ENTRYPASS PLATFORM1 SERVER CONFIGURATION GUIDE

Version: 1.14

Last Updated: 19-10-2017



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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 Fax + 60 (3) - 8068 1922 Internet www.entrypass.net Email support@entrypass.net



Hardware Introduction



Active Network Control Panel (N5150)

Active Network Control Panel (N5200, N5400)



RS232/RS485 Serial Control Panel (S3150)

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RS232/RS485 Serial Control Panel (S3200, S3400)



Hardware Introduction



Active Network Control Panel (N6200, N6400)



Networked Integrated Reader Controller (N-MINI 2 – N618, N668)



Hardware Introduction



Serial Lift Access Control Panel (L3800) Hybrid Input & Output Control Panel (HIO)





Passive Output Board (POB)

Wiegand Converter (WIE.485)



Default EntryPass Network Parameters

Controller/control panel available: N5150, N5200, N5400, NMINI, N-										
MINI 2 and HIO										
Default EntryPass network parameters:										
	Network Parameter	Network Value								
	192.168.1.100									
	Subnet Mask	255.255.255.0								
	Gateway	0.0.0.0								
	Server IP 192.168.1.254									
	Port No.*	2020								

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



Before Hardware Installation

Before changing the **Hardware** network parameter, please ensure the following steps are fulfilled:

- 1. Request necessary IP addresses from network administrator.
- Ensure the controller is firmly connected to the network switch [<u>Crossed cable</u> can be used to connect to single Hardware to PC/Laptop (herein refer as Server)].
- 3. Ensure the **Server** network parameter is set to the same subnet range as the **Hardware** IP (ex: 192.168.1.50).
- In Server command prompt, issue a PING command to ensure the connectivity between Server and Hardware.
 (If no reply from target hardware, please refer to <u>Appendix C</u>)



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 hardware information of the controller as well as do some basic configuration such as Network Setting. Every EntryPass network hardware 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.









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



EntryPass Device Server	Manager × +							٥	x
(192.168.1.100/8	menu.htm	C Search	☆	Ê		ŧ	⋒	9	≡
ENTRYP									
		Click 'Network' option			V	Veb@bu	iilt: EP.	S1.01.1	8.15.0
Welcome Admin Network	Welcome	curity Management System offers impressive features that rivals most international systems while mpetitiveness in terms of value for money. It is driven by our obsession to make it absolutely user impromising on the performance and reliability.							
Seriai Firmware Upload	friendly yet not compromising on the performance and reliability. mware load 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.								
Apply Settings	Hardware In	ormation							
Apply Default Settings Reset Device	Serial Number Firmware Version	1112RDKB001A-0116 NMini2.EP.S1.01.18.15.03 -Mifare[64Mb]							
Sign Out	MAC Address	88-97-df-10-00-73							
		Copyright © 2016 EntryPass Corp. (M) SDN. BHD. All rights reserved.							
		Copyright © 2016 EntryPass Corp. (M) SDN. BHD. All rights reserved.							



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 V4.13 or below

(b) Firmware version V4.14 or above



Firmware version 4.12 or below





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



EntryPass Device Server	EntryPass Device Server Manager × +										
(i) 192.168.1.100					C	Q Search	☆自		+	^	⊃ ≡
ENTRYP/											
Welcome Admin	Changes saved. Please cl Network Setting	ick "Apply Settings" for changes to	o take eff	ect.							
Serial Firmware Upload	Network Setting	Click 'Apply Sett apply setting t	ings' to co	button to ntroller							
Apply Settings Apply Default Settings Reset Device Sign Out	Subnet Mask Gateway IP Address Server IP Address Port Number / Listen Port Ethernet Speed Save changes	192.168.1.100 255.255.255.0 0.0.0.0 192.168.1.254 2020 ● 100Mbps ○ 10Mbps									
		Copyright © 2016	EntryPass	Corp. (M) SDN. BHD. A	l rights res	erved.					



EntryPass Device Server Manager × +							0	x
(€ () 192.168.1.100			C Q Search	☆ 自	÷	⋒	0	≡
ENTRYPASS					VebŞbir	HL ERS	51.04:1	10.14.11
Welcome Changes saved. Please of Admin Network Setting	lick "Apply Settings" for cha	nges to take effect.						
Serial Network Setting	Dynamic DNS	Please confirm action: <apply settings=""></apply>						
Upload Setting	Value							
IP Address	192.168.1.100	OK Cancel						
Apply Settings Subnet Mask	255.255.255.0							
Settings Gateway IP Address	0.0.0.0							
Reset Device Server IP Address	192.168.1.254							
Port Number / Listen Port	2020		Click 'OK' button					
Ethernet Speed	@ 100Mbps 🔘 10Mbps							
Save changes								







EntryPass Device Server	Manager × +						x
(192.168.1.100		C Q Search	☆自		÷	n 0	≡
ENTRYP							
				s	Veb@biil	t: EP.SJ.04	10 14 11
	New parameter setting is successfully saved.						
	Please click here to login again.						
	Copyright © 2016 EntryPass Co	rp. (M) SDN. BHD. All rights reserved.					

