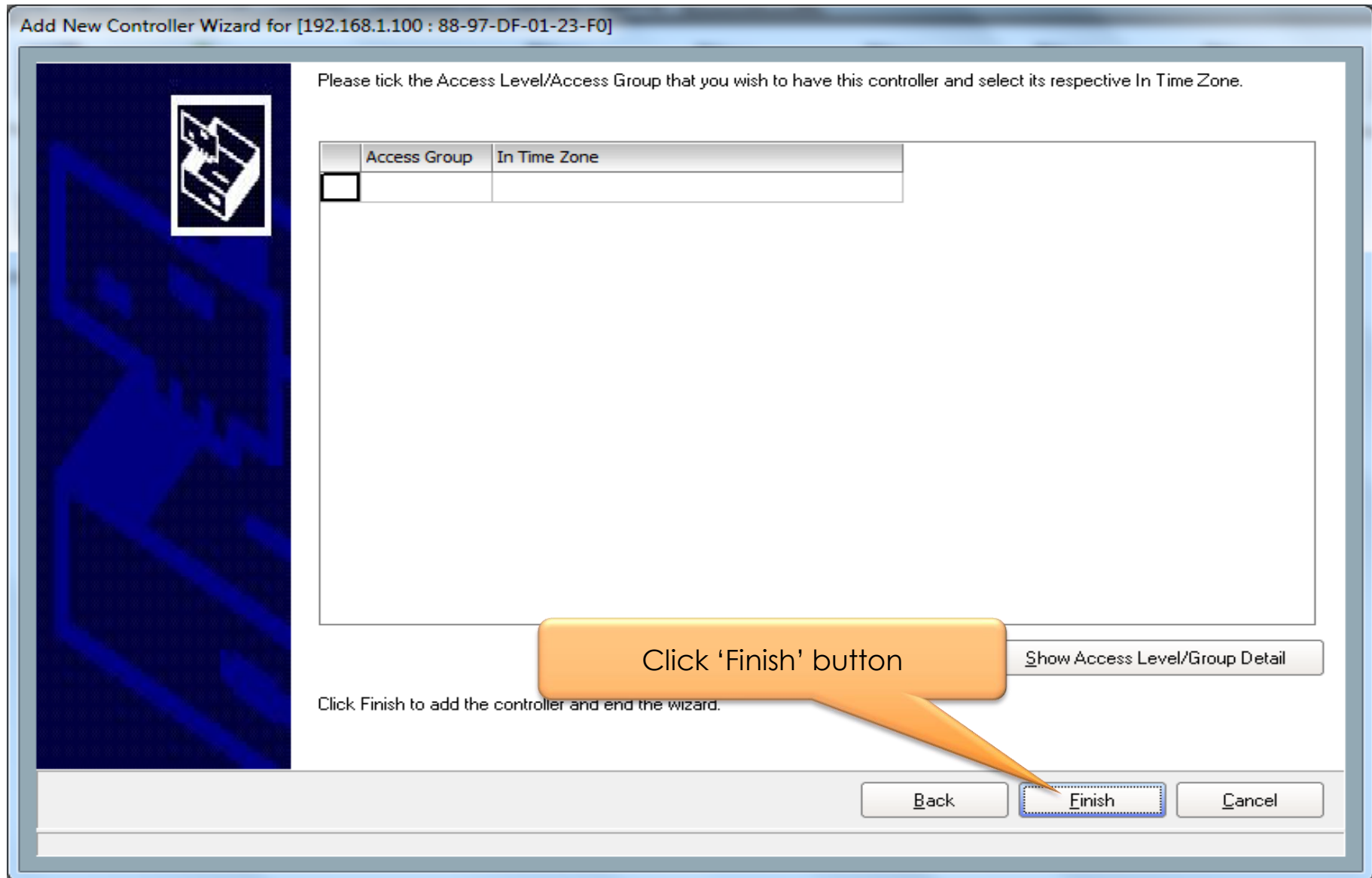
Notes: Please ensure that the 'Gateway' setting for both 'Current Controller Setting' and 'New Controller Setting' are same. Please do not change the 'Port No'.

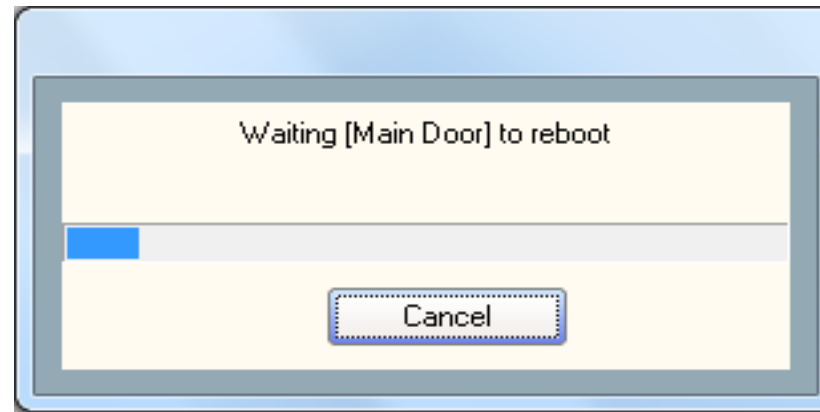




Notes: This setup screen only available for the following controllers model:
S3200, S3400, N5200 and N5400







Notes: Please ensure that you getting the above message ('Waiting [Controller Name] to reboot') during sending process begin.
If you're getting the 'Sending <Network Parameter>' message, please cancel the process, and then go to 'Preferences → Active Engine' to check your Active Engine and P1 Server IP address. (Please refer to page 54).



ENTRYPASS PLATFORM1 SERVER [Standard Edition]

Online Transaction **Device List** ...

Click 'Device List' tab

NOTIFICATION ALARM

Docked

Controller Name	Controller Description	Status	Door/Point Name	Door/Point Description	State	Lock/Arm/Keyswitch	Control Mode	Reader 1		Reader 2	
								Status	Mode	Status	Mode
Main Door	Main Door	Up	Main Door	Main Door	Door Closed	Disarm		No Tamper	No Tamper	No Tamper	No Tamper

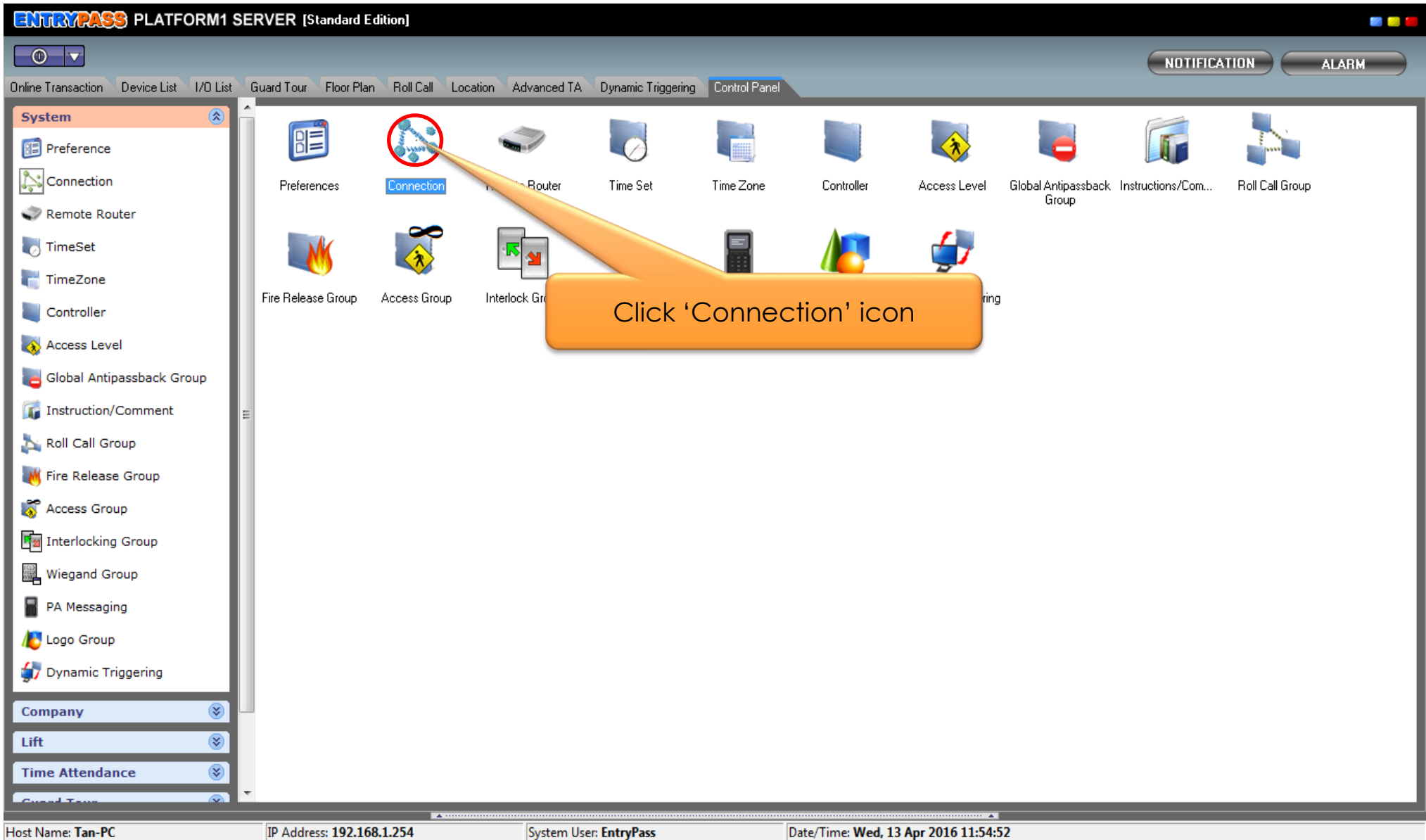
Host Name: Tan-PC | IP Address: 192.168.1.254 | System User: EntryPass | Date/Time: Tue, 12 Apr 2016 14:53:55