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



Firmware version 4.13 or above



EntryPass Device Server N	Manager × +							X
(i) 192.168.1.100/8r	menu.htm		C Search	☆自		∔ ⋔	Q	≡
ENTRYPA	\SS				W	eb@built: E	P.51.04.	14.15.04
Welcome Admin	Network Setting							
Network	Network Setting	Server Setting						
Serial Firmware	Setting	Value						
Upload	IP Address	192.168.1.100	Enter IP address, Subnet	Mask,				
	Subnet Mask	255.255.255.0	and Gateway IP respec	tively				
Apply Settings	Gateway IP Address	0.0.0.0						
Apply Default Settings	Port Number / Listen Port	2020						
Reset Device	Ethernet Speed	● 100Mbps ○ 10Mbps						
Sign Out								
	Save changes							
		Copyright © 2016 EntryPass Co	rp. (M) SDN. BHD. All rights reserved.					







EntryPass Device Server Ma	nager × +							
€ i 192.168.1.100/8me	nu.htm		C	Q. Search	☆ 自	♥ 1	,	Q
ENTRYPAS	5 S					Web	⊉built: E	P.S1.04
/elcome	Changes saved Plance click "Appl	. Cattings" for shonger to take offer						
Admin Network	Network Set Click 'Ap	ply Settings' button 1	to					
Serial	Network	setting to controller						
Firmware Upload	Dur	Value						
	IP Address	192.168.1.100	-					
Apply Settings	Subnet Mask	255.255.255.0	-					
Apply Default Settings	Gateway IP Address	0.0.0.0	-					
eset Device	Port Number / Listen Port	2020	-					
Sign Out	Ethernet Speed							
	Save changes							
		Copyright © 2016 EntryPass Co	rp. (M) SDN. BHD. All rights re	erved.				



EntryPass Device Server N	Manager × +								x
(192.168.1.100/8r	nenu.htm			C Search	☆	9	↓ 俞	Ø	≡
ENTRY	55					We	b⊜burlt	F 51 04	14.15.04
Welcome Admin Network	Changes saved. Please click "A Network Setting	pply Settings" for changes	s to take effect.						
Serial Firmware	Network Setting	Serve	lease confirm action: <apply settings:<="" td=""><td>×</td><td></td><td></td><td></td><td></td><td></td></apply>	×					
Upload	Setting	Vi							
	IP Address	192.168.1.100	OK Cancel						
Apply Settings	Subnet Mask	255.255.255.0							
Settings	Gateway IP Address	0.0.0.0							
Reset Device	Port Number / Listen Port	2020							
Sign Out	Ethernet Speed	@ 100Mbps () 10Mbp	ps	Click 'OK' butto	on				
	Save changes								







EntryPass Device Server Mana	ger × +						
(192.168.1.100/8menu	htm	C Search	☆ 自		+	^ (⊃ ≡
ENTRYPAS							
				1	Veb@bui	lti EP:SI	04 14 15 04
	New parameter setting is successfully saved.						
	Please click here to login again.						
	Copyright © 2016 EntryPass Cor	rp. (M) SDN. BHD. All rights reserved.					

Notes: After controller reboot, please proceed to 'Active Networked Hardware Setup Steps'



P1 Server Software Installation Guide





Notes: Insert the P1 Server Software CD. The above screen will appear.



Firebird Setup



Notes: Click 'Install Firebird Database Engine' button to install Firebird program.



_ ×		ENTRYPASS PL Standard Ed	_ATFORM1 SERVER dition Professional Edition
(If you are installing on Windows Vista,	please uncheck "Control Panel App	let" option during the installation process
	View Release Notes	(V3.10	Click 'OK' button
Copyright 2002 - 20 Entry Pass Platform and/or other count	08 Entry Pass Corporation Sdn Bhd and its licensors 1 ACS are either registered trademarks or tradema ies. All other trademarks are property of their resp	s. All Rights Reserved. EntryPass, the Entry rks of EntryPass Corporation Sdn Bhd incor ective owners.	yPass logo, and rporated in Malaysia

Notes: If you are installing on Window Vista/Win 7, please uncheck 'Control Panel Applet' option during the installation process


















🔂 Setup - Firebird	
Select Destination Location Where should Firebird be installed?	
Setup will install Firebird into the following folder.	
To continue, click Next. If you would like to select a different folder, click Browse.	
C:\Program Files\Firebird\Firebird_2_1 Browse Browse	
Click 'Next	' button
At least 1.4 MB of free disk space is required. English < <u>Back</u> <u>Next</u> > Cancel	



🕼 Setup - Firebird	
Select Components Which components should be installed?	2
Select the components you want to install; clear the components you or install. Click Next when you are ready to continue.	do not want to
	C O MD
Classic Server binary	2.6 MB
Super Server binary	2.7 MB
Developer and admin tools components	8.2 MB
Client components	0.7 MB
	Click 'Next' button
Current selection requires at least 20.8 MB of disk space.	
< <u>B</u> ack <u>N</u> ext	Cancel



🔂 Setup - Firebird	
Select Start Menu Folder Where should Setup place the program's shortcuts?	2
Setup will create the program's shortcuts in the following Start Menu	i folder.
To continue, click Next. If you would like to select a different folder, click Bro	wse.
Firebird 2.1 (Win32)	Iowse
	Click 'Next' button
Don't create a Start Menu folder English	Cancel



🗗 Setup - Firebird	
Select Additional Tasks Which additional tasks should be performed?	2
Select the additional tasks you would like Setup I click Next.	to perform while installing Firebird, then
Run Firebird server as: Run as an <u>Application?</u> Run as a <u>S</u> ervice?	1. Uncheck this option, if you're installing on Windows Vista or Windows 7
Start Firebing saromatically everytime you boom to an	ot up?
 Copy Eirebird client library to <system> direct</system> Generate client library as GDS32.DLL for leg English 	ory? 2. Click 'Next' button
	< <u>B</u> ack <u>N</u> ext> Cancel



















Platform1 Server Setup



Notes: Click 'Install EntryPass Platform1 Server' button to install Platform1 Server.





Notes: This message is to remind you that the default installation path of Platform1 Server.







4 P1_Server v3.11.11.01 Install Program	
Directory Choose an installation folder and click Next to continue.	
P1_Server v3.11.11.01's files will be installed in the following directory:	
C:\EntryPass\P1_Server	
Disk space needed :	82 Mb
Available disk space :	12092 Mb
	Click 'Next' button
Click 'Next' to continue.	











🕹 P1_Server v3.11.11.01 Install Program 📃 🗖 🔀
Installing Installation in progress, please wait.
File : C:\\EP.xParser v1.00.pdf 26% Installation progress
< <u>B</u> ack <u>N</u> ext > <u>Cancel</u>











Active Network Based Hardware Setup Steps









Notes: This pop up Windows will only appear if P1 Server cannot detect the host machine IP address. Please key-in 'Server IP Address' respectively.



ENTRAPASS PLATFORM1 SE	RVER [Standard Edition]	
Online Transaction Device List 1/0 List	Guard Tour Floor Plan Roll Call Location Advanced TA Dynamic Triggering Control Panel	
System 😵		
Company 🛞		
Lift 🛞	Batch Carp Internation Const Charles Destant Destant	Report Password
Time Attendance 🛞	New Controller Found	
Guard Tour 🛞	List of new controllers found	
Utilities 🛞	Controller Address Subnet Mask Gateway MAC Address Port No Model 192.168.1.100 255.255.0 0.0.0 88-97-DF-01-23-F0 2020 N5200 [64Mb]	
🗔 Batch Card	Diagnosti	
🔩 Import Staff		
🍇 Export Staff		
Section Export Transaction		
🙀 Send/Retrieve		
🛃 Backup		
😂 Restore		
eport Report		
실 Password	۲	
Diagnostic	New controller found: 1	
💐 Client Status	<u>R</u> efresh <u>Configure</u> Configure <u>Later</u>	
ссту		
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.



New Controller Foun	d			_	
List of new controlle	ers found				_
Controller Address	Subnet Mask	Gateway	MAC Address	Port No	Model
192.168.1.100	255.255.255.0	192.168.1.1	88-97-DF-01-23-F0	2020	N5200 [64Mb]
		Click '	Configure Later'	button	•
New controller fou	ınd: 1				
		<u>R</u> el	fresh <u>C</u> onfi	igure	Configure Later









0

	Login		×
ENTRYPAS	S PLATFORM	M1 SERVER	
<u>L</u> ogin name:	EntryPass		
<u>P</u> ass w ord:	*****		
	Login	Cancel	
			Version 3.11b.11.02
Default: Login name	: Entry	'Pass	

: EntryPass

Password



Preferences - View	-	
System Miscellaneous	Controller	Alarm User Defined Field Email Notification SMS Notification Report Active Engine Transaction Server Suprema Additional Modules PA Messaging
Active Engine	1	
Setting IP Address		1. Click 'Active Engine' tab
Command I Transaction	Receiver Port n Transmitter Por	44000
P1 Server IP Address		192.168.1.254
Port 1	44002 🚖	Port 6 44007
Port 2	44003 😫	Port 7 44008 🚖
Port 3	44004 🚖	Port 8 44009
Port 4	44005 🚖	Port 9 44010 🔿
Port 5	44006	2. Click 'Edit' button
		Edit Close



Miscellaneous	Controller Alarm User Define	d Field Email Notifica action Server Suprema	ation SMS Notification Report Additional Modules PA Messaging
Active Engine	91		1. Ensure 'Active Engine' IF address is correct
IP Address	: 192 . 168 . 1 . 254	4	
Transactio	n Transmitter Port 44001		2. Ensure 'P1 Server' IP addre is correct
P1 Server - IP Address	192.168.1.254	4	
N-MINI			
Port 1	44002 🚖	Port 6	44007 🚖
Port 2	44003	Port 7	44008
Port 3	44004	Port 8	44009
Port 4	44005	Port 9	44010
	44006 3. Click 'Acc	ept' button	4011 🔿
Port 5			



references - View	
System Miscellaneous	Controller Alarm User Defined Field Email Notification SMS Notification Report N-MINI Active Engine Transaction Server Suprema Additional Modules PA Messaging
Active Engine	1
_ Setting	
IP Address	192.168.1.254
Command	Receiver Port
Transactio	n Transmitter Port 44001 🔿
P1 Server	
IP Address	192.168.1.254
Port 1	44002 🚖 Port 6 44007 🚖
Port 2	44003 🕞 Port 7 44008 🔿
Port 3	44004 🔄 Port 8 44009 🐳
Port 4	44005 🔄 Port 9 44010
Port 5	44006 🔂 Click 'Close' button
	Edit Close





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.



Notes: If there are more than one **Hardware** in the network, those **Hardware** will showing on the windows. Please choose one **Hardware** at a time to configure. Kindly refer <u>Appendix C</u> if no available **Hardware** display on 'New Controller Found' Windows.