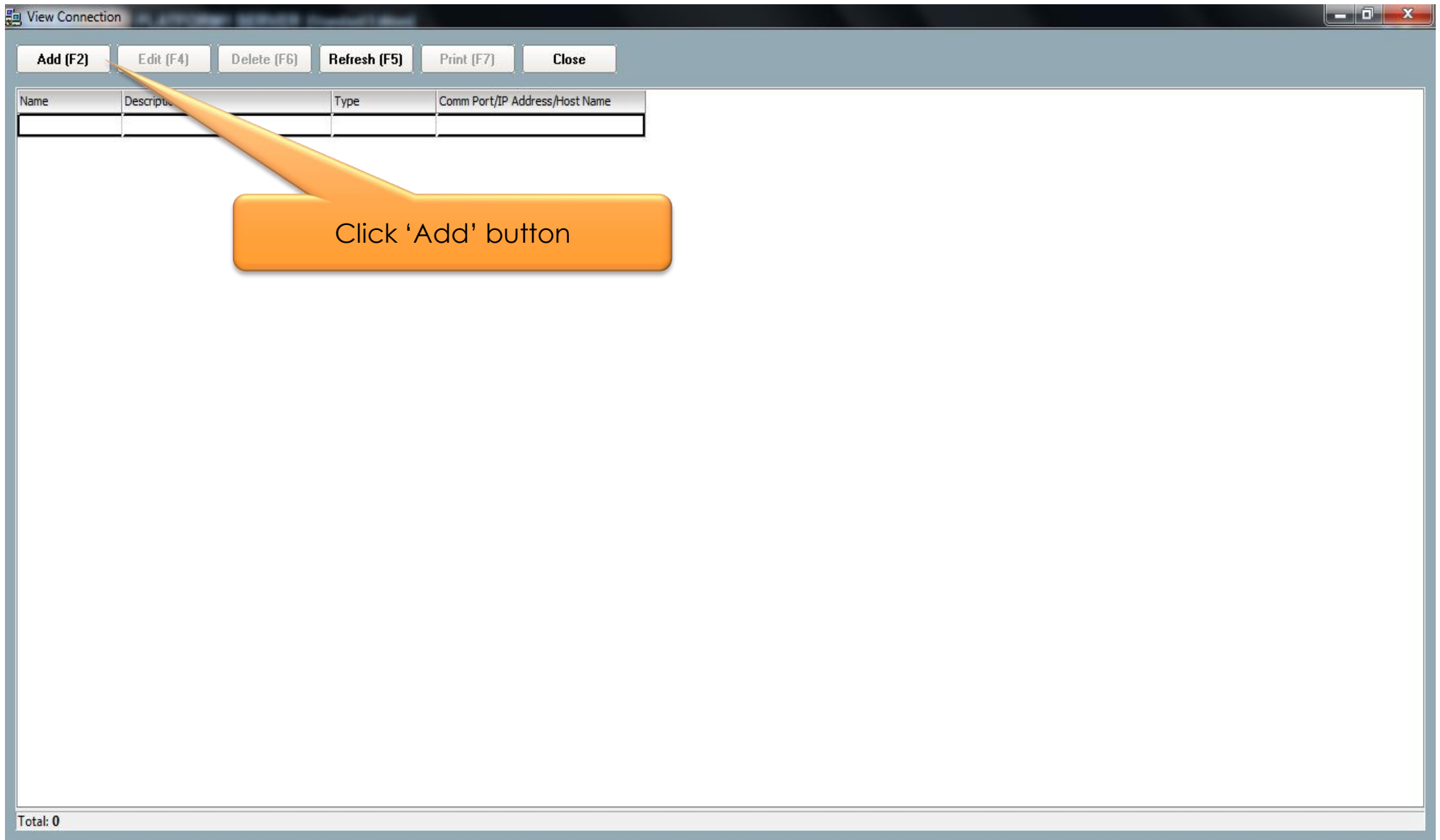
Notes: Please go to 'Device List' to check the controller status. Kindly refer [Appendix C](#) if the controller status is down.

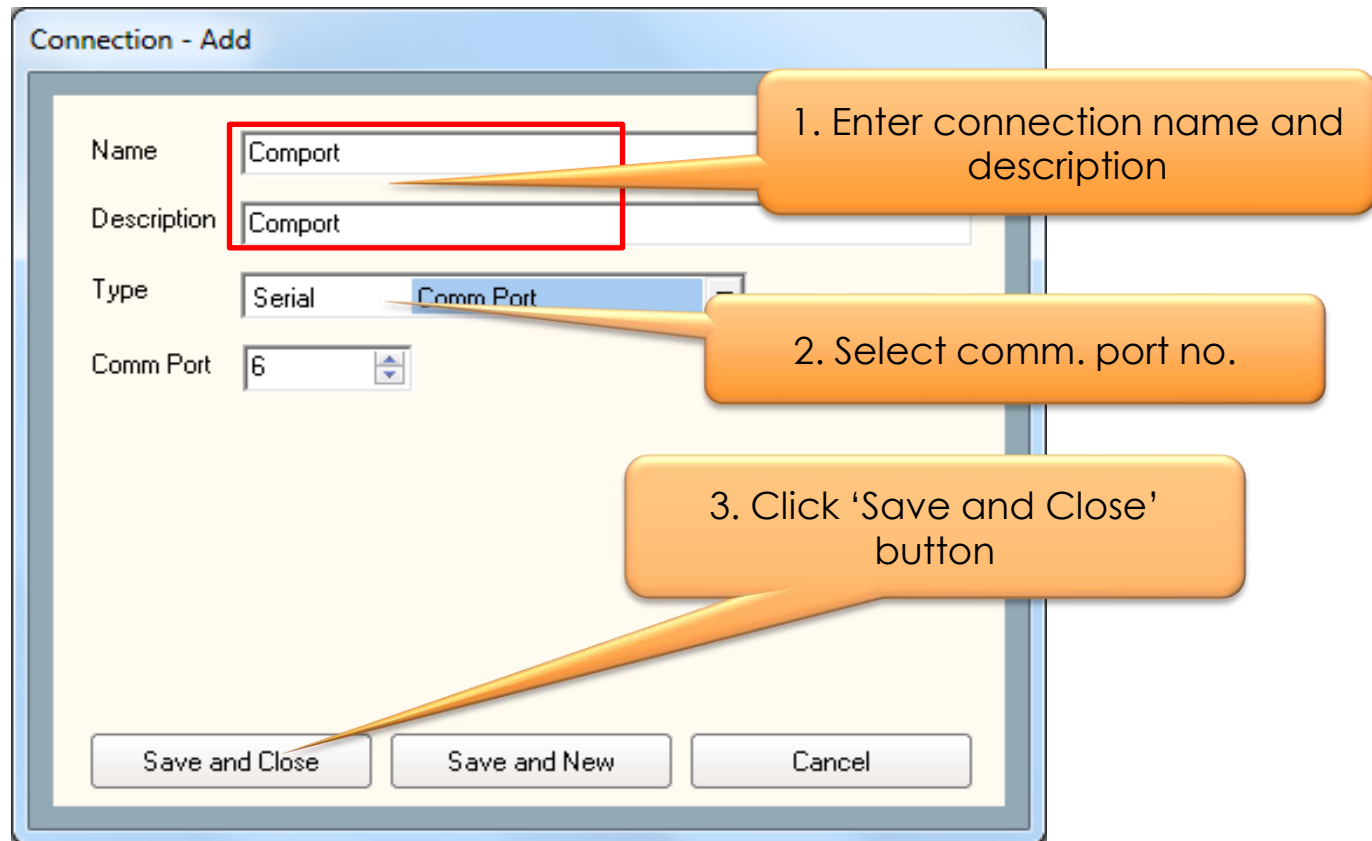


Serial (RS232/RS485) Controller Setup Steps









Notes: Please refer to Windows Control Panel → 'System' icon → 'controller' tab, and then click 'Device Manager' button for communication port information (based on Windows XP).



The screenshot shows a software window titled "View Connection". At the top, there is a menu bar with several buttons: "Add (F2)", "Edit (F4)", "Delete (F6)", "Refresh (F5)", "Print (F7)", and "Close". Below the menu bar is a table with the following data:

Name	Description	Type	Comm Port/IP Address/Host Name
Comport	Comport	Serial	Comm 6

An orange callout box with a pointer to the "Close" button contains the text "Click 'Close' button". At the bottom left of the window, it says "Total: 1".



ENTRYPASS PLATFORM1 SERVER [Standard Edition]

Online Transaction | Device List | I/O List | Guard Tour | Floor Plan | Roll Call | Location | Advanced TA | Dynamic Triggering | **Control Panel**

NOTIFICATION | ALARM

System

- Preference
- Connection
- Remote Router
- TimeSet
- TimeZone
- Controller**
- Access Level
- Global Antipassback Group
- Instruction/Comment
- Roll Call Group
- Fire Release Group
- Access Group
- Interlocking Group
- Wiegand Group
- PA Messaging
- Logo Group
- Dynamic Triggering

Company | Lift | Time Attendance | Guard Tour

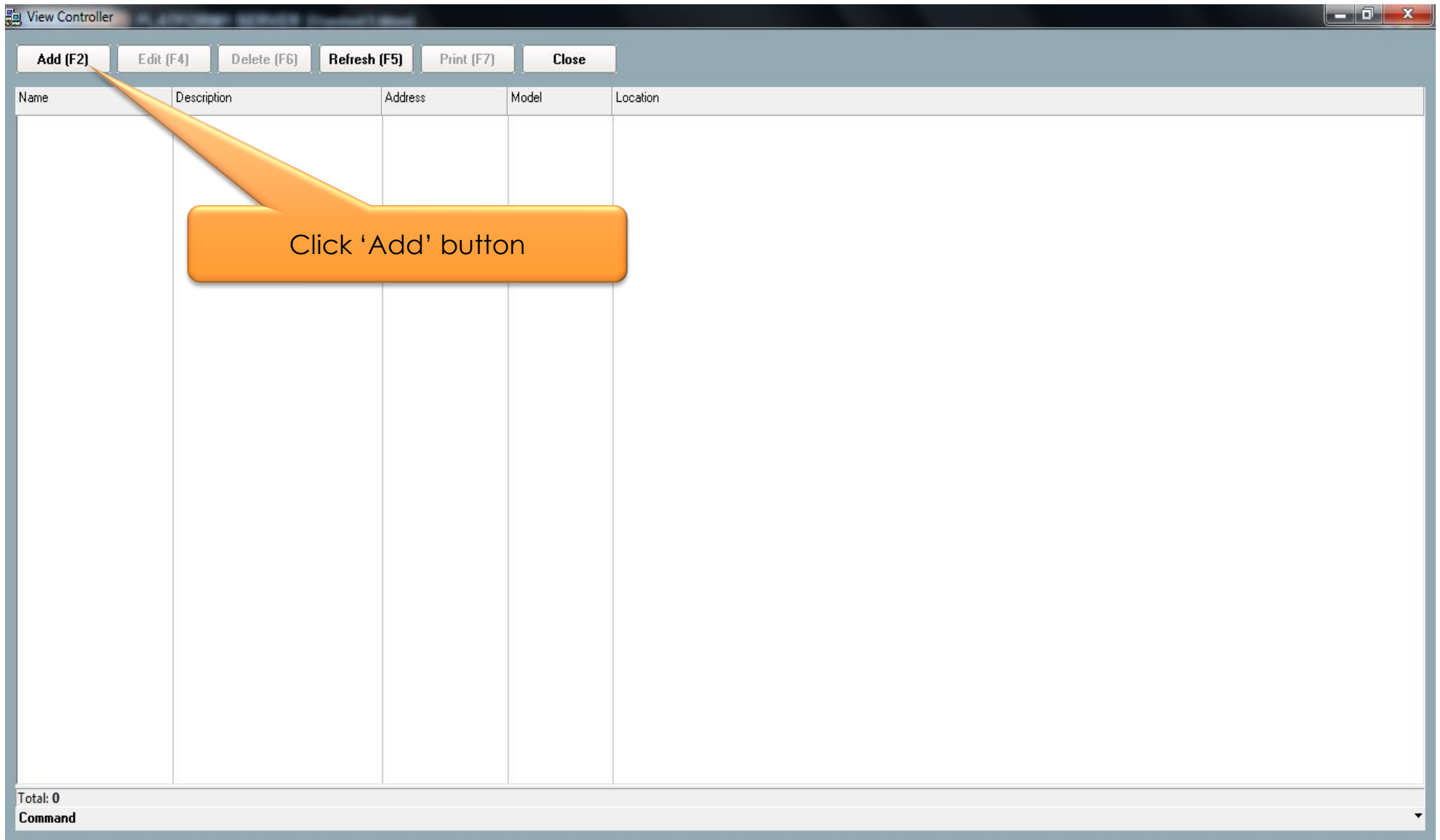
Preferences | Connection | Remote Router | Time Set | Time Zone | **Controller** | Access Level | Global Antipassback Group | Instructions/Com... | Roll Call Group

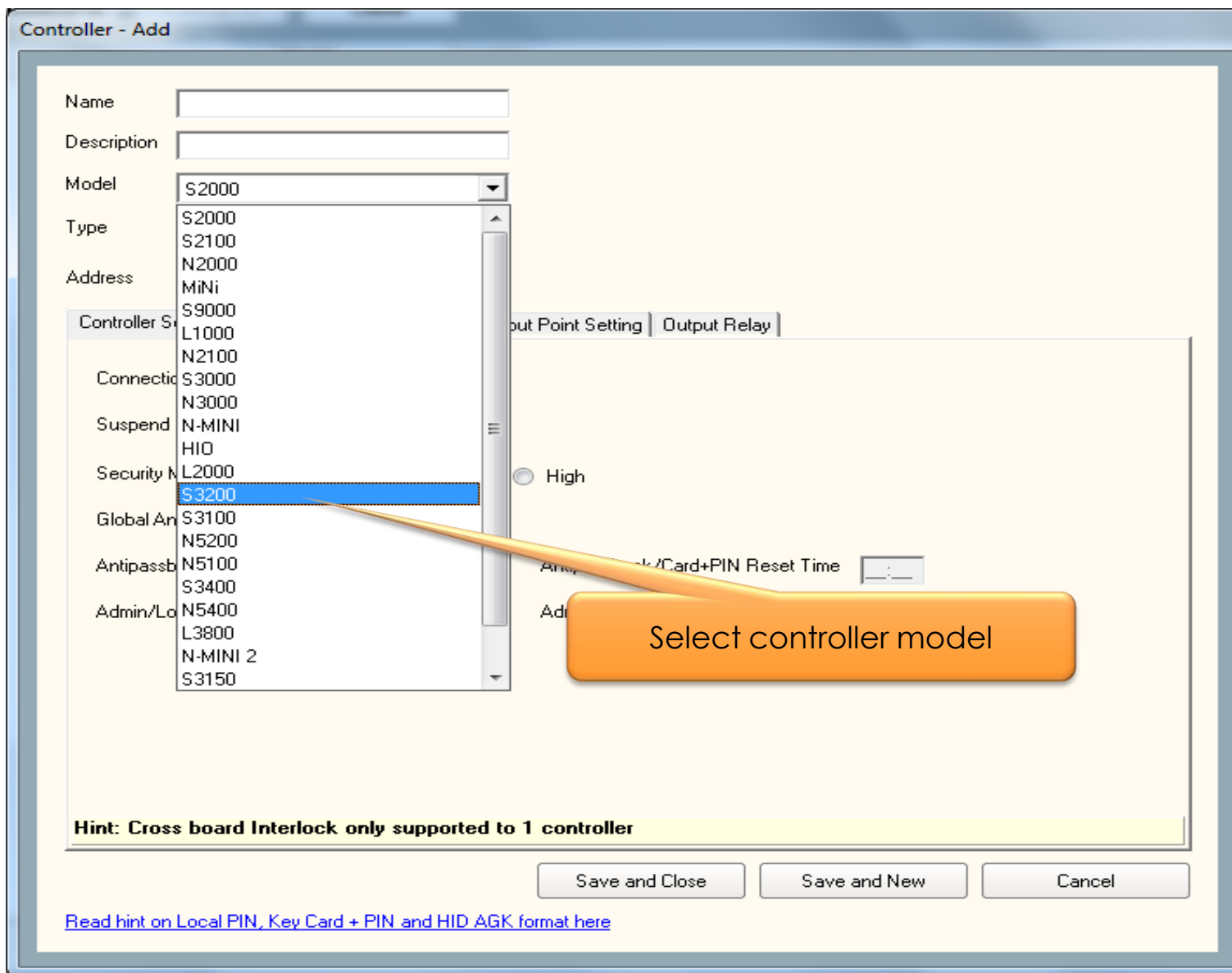
Fire Release Group | Access Group | Interlock Group | Wiegand Group | PA Messaging | Logo Group | Dynamic Triggering