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

	Welcome to the Add Controller Wizard		
	Please select what do you wish to perform with the new controller found.		
	Add a new controller (Select this option if this is a new installation where you need to add this controller as a brand new controller)		
	Assign to existing controller		
	(Select this option if this controller is a replacement for a damage or malfunction unit. Existing controller setting found in software will be sent to this controller)		
1 A.A.			
I BA AND REAL			
	To continue, click Next.		
	Back Next Cancel		

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



Adding New Hardware



Add New Controller Wizard for	[192.168.1.100 : 88-97-DF-01-23-F0]
	Welcome to the Add Controller Wizard
	Please select what do you wish to 1. Choose 'Add a new controller' option
	 Add a new controller (Select this option if this is a new installation where you need to add this controller as a brand new controller)
	Assign to existing controller (Select this option if this controller is a replacement for a damage or malfunction unit. Existing controller setting found in software will be sent to this controller)
	2. Click 'Next' button To continue, click Next.
	<u>Back</u> <u>N</u> ext <u>Cancel</u>



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.				
	Controller Name * Description			
	Door Name * Description			
	Profile Select controller profile Description In and Out Reader			
	2 Doors Reader Setting In and Out Reader In and Out Barrier Description			
	Reader 2 Name * 2 Turnstiles Description			
	Advanced Setting			
Field with * is compulsory and must be filled in. To continue, click Next.				
	<u>Back</u> <u>Next</u> <u>Cancel</u>			



Add New Controller Wizard for [192.168.1.100 : 88-97-DF-01-23-F0] 1. Enter controller name name and description	e, door on			
Please fill up some basic information about this controller. These information about the information) er.			
Description In and Out Reader 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 2. Enter reader name description	and			
3. Click 'Next' button Field with * is compulsory and must be filled in. To continue, click Next.				
<u>Back</u> <u>Next</u> <u>Cancel</u>				



Add New Controller Wizard for [192.168.1.100 : 88- These are the curr	97-DF-01-23-F0] ent setting retrieved from the controller.	
	Setting	
Controller Addre	xss 192.168.1.100	
Port No.	2020	1. Ensure 'Current
Subnet Mask	255.255.255.0	Controller Setting for the
Gateway	192.168.1.1	following fields: • Controller Address
Please fill up the ne	ew setting that you wish to send to the controller.	Subnet Mask
Active Engine		Gateway
Active Engine I		Same as 'New Controller
New Controller So	etting	Setting'
Controller Addre	ss * 192.168.1.100	
Port No.*	44002 💌	
Subnet Mask *	255 . 255 . 255 . 0	
Gateway	192.168.1.1	
Field with	2. Click 'Next' button	
	<u>B</u> ack	<u>N</u> ext <u>C</u> ancel

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'.


Add New Controller Wizard for	[192.168.1.100 : 88-97-DF- Please fill up the new settin	01-23-F0] g that you wish to send to the controller.	
	Cardholder capacity	30000 🗢	<u>G</u> et Min and Max Set default
	NOTE: When Cardholder from controller.	or Transaction capacity is changed for the first time, system will r	need to get the memory structure
		Click 'Next' button	
	To continue, click Next.		
		Back	<u>N</u> ext <u>C</u> ancel

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



Add New Controller Wizard for	[192.168.1.100 : 88-97-DF-01-23-F0]
	Please tick the Access Level/Access Group that you wish to have this controller and select its respective In Time Zone.
	Access Group In Time Zone
	Click 'Finish' button Show Access Level/Group Detail
	<u>B</u> ack <u>Finish</u> <u>C</u> ancel





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 \rightarrow Active Engine' to check your Active Engine and P1 Server IP address. (Please refer to page 54).



EN	TRYPASS	PLATFORM1 SER	VER [Standard	Edition]									📰 🥯 🚝
Online		wice List /0 List Com		Click	'Device List	t' tab	lel				NOTIFICATION		
					_							Docke	ed 🛄
	Controller Name	Controller Description	Status	Door/Point Name	Door/Point Description	State	Lock/Arm/Keyswitch	Control Mode	R	eader 1	R	eader 2	
									Status	Mode	Status	Mode	Status
	Main Door	Main Door	√ Up				Disarm						
				Main Door	Main Door	Door Closed	🖴 Lock		🔘 No Tamper	🔘 No Tamper	🔘 No Tamper	🔘 No Tamper	
•													+
Host N	Name: Tan-PC		IP Address: 192.1	68.1.254	System User: Entr	rvPass	Date/Time	: Tue, 12 Apr 20	16 14:53:55				

Notes: Please go to 'Device List' to check the **Hardware** status. Kindly refer <u>Appendix C</u> if the **Hardware** status is down.



Replacing Existing Hardware With New Hardware



Add New Controller Wizard for	[192.168.1.100 : 88-97-DF-01-23-F0]
	Welcome to the Add Co 1. Choose 'Assign to existing controller' option for
	Please select what do you wish to perfor
	 Add a new controller (Select this option if this a new installation where you need to add this controller as a brand new controller) Assign to existing controller (Select this option if this controller is a replacement for a damage or malfunction unit. Existing controller setting found in software will be sent to this controller)
	2. Click 'Next' button To continue, click Next Back Next Cancel

Notes: Please ensure that you replace the same **Hardware** model. Example: N5200 controller can only be replaced by another N5200 controller.



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

	Please select the cor that are detected as I WARNING: Please e controller will all be w	ntroller that you wish to Down will be listed in t nsure that you are as: rongly tied to the assig	o assign. To prevent you the selection box. signing to the correct co gned controller.	u from assig	1. Select controlle want to replace fr	er that you fom the list
	Controller	Main Door Main Door	Main Door	·	<u>B</u> efresh controller lis	t
	Some details of the si Controller Description Controller Address: 1 Port No: 44002 Door 1 Name: Main I Door 1 Description: h	elected controller 1: Main Door 92.168.1.100 Door Main Door 2. C the controller and end	Click 'Finish' bu	utton		* *
Status:				<u>B</u> ack	<u> </u>	Cancel

Notes: Only Hardware that declared as 'Down' status on P1 Server will show on the list.