Click 'Controller' icon

Host Name: Tan-PC | IP Address: 192.168.1.254 | System User: EntryPass | Date/Time: Wed, 13 Apr 2016 10:12:47







Controller - Add

Name: (1. Enter controller name and description)

Description: (1. Enter controller name and description)

Model:

Address: (2. Enter controller unit address)

Connection: [Undefined](#) (3. Click 'Undefined' option)

Suspend Polling: No

Global Antipassback Group: [Undefined](#)

Antipassback/Card+PIN Reset: No Antipassback/Card+PIN Reset Time:

Admin/Local Pin Reset: Yes Admin/Local Pin Reset Time:

Cross board Interlock Group: [Undefined](#) Enabled Interlock: No

Hint: Cross board Interlock only supported to 1 controller

[Read hint on Local PIN, Key Card + PIN and HID AGK format here](#)

Notes: Unit address for HCB Serial Board is starting with 3 octets of 255, the last octets represents the dip-switch selected on the controller controller (kindly refer [Appendix B](#) for Dip-Switch Addressing Table)

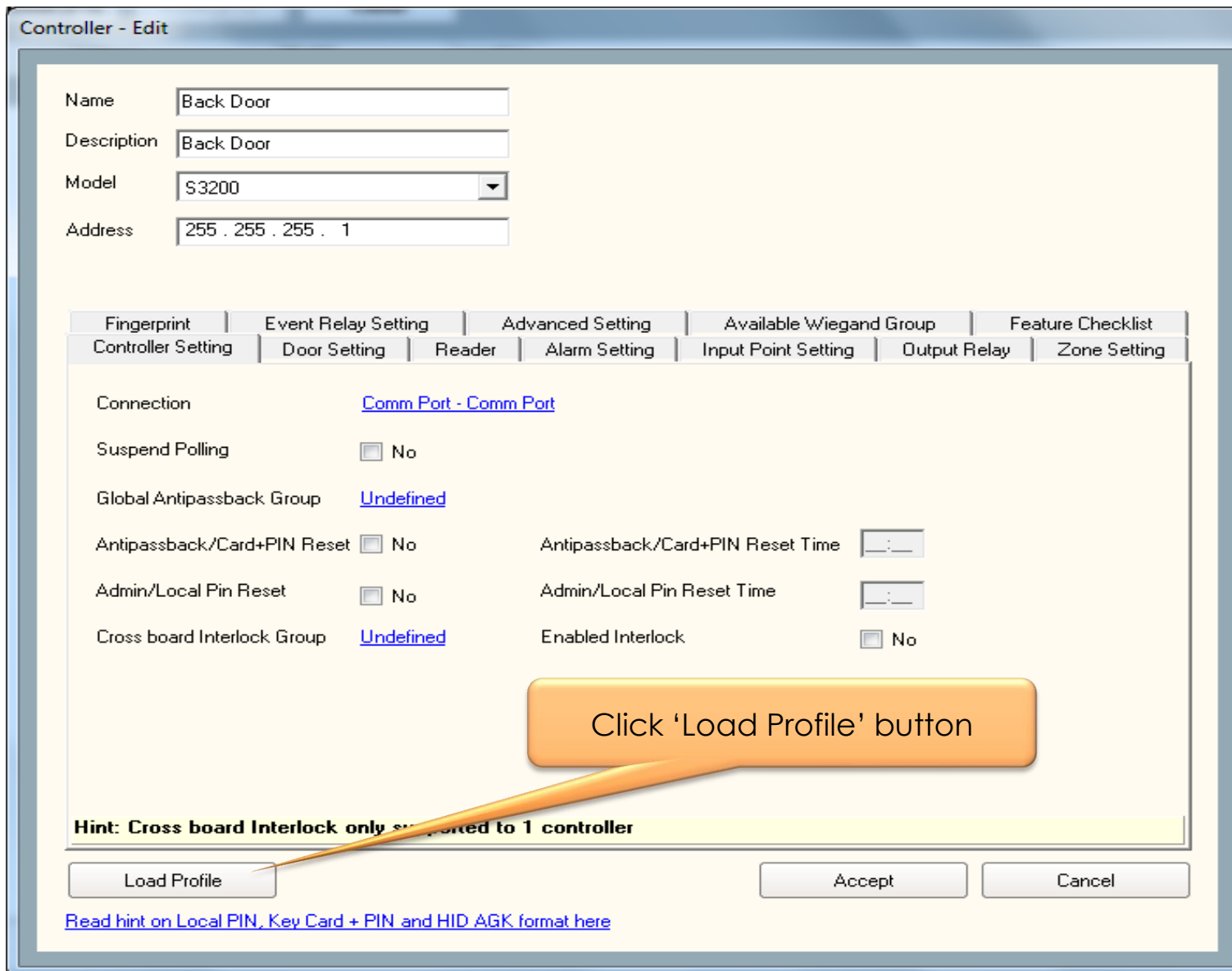


The screenshot shows a software window titled "View Connection". At the top, there is a toolbar with buttons for "Add (F2)", "Edit (F4)", "Delete (F6)", "Refresh (F5)", "Print (F7)", "Close", and "Select". Below the toolbar is a table with the following data:

Name	Description	Type	Comm Port/IP Address/Host Name
Comm Port	Comm Port	Serial	Comm 6