Notes: Please ensure that you getting the above message ('Waiting [Controller Name] to reboot') during sending process begin.

If you getting the 'Sending <Network Parameter>' message, please cancel the process, and then go to 'Preferences \rightarrow Active Engine' to check your Active Engine and P1 Server IP address. (Please refer to page 54).



WRAPA	🥦 PLAT	FORM1 SI	ERVER [Standard E	dition]				
0								
ne Trans <u>action</u>			Click 'On	line Tra	insaction' t	ab gerin	ng Control Panel	
. m	A-1							Daskad
								DULKCU
Date	Time	Controller	Door	Staff No.	Name	Card No.	Transaction	
2016/04/13	10:25:53	Back Door					(Ba) Controller reset	
2016/04/13	10:25:49	Back Door					(Ht) Board Reset (Setting Changed)	
2016/04/13	10:24:12	Back Door					(Ba) Controller reset	
2016/04/13	10:24:08	Back Door					(Ht) Board Reset (Setting Changed)	
2016/04/13	10:23:48	Back Door					(SL) Controller Up	
2016/04/13	10:11:55	Back Door					(Ba) Controller reset	
2016/04/13	10:11:51	Back Door					(Ht) Board Reset (Setting Changed)	
2016/04/13	10:10:34				EntryPass		(SG) Server Log In	
2016/04/13	09:58:11	Main Door					(Ba) Controller reset	
2016/04/13	10:10:07	Main Door					(SL) Controller Up	
2016/04/13	09:58:11	Main Door					(Ba) Controller reset	
2016/04/13	10:10:06						(SI) Platform1 Server Start Up	
				A ·····				



ER	ITRYPASS	PLATFORM1 SERVE	ER [Standard	Edition]									📖 🥯 📒
Onlin	• Transaction			Click	'Device List	′ tab	lel				NOTIFICATION	ALARM	
	Ľ			_		-						Docked	
	Controller Name	Controller Description	Status	Door/Point Name	Door/Point Description	State	Lock/Arm/Keyswitch	Control Mode	Re	eader 1	R	eader 2	
	-							-	Status	Mode	Status	Mode	Status
F	Main Door	Main Door	Up	Nois Davis			Disarm	·					
				Main Door	Main Door	Door Closed	Lock		O No Tamper	O No Tamper	O No Tamper	No Tamper	
													۰.
Host	Name: Tan-PC	IP	Address: 192.1	68.1.254	System User: Entry	/Pass	Date/Time	: Tue, 12 Apr 201	6 14:58:29				

Notes: Please go to 'Device List' to check the **Hardware** status. Kindly refer <u>Appendix C</u> if the **Hardware** status is down.



Serial (RS232/RS485) Controller Setup Steps







Uiew Connection	and the second	_ 0 _ X
Add (F2) Edit (F4) Delete (F6)	Refresh (F5) Print (F7) Close	
Name Descriptic	Type Comm Port/IP Address/Host Name	
	Click 'Add' button	
Total: 0		





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



🔄 View Connection		Summer of Street,		_ 0 X
Add (E2)	Edit (E4) Delete (E6)	Befresh (F5)	Print (F7) Close	
Name	Description	Туре	Comm Port/IP Address/Host Name	
Comport	Comport	Serial	Comm 6	
			Click (Close) button	
			Chek Close Dutton	
Total: 1				







Uiew Controlle		And I done		
Add (F2)	Edit (F4) Delete (F6) F	Refresh (F5) Print (F) Close	
Name	Description	Address	Model	Location
	Clic	sk (Addi but	ton	
		IK AUU DUI	lon	
Total: 0				
Command				







Name Back Door			
Description Back Door		1	. Enter controller name and
Model S3200	•		description
Address 255 . 255 . 255 .	1		
Fingerprint Event Ro Controller Setting Door S	elaySetting Ac etting Reader	dvanced Setting 1 2. Alarm Setting	Enter controller unit address
Connection	Undefined		
Suspend Polling	No No		
Global Antipassback Group	Undefined		3. Click 'Undefined' option
Antipassback/Card+PIN Res	et 📃 No	Antipassback/Card+PIN R	eset Time
Admin/Local Pin Reset	🔽 Yes	Admin/Local Pin Reset Tim	ne <u>:</u>
Cross board Interlock Group	<u>Undefined</u>	Enabled Interlock	No No
Hint: Cross board Interlock	only supported to	1 controller	
Load Profile		Save and Close	Save and New Cancel

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





ontroller - Edit
Name Back Door
Description Back Door
Model S3200
Address 255.255.1
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
Connection Comm Port - Comm Port
Suspend Polling 📃 No
Global Antipassback Group <u>Undefined</u>
Antipassback/Card+PIN Reset 🔲 No 🛛 Antipassback/Card+PIN Reset Time 📃
Admin/Local Pin Reset Time
Cross board Interlock Group Undefined Enabled Interlock 🔲 No
Click 'Load Profile' button
Hint: Cross board Interlock only surged to 1 controller
Load Profile Accept Cancel
Read hint on Local PIN, Key Card + PIN and HID AGK format here