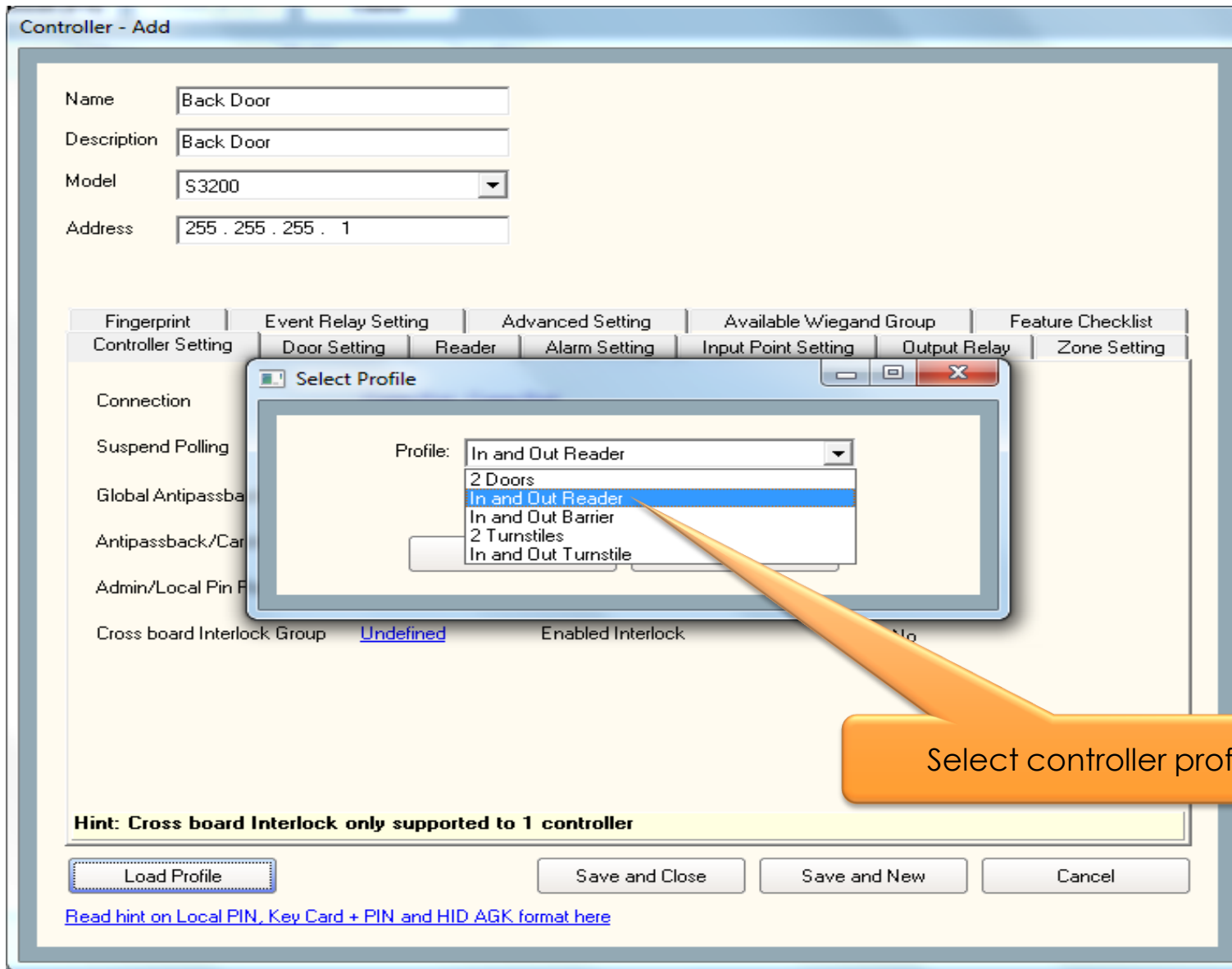
Two orange callout boxes with arrows provide instructions: "1. Select connection" points to the first row of the table, and "2. Click 'Select' button" points to the "Select" button in the toolbar. At the bottom left of the window, it says "Total: 1".





Notes: After selected the connection, the connection name will showing on the connection field.





Controller - Add

Name:

Description:

Model:

Address:

1. Click 'Door Setting' tab

Fingerprint | Event Relay Setting | Advanced Setting | Available Wiegand Group | Feature Checklist
 Controller Setting | **Door Setting** | Reader | Alarm Setting | Input Point Setting | Output Relay | Zone Setting

Parameters	Door 1
Name	<input type="text" value="Back Door"/>
Description	<input type="text" value="Back Door"/>
Lock release time (sec)	15
Open time (sec)	30
Entry Zone ID	1
Exit Zone ID	2
Card + PIN Time Zone	0 - Not Active
Card + PIN Lockout Count	0
Lock Release Time Zone	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active
Antipassback Lockout	<input type="checkbox"/> No

2. Enter door name and description

Hint: Interlock selectable by door only applicable on Phase 4 or above.

[Read hint on Local PIN, Key Card + PIN and HID AGK format here](#)



Controller - Add

Name:

Description:

Model:

Address:

1. Click 'Reader' tab

2. Enter reader name and description

Parameters	Reader 1	Reader 2
Name	Back Door In	Back Door Out
Description	Back Door In	Back Door Out
Reader Type	Standard Wiegand	Standard Wiegand
In/Out	<input checked="" type="radio"/> In <input type="radio"/> Out	<input type="radio"/> In <input checked="" type="radio"/> Out
Bind to Door	1 - Door 1	1 - Door 1
HID AGK	N/A	N/A
Wiegand Option	<input type="radio"/> Single <input checked="" type="radio"/> Multiple	<input type="radio"/> Single
Wiegand Format	Wiegand 26-bits	Wiegand 26-bits
Wiegand Group	N/A	N/A
Wiegand Group(s) Selection	[Wiegand 26-bits, Wiegand 32-bi	[Wiegand 26-bits, Wiegand 32-bi
Activated Time Zone	1 - 24 Hours Active	1 - 24 Hours Active
Enable Access Limit	<input type="checkbox"/> No	<input type="checkbox"/> No

Load Profile Save and Close Save and New Cancel

[Read hint on Local PIN, Key Card + PIN and HID AGK format here](#)



Controller - Add

Name:

Description:

Model:

Address:

Parameters	Reader 1	Reader 2
HID AGK	N/A	N/A
Wiegand Option	<input type="radio"/> Single <input checked="" type="radio"/> Multiple	<input type="radio"/> Single <input checked="" type="radio"/> Multiple
Wiegand Format	Wiegand 26-bits	Wiegand 26-bits
Wiegand Group	N/A	N/A
Wiegand Group(s) Selection	[Wiegand 26-bits, Wiegand 32-bits]	[Wiegand 26-bits, Wiegand 32-bits]
Activated Time Zone	<input checked="" type="checkbox"/> Wiegand 26-bits	<input checked="" type="checkbox"/> Wiegand 26-bits
Enable Access Limit	<input checked="" type="checkbox"/> Wiegand 32-bits	<input checked="" type="checkbox"/> Wiegand 32-bits
Bind to Zone	<input checked="" type="checkbox"/> Wiegand 34-bits	<input checked="" type="checkbox"/> Wiegand 34-bits
Use Loop Detector	<input checked="" type="checkbox"/> Wiegand 35-bits	<input checked="" type="checkbox"/> Wiegand 35-bits
Bypass Access Limit	<input checked="" type="checkbox"/> Wiegand 37-bits	<input checked="" type="checkbox"/> Wiegand 37-bits
Use Built-in Tamper	<input type="checkbox"/> No	<input type="checkbox"/> No
Lockdown during Tampered	<input type="checkbox"/> No	<input type="checkbox"/> No

Supported Wiegand Format

[Read hint on Local PIN, Key Card + PIN and HID AGK format here](#)

Notes: Default Wiegand Format is set to 26-bits, 32-bits, 34-bits, 35-bits, and 37-bits.



Controller - Add

Name:

Description:

Model:

Address:

Parameters	Reader 1	Reader 2
Name	Back Door In	Back Door Out
Description	Back Door In	Back Door Out
Reader Type	Standard Wiegand	Standard Wiegand
In/Out	<input checked="" type="radio"/> In <input type="radio"/> Out	<input type="radio"/> In <input checked="" type="radio"/> Out
Bind to Door	1 - Door 1	1 - Door 1
HID AGK	N/A	N/A
Wiegand Option	<input type="radio"/> Single <input checked="" type="radio"/> Multiple	<input type="radio"/> Single <input checked="" type="radio"/> Multiple
Wiegand Format	Wiegand 26-bits	Wiegand 26-bits
Wiegand Group	N/A	N/A
Wiegand Group(s) Selection	[Wiegand 26-bits, Wiegand 32-bi	[Wieg
Activated Time Zone	1 - 24 Hours Active	1 - 24
Enable Access Limit	<input type="checkbox"/> No	<input type="checkbox"/> No

[Read hint on Local PIN, Key Card + PIN and HID AGK format here](#)

Click 'Save and Close' button

Notes: On **controller** side, you will hear reboot sequences of 1 long beep and 3 short beeps to indicate the setting successfully saved

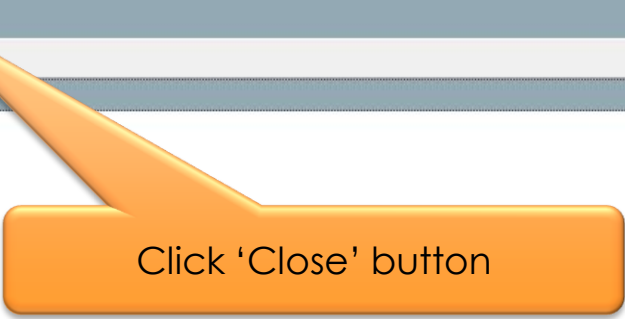


View Controller

Add (F2) Edit (F4) Delete (F6) Refresh (F5) Print (F7) Close

Name	Description	Address	Model	Location
Back Door	Back Door	255.255.255.1	S3200	Comm P...