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



Controller - Add	
Name	Back Door
Description	Back Door
Model	S3200 -
Address	255.255.255.1
Fingerp Controller Suspend Global A Antipass Admin/L Cross bo	int Event Relay Setting Advanced Setting Available Wiegand Group Feature Checklist Setting Door Setting Reader Alarm Setting Input Point Setting Output Relay Zone Setting Input Profile In and Out Reader Profile In and Out Reader In and Out Turnstile In and Out Turnstile
	Select controller profile
Hint: Cros	s board Interlock only supported to 1 controller
Load	Profile Save and Close Save and New Cancel
Read hint or	Local PIN, Key Card + PIN and HID AGK format here



Name Back Door	
Description Back Door	
Model Cappon	
Address 255 . 255 . 255 . 1	1. Click 'Door Setting' tab
Fingerprint Event Bela	av Setting Advanced Setting Available Wiegand Group Feature Checklist
Controller Setting	Reader Alarm Setting Input Point Setting Output Relay Zone Setting
Parameters	Door 1
Name	Back Door
Description	Back Door
Lock release time (sec)	15
Open time (sec)	30
Entry Zone ID	¹ 2 Enter door name and
Exit Zone ID	² description
Card + PIN Time Zone	0 - Not Active description
Card + PIN Lockout Count	0
Lock Release Time Zone	0 - Not Active
Exit Button Enabled Time Zone	e <u>1 - 24 Hours Active</u>
Antipassback Time Zone	0 - Not Active
Antipassback Lockout	T No.
Hint: Interlock selectable by	door only applicable on Phase 4 or above.

escription Back Door		
odel s3200	•	
Fingerprint Event Rel Controller Setting Door Se	ay Setting Advanced tting Reader Alarm	1. Click 'Reader' tab Setting Available Wiegand Group Feature Checklist Setting Input Point Setting Output Relay Zone Setting
Parameters	Reader 1	Reader 2
Name	Back Door In	Back Door Out
Description	Back Door In	Back Door Out
Reader Type	Standard Wiegand	Stanue
In/Out	⊙In Out	OIn ⊙Out
Bind to Door	1 - Door 1	1 - Door 1
HID AGK	N/A	2. Enter reader name an
Wiegand Option	○Single	Osingle description
Wiegand Format	Wiegand 26-bits	Wiegand 20
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	<u>1 - 24 Hours Active</u>	1 - 24 Hours Active
Enable Access Limit	No	T No.



lame Back Door	Back Door				
escription Back Door					
fodel Loopoo	-				
33200	-				
vddress 255 . 255 . 255 .	1				
Fingerprint Event F Controller Setting Door	Relay Setting Advanced S Setting Reader Alarm	Setting Available Wiegand Group Feature Checklist Setting Input Point Setting Output Relay Zone Setting			
Parameters	Reader 1	Reader 2			
HID AGK	N/A	N/A			
Wiegand Option	⊖Single ⊙Multiple	○Single Multiple			
Wiegand Format	Wiegand 26-bits	Wiegand 26-bits			
Wiegand Group	N/A	N/A			
Wiegand Group(s) Selectio	n IWiegand 26-bits.Wiegand 3	3. ▼ [Wiegand 26-bits,Wiegand 32-bi			
Activated Time Zone	✓ Wiegand 26-bits	1			
Enable Access Limit	✓ Wiegand 32-bits ✓ Wiegand 34-bits	Supported Wiegand Format			
Bind to Zone	✓ Wiegand 35-bits ✓ Wiegand 37-bits	0			
Use Loop Detector		No			
Bypass Access Limit		No			
Use Built-in Tamper					
Lockdown during Tamperer	4	· · · · · · · · · · · · · · · · · · ·			

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



troller - Add					
Name Back Door	Back Door				
Description Back Door	Back Door				
Model S3200	•				
Address 055 055 1					
Address 200.200.200.1					
Fingerprint Event Rel Controller Setting Door Se	ay Setting Advanced Settin tting Reader Alarm Settin	ng Available Wiegand Group Feature Checklist ng Input Point Setting Output Relay Zone Setting			
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	⊙In ⊖Out	◯In ⊙Out			
Bind to Door	1 - Door 1	1 - Door 1			
HID AGK	N/A	N/A			
Wiegand Option	○Single Multiple	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	i [Wieg: Click (Source and Classe) button			
Activated Time Zone	<u>1 - 24 Hours Active</u>	1-24 CIICK Save and Close Dutton			
Enable Access Limit	No				
Load Profile	Save a	nd Close Save and New Cancel			
Read hint on Local PIN, Key Card	+ PIN and HID AGK format here				

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



Uiew Controller	ALL PROPERTY.	Million Direct	and i direct		
Add (F2)	Edit (F4) D	Delete (F6) Re	efresh (F5) Pr	int (F7) Close	
Nene	Description		A ddaaa	Madel	
Radie Rack Deer	Back Door			1 62200	Comp 0
Back Door	Back Door		255.255.255	.1 S3200	Comrt Click ' Close ' button
Total: 1 Command					
	_	_			



Ξ	NTIRYPASS	PLATFORM1 SERVE	R [Standard E	dition]									iii iii iii iii
Onli	ne Transaction	vice List		Click	'Device List	′ tab	rel		_	_	NOTIFICATION	ALARM	
												Docke	i 🛄
	Controller Name	Controller Description	Status	Door/Point Name	Door/Point Description	State	Lock/Arm/Keyswitch	Control Mode	R	eader 1	R	eader 2	
									Status	Mode	Status	Mode	Status
	Back Door	Back Door	Up				Disarm						
				Back Door	Back Door	Door Closed	E Lock		No Tamper	No Tamper	No Tamper	🔘 No Tamper	
•													÷.
									·····				
Host	t Name: Tan-PC	IP /	Address: 192.16	8.1.254	System User: Entry	Pass	Date/Time	: Wed, 13 Apr 20	016 10:26:29				

Notes: Please go to 'Device List' to check the **Hardware** status. Kindly refer <u>Appendix C</u> if the **Hardware** status is down.