Total: 1
Command



ENTRYPASS PLATFORM1 SERVER [Standard Edition]

Online Transaction Device List

Click 'Device List' tab

NOTIFICATION ALARM

Docked

Controller Name	Controller Description	Status	Door/Point Name	Door/Point Description	State	Lock/Arm/Keyswitch	Control Mode	Reader 1		Reader 2		Status
								Status	Mode	Status	Mode	
Back Door	Back Door	Up	Back Door	Back Door	Door Closed	Disarm		No Tamper	No Tamper	No Tamper	No Tamper	

Host Name: Tan-PC IP Address: 192.168.1.254 System User: EntryPass Date/Time: Wed, 13 Apr 2016 10:26:29

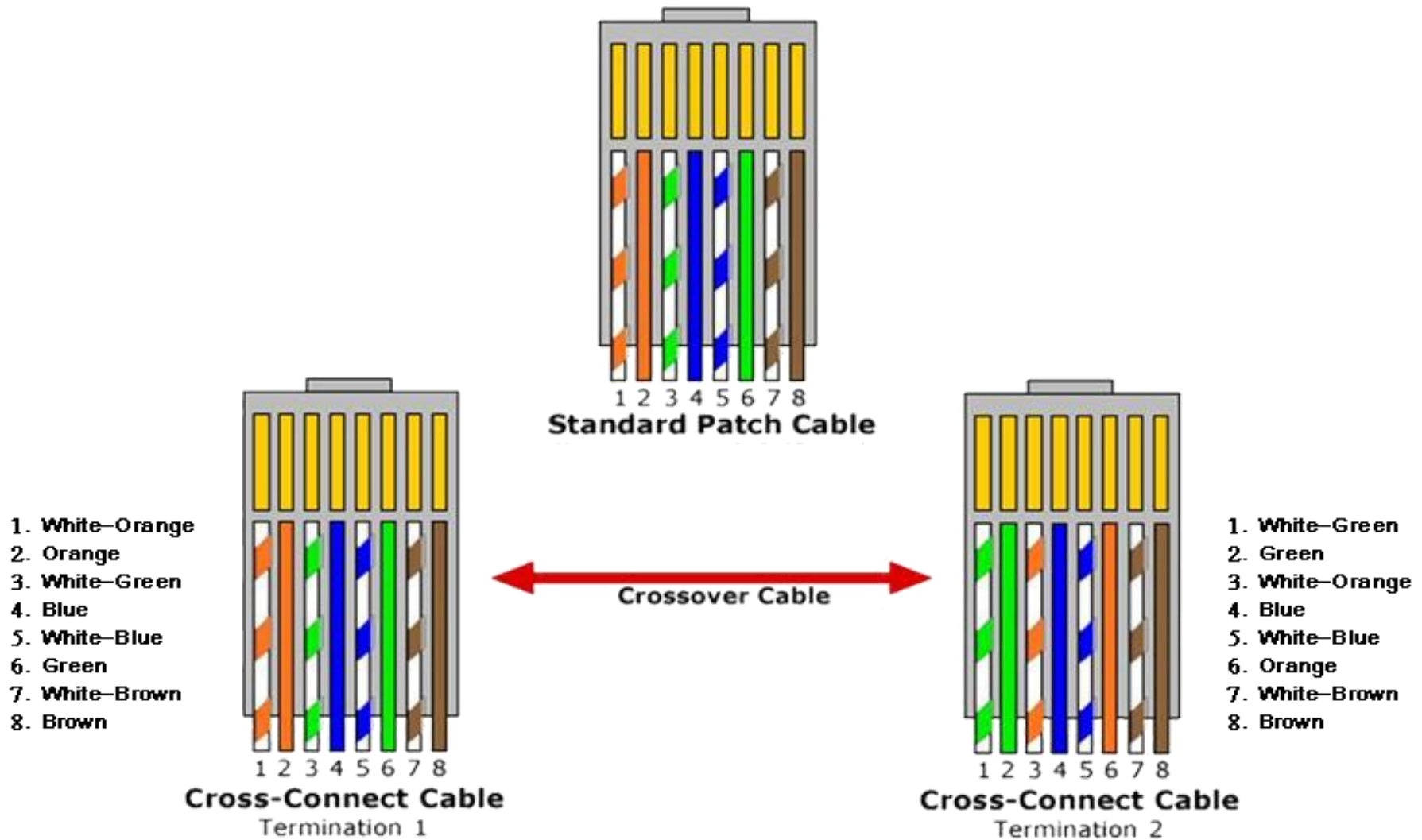
Notes: Please go to 'Device List' to check the controller status. Kindly refer [Appendix C](#) if the controller status is down.



APPENDIX



Appendix A: Network Cable Connection



Appendix B: Dip Switch Addressing Table




Unit Address	Software address field
1	255.255.255.1
2	255.255.255.2
3	255.255.255.3
4	255.255.255.4
5	255.255.255.5
6	255.255.255.6
7	255.255.255.7
8	255.255.255.8

Unit Address	Software address field
9	255.255.255.9
10	255.255.255.10
11	255.255.255.11
12	255.255.255.12
13	255.255.255.13
14	255.255.255.14
15	255.255.255.15
16	255.255.255.16

Notes: Applicable for HCB serial board only

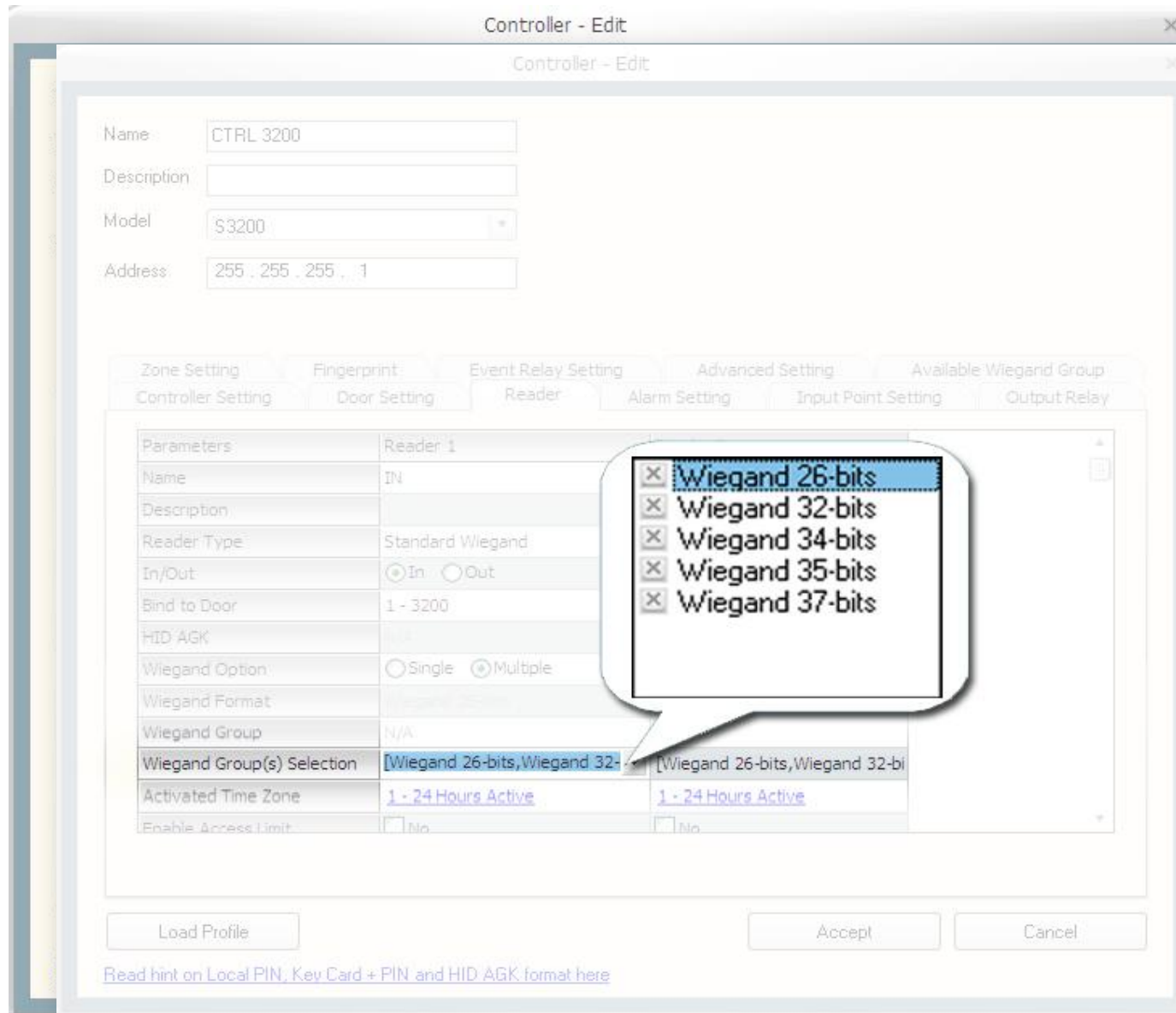


Appendix C: Troubleshooting

1. No available **controller** display on 'New controller Found' Windows.
 - Kindly check the connectivity between **Server** and **controller**. (Use Windows **PING** command to check;
 - Check the network cable whether have misplace cable in RJ45 connector;
 - Ensure the firewall is turn off. 
2. Network **controller** status down after sending all the network parameter:
 - Go to 'Preferences → Active Engine' to check your Active Engine and P1 Server IP. (Please refer to page 54);
 - Double check the network parameter on web-base Device Server Manager. 
3. Serial **controller** status down after sending all the parameter:
 - Kindly check the communication port for **Server**;
 - Ensure the dip-switch configuration on the **controller** is matching with **controller** unit address on software site;
 - The connectivity cable from **controller** to RS485 convertor ;
 - The healthy for the RS485 convertor. 