How To Create Access Level And Access Group



Difference Between Access Level And Access Group

	Access Level	Access Group
No. Of Set	255	Unlimited
Supported Hardware	S3150, N5150	S3200, S3400, N5200, N5400, N- MINI 2, N6200, N6400



Create Access Level





Notes: The following controllers support access level: Controller model: MINI, NMINI, S3150, N5150



😓 View Access Level	
Add (F2) Edit (F4) Delete (F6) Refresh (F5) Print (F7) Close	
Name Descrip 0 No Access 1 Full Access	
Click 'Add' button	
Total: 2	
Accessible Door	
Door Description In Time Zone	
All Doors 0 - Not Active	
Total: 0 Command	



Access Level - Add		
Name 2		
Description Access Back Door		1. Enter access level name
Door	Description	In Time Zone
	1	
Accessible Door (Total: 0)		
	Remove All	2. Select which door that you
Back Door	Description	level
Available Door (Total: 1)		
	Save and Close	Save and New Cancel

Notes: Only those doors that support access level will appeared in the 'Accessible Door' list



Access L	evel - Add		
Des	scription Access Back Door		
Do	or	Description	In Time Zone
- 🗲 Bao	ck Door	Back Door	<u>1 - 24 Hours Active</u>
Ac	Add All	Remove Remove All	Change All TZ <u>0 - Not Active</u>
Do	or	Description	
			2. Click 'Save and Close button
Av	vailable Door (Total: 0)		
		Save and Close	Save and New Cancel


😓 View Access Level	P SERVER Downed I Read		
Add (F2) Edit (F4)	Delete (F6) Refresh (F5)	Print (F7) Close	
Name 🛆 Description			
0 No Access			
1 Full Access			
Z Access Back Door			
			Click 'Close' button
Total: 3			
Accessible Door			
Door	Description	In Time Zone	
Back Door	Back Door	1 - 24 Hours Active	
Total: 1			
cominand			

Notes: Maximum access level that you can create is 255 sets.



Create Access Group





Notes: The following controllers support access group: Controller model: \$3200, \$3400, N5200, N5400, N-MINI 2



😓 View Access Group	x
Add (F2) Edit (F4) Delete (F6) Refresh (F5) Print (F7) Close	
Name Description	
Click 'Add' button	
Total: 0	
Accessible Door	
Door Description In Time Zone	
Total: 0	
Command	•



Name Access Main Door Description Access Main Door		1. Enter access group name and description			
Door	Description	In Time Zone			
Accessible Door (Total: 0) Add Add All Available Door Listing Incompatible D	Remove Rem	2. Select which door that you want to assign to this access group change AII TZ <u>O-Not Active</u>			
Door 🛆	Description				
Main Door	Main Door				
Back Door	Back Door				
Available Door (Total: 2)					
	Save an	d Close Save and New Cancel			



Name Access Main	Door				
Door	Description	In Time Zone			
- Main Door	Main Door	1 - 24 Hours Active			
Accessible Door (Total: 1)	Accessible Door (Total: 1) Add Add All Remove Remove All Change All TZ 0 - Not Active				
	Available Door Listing Incompatible Door Listing				
Available Door Listing In					
Available Door Listing In	Description				
Available Door Listing In Door Back Door	Description Back Door				
Available Door Listing In Door Back Door	Description Back Door	2. Click 'Save and Close button			



Ac	Name Access Main Door						
	Description Access Main Door						
	Door	Description	In Time Zone				
	Main Door	Main Door	<u>1 - 24 Hours Active</u>				
	Accessible Door (Total: 1) Add Add A Available Door Listing Incom: Door Back Door	Warning Do you want to assign Cards? This form will close in 3 secs.	this Access Group to all Click 'N Yes No	No' button			
	Available Door (Total: 1)						
		Save and	d Close Save and New C	ancel			



😓 View Access Group	P SERVER Double Links		
Add (F2) Edit (F4)	Delete (F6) Refresh (F5)	Print (F7) Close	
Name Description Access Main Door Access Main Door			Click 'Close' button
Tatal 1			
Accessible Door			
Door	Description	In Time Zone	
Main Door	Main Door	1 - 24 Hours Active]
Total: 1			
Command			

Notes: You can create unlimited access group.



How To Create Staff And Card Data



ENTRYPASS PLATFORM1 SE	RVER [Standard Edition]			
Online Transaction Device List 1/0 List	Guard Tour Floor Plan Roll Call L	ocation Advanced TA Dynamic Triggering C	ontrol Panel	
System 🛞				
Company 🛞	💐 🛯 🗐			
👿 System User	System User Menu Control	Staff Depon	Job Holiday Leave	
🔣 Menu Control				
🍇 Staff				
🌗 Dept			Click 'Staff' icon	
🎎 Job				
🙀 Holiday				
🧱 Leave				
Lift 🛞				
Time Attendance 🛞				
Guard Tour 🛞				
Utilities 🛞				
ССТУ 🛞				
Host Name: Tan-PC	IP Address: 192.168.1.254	System User: EntryPass	Date/Time: Wed, 13 Apr 2016 10:35:12	

Notes: You can find staff icon under 'Control Panel' \rightarrow 'Company' tab.