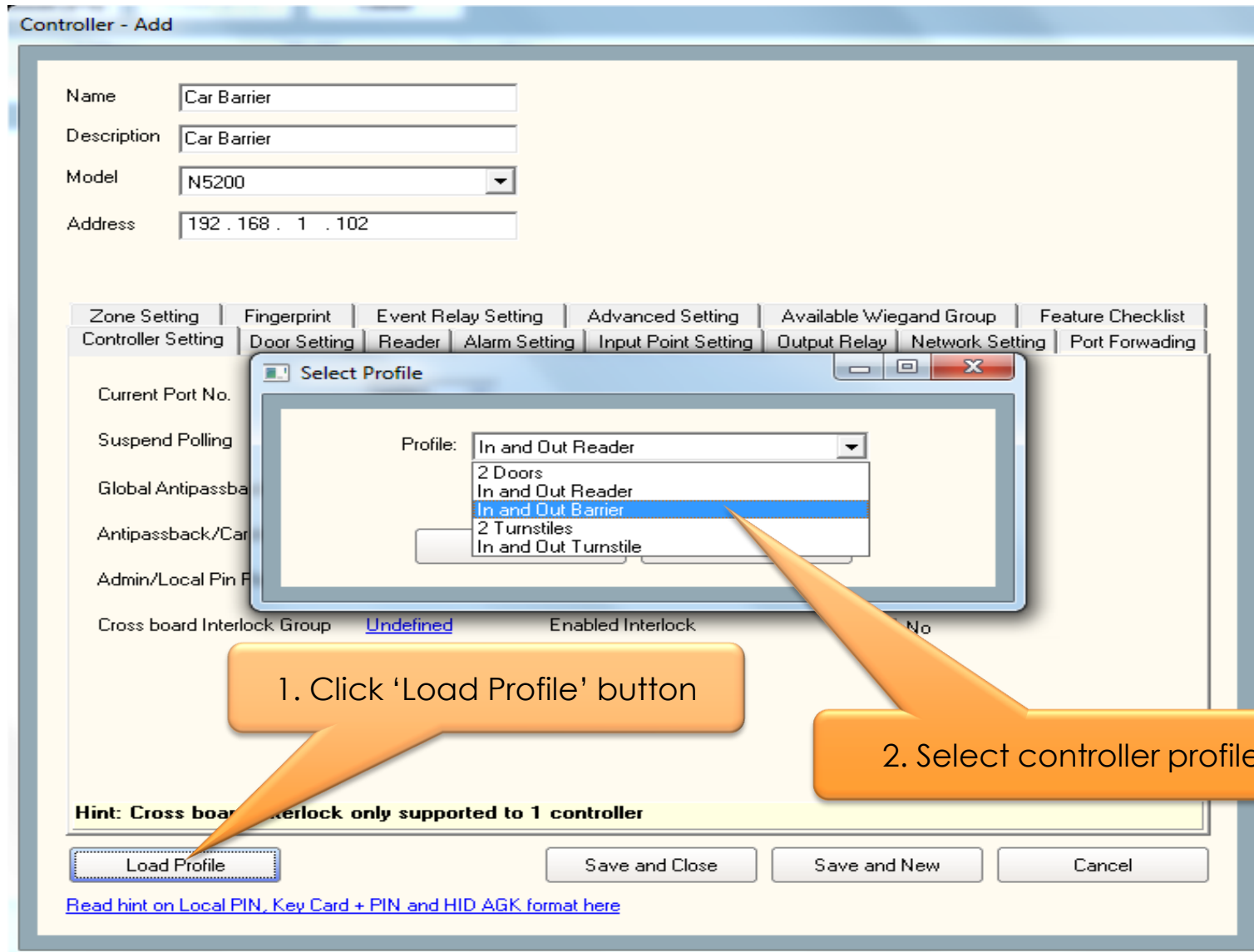


Appendix D: Wiegand Group Selection



Appendix E: Car Park Barrier Setting

Step 1. Load Profile: In and Out Barrier



Appendix E: Car Park Barrier Setting

Step 2. Lock release time: 2 seconds

Controller - Add

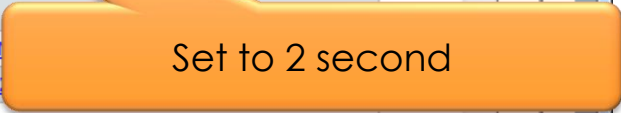
Name: Car Barrier
Description: Car Barrier
Model: N5200
Address: 192 . 168 . 1 . 102

Output Relay	Network Setting	Port Forwarding	Zone Setting	Fingerprint
Event Relay Setting	Advanced Setting	Available Wiegand Group	Feature Checklist	
Controller Setting	Car Park Setting	Reader	Alarm Setting	Input Point Setting

Parameters	Barrier 1	Barrier 2
Name	Entry Barrier	Exit Barrier
Description	Entry Barrier	Exit Barrier
Lock release time (sec)	2	2
Open time (sec)	30	30
Entry Zone ID	1	1
Exit Zone ID	2	2
Card + PIN Time Zone	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	0
Lock Release Time Zone	0 - Not Active	0 - Not Active
Exit Button Enabled Time Zone	1 - 24 Hours Active	1 - 24 Hours Active
Antipassback Time Zone	0 - Not Active	0 - Not Active
Antipassback Lockout	<input type="checkbox"/> No	<input type="checkbox"/> No

Load Profile Save and Close Save and New Cancel

[Read hint on Local PIN, Key Card + PIN and HID AGK format here](#)



Appendix F: Suprema Setting

Step 1. Preference → Suprema → Reader Type

Preferences - Edit

System | Controller | Alarm | User Defined Field | Email Notification | SMS Notification | Report
Miscellaneous | N-MINI | Active Engine | Transaction Server | **Suprema** | Additional Modules

Administrator

Administrator User ID 1 (Pre-served for all Fingerprint Reader usage)

Administrator Fingerprint(s)

Parameters	Enrolled
Template 01	<input type="checkbox"/> No
Template 02	<input type="checkbox"/> No

Enroll Delete

Reader Type

Template On Card (Mifare Only) Proximity (10D, Wiegand 26-bits) CSN (10D, Wiegand 32-bits, Mifare Only)

Notes: To change 'Reader Type', card database must be empty

Accept Cancel



Appendix F: Suprema Setting

Step 2. Controller → Fingerprint → Device ID

Controller - Edit

Name: MAIN DOOR
Description: MAIN DOOR
Model: N5200
Address: 192 . 168 . 1 . 100

Controller Setting | Door Setting | Reader | Alarm Setting | Input Point Setting | Output Relay | Network Setting
Port Forwarding | Zone Setting | Fingerprint | Event Relay Setting | Advanced Setting | Available Wiegand Group

Parameters	Device 1	Device 2
Use Fingerprint	<input type="checkbox"/> No	<input type="checkbox"/> No
FP Device ID	0	0

Notes: You can find 'FP Device ID' at the back of Suprema device. It is 9 digits number

Load Profile | Accept | Cancel

[Read hint on Local PIN, Key Card + PIN and HID AGK format here](#)



Appendix F: Suprema Setting

Step 3. Controller → Reader → Reader Type: Suprema

Controller - Edit

Name: MAIN DOOR
Description: MAIN DOOR
Model: N5200
Address: 192.168.1.100

Port Forwarding | Zone Setting | Fingerprint | Event Relay Setting | Advanced Setting | Available Wiegand Group
Controller Setting | Door Setting | Reader | Alarm Setting | Input Point Setting | Output Relay | Network Setting

Parameters	Reader 1	Reader 2
Name	R1	R2
Description		
Reader Type	Standard Wiegand	Standard Wiegand
In/Out	Standard Wiegand HID Integrated Keypad Rosslare Integrated Keypad	<input type="radio"/> In <input checked="" type="radio"/> Out
Bind to Door		1 - MAIN DOOR
HID AGK	Suprema HID Proximity	N/A
Wiegand Option	<input type="radio"/> Single <input checked="" type="radio"/> Multiple	<input type="radio"/> Single <input checked="" type="radio"/> Multiple
Wiegand Format	Wiegand 26-bits	Wiegand 26-bits
Wiegand Group	N/A	N/A
Wiegand Group(s) Selection	[Wiegand 26-bits,Wiegand 32-bits]	[Wiegand 26-bits,Wiegand 32-bi
Activated Time Zone	1 - 24 Hours Active	1 - 24 Hours Active
Enable Access Limit	<input type="checkbox"/> No	<input type="checkbox"/> No

Load Profile Accept Cancel

[Read hint on Local PIN, Key Card + PIN and HID AGK format here](#)



Appendix G: Enroll Fingerprint

Staff - Add

Personal Data | Card Data | User Defined Field | TA User Login | Fingerprint

Operation Mode:

Enrollment Quality Acceptance:

Parameters	Enrolled
Template 01	<input type="checkbox"/> No
Template 02	<input type="checkbox"/> No

Enroll Delete

2. Click 'Enroll' button

Notes: Please enter card number under 'Card Data' even you're using 'Fingerprint' only

Last Modified Date: -

Export staff's record

Save and Close Save and New Cancel



Appendix H: L3800 Controller Wiegand Format Setting

The screenshot shows the 'Controller - Add' configuration window. The 'Name' and 'Description' fields are set to 'LIFT CAR'. The 'Model' is set to 'L3800' and the 'Address' is '255 . 255 . 255 . 1'. The 'Controller Setting' tab is active, showing a table for three readers. The 'Wiegand Format' dropdown for Reader 1 is highlighted with a red box, showing options: Wiegand 26-bits, Wiegand 32-bits, Wiegand 34-bits, Wiegand 35-bits, Wiegand 37-bits, and Custom. The 'Wiegand 26-bits' option is selected.

Parameters	Reader 1	Reader 2	Reader 3
Enable	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> No
Name			
Description			
Reader Type	Standard Wiegand	Standard Wiegand	Standard Wiegand
Wiegand Option	<input checked="" type="radio"/> Single <input type="radio"/> Multiple	<input checked="" type="radio"/> Single <input type="radio"/> Multiple	<input checked="" type="radio"/> Single <input type="radio"/> Multiple
Wiegand Format	Wiegand 26-bits	Wiegand 26-bits	Wiegand 26-bits
Wiegand Group	Wiegand 26-bits	N/A	N/A
Wiegand Group(s) Selection	Wiegand 32-bits Wiegand 34-bits Wiegand 35-bits Wiegand 37-bits Custom		
Activated Time Zone		1 - 24 Hours Active	1 - 24 Hours Active

Buttons: Save and Close, Save and New, Cancel

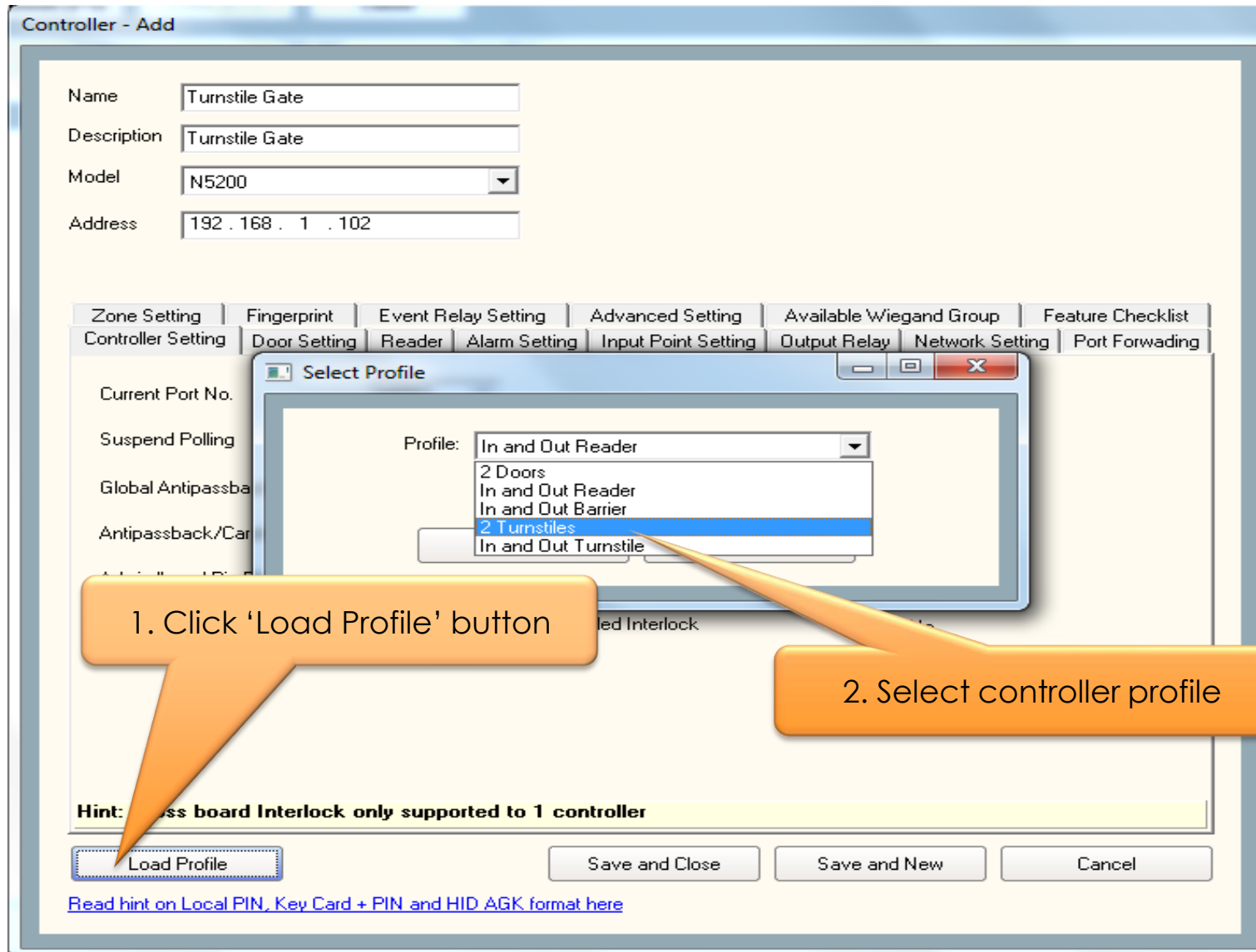
[Read hint on Local PIN, Key Card + PIN and HID AGK format here](#)

Notes: Please choose Wiegand 26 bits for Proximity format & Wiegand 32 bits for Mifare format



Appendix I: Turnstile Setting

Step 1. Load Profile: 2 Turnstiles



Appendix I: Turnstile Setting

Step 2. Lock release time: 2 seconds

Controller - Add

Name: Turnstile Gate
Description: Turnstile Gate
Model: N5200
Address: 192 . 168 . 1 . 102

Output Relay | Network Setting | Port Forwarding | Zone Setting | Fingerprint
Event Relay Setting | Advanced Setting | Available Wiegand Group | Feature Checklist
Controller Setting | Turnstile Setting | Reader | Alarm Setting | Input Point Setting

Parameters	Turnstile 1	Turnstile 2
Name	Entry Turnstile	Exit Turnstile
Description	Entry Turnstile	Exit Turnstile
Lock release time (sec)	2	2
Open time (sec)	30	30
Entry Zone ID	1	1
Exit Zone ID	2	
Card + PIN Time Zone	0 - Not Active	0 - Not Active
Card + PIN Lockout Count	0	
Lock Release Time Zone	0 - Not Active	
Exit Button Enabled Time Zone	1 - 24 Hours Active	
Antipassback Time Zone	0 - Not Active	0 - Not Active
Antipassback Lockout	<input type="checkbox"/> No	<input type="checkbox"/> No

Load Profile | Save and Close | Save and New | Cancel

[Read hint on Local PIN, Key Card + PIN and HID AGK format here](#)



THANK YOU