🔄 View Staff	PLATFORM SCHOOL I	Franker (Bird)							_ 0 <u>×</u>
Add (F2)	Edit (F4) Delete (F6)	Refresh (F5) Print	F7) Find (F3)	Close	l				
 Filter View Filter By Filter Value 	Staff No.		Filter	Classic View — This view show all display.	l staff and will take a longer ti	me to			
NOTE: When filter	r by card's condition: if cardholder hold				k color.				
	Record 0 to 0 of 0	Click	'Add' butt	ton					
Staff No.	Name	Department	Job	ahift Ca	ard 1	Card 2	ard 3	Card 4	Card 5
•									۱.
Total Staff on scre	een: 0	T		T	T . 10110 0	T. 14 1 1 7	T		
Summary of Staff: Command	: I otal Staff: U	Total card: 0	otal Department: 0	l otal Job: 0	l otal Shift: 0	I otal Access Level: 3	Total Access Group: 1		•
Selection List									•



Staff - Add Personal Data Ca	rd Data User Defined Field TA User Login Fingerprint				
Staff No. Name	T001 Or Use Running No.				
IC No. Gender	Male Female Enter staff no. and name				
Date of Birth Date of Join	Wednesday, 13 April , 2016 Wednesday, 13 April , 2016 Load Clear				
Department Job	 ▼ ♥ (Best fit: 150 * 150) 				
Shift Type Shift	Normal Roster				
Resign Date of Resign	Wednesday, 13 April , 2016				
Last Modified Date: -					
East Modified Date Save and Close Save and New Cancel					

Notes: Staff No. cannot support the following symbols:

- (i) ' (Apostrophe)
- (ii) " (Quotation)

(iii); (Semi Comma) (iv) – (Hyphen)



Staff - Add Personal Data Card Data User D General Lift Card No. Card Typ Total: 0 of 6	e Pin No. 1. Click 'Card Data' tab
	2. Click 'Add' button
	Add Edit Delete
Last Modified Date: -	Save and Close Save and New Cancel



Card - Add	
Card No. Card Name General Lift	1013534812 Scan From Reader TAN Scan From Writer
Card Type Pin No.	Normal Access Card Image: Card state Image: Car
Start Date End Date	Wednesday, 13 April , 2016 💌 Monday , 13 April , 2026 💌
Accessibility	1 - Full Access
Buddy Mode Antipassback	No Buddy No Yes 2. Click 'Option' button to select access level or access group
	and Close Add and New Cancel



Access Level 1 Full Access Access Group (s) 0 No Access 1 Full Access 2 Back Door Or Accessible Access Group		
		Click drop down button to select access level
Total: 0 Add All	Remove Remove All	
Available Access Group	Description	
Access Main Door	Access Main Door	
Total: 1		Accept Cancel

Notes: The following controllers support Access Level: Controller model: MINI, NMINI, S3150, N5150

Configure Accessibility	×
Access Level 2 Back Door Only 🔽 🔯 Access Group (s) 🛶	
Accessible Access Group Description	
Total: 0	Select access group from 'Available Access Group' list
Add All Remove All	
Available Access Group Description Access Main Door Access Main Door	
Total: 1	
	Accept Cancel

Notes: The following controllers support Access Group: Controller model: \$3200, \$3400, \$5200, \$5400, \$100, \$

Configure Accessibility	
Access Level 2 Back Door	Only 🔽 🔀
Access Group (s) 🛖	
Accessible Access Group	Description
Access Main Door	Access Main Door
	1 Click (Add/ buttop
	T. CIICK Add Dutton
Tota: T	
Add All	Remove All
Available Access Group	Description
·	
2. Clie	ck 'Accept' button
Total: 0	
, otal. O	
	Accept Cancel



Card - A	dd	
Car	d No.	1013534812 Scan From Reader
Car	d Name	TAN Scan From Writer
Ge	eneral Lift	
	Card Type	Normal Access Card
	Pin No.	000000
	Start Date	Wednesday, 13 April , 2016 💌
	End Date	Monday ,13 April ,2026 💌
	Accessibility	2 - Back Door Only Access Main Door - Access Main Door
	Buddy Mode	No Bud
	Antipassback	✓ Yes
	Activate	Ves
	Add and	d Close Add and New Cancel



Sta	nff - Ac	dd ersonal Data Card D General Lift	ata User Defined F	Field TA User I	_ogin Fingerprint			
		Card No. 1013534812	Card Type Access Card	Pin No.	Start Date 13/04/2016	End Date 13/04/2026	Access Level 2 - Back Door Only	
		 ✓ □ Total: 1 of 6 					•	
		Access Group	Access	Main Door				
						Click 'S	Save and Close'	button
	Last	t Modified Date: - Export staff's record			Save and Close	Add E Save and New	idit Delete	



🔄 View Staff	LAWORN MAN	B Provident I Minut							_ 0 X
Add (F2)	Edit (F4) Delete (F	6) Refresh (F5)	Print (F7) Find (F3	3) Close					
Filter View				- Classic Vie	ew				
Filter By St	aff No.	•		This view sho	ow all staff and longe	r time to			
Filter Value		•	Filter	display.					
NOTE: When filter by c	ard's condition: if cardholder h	olds more than one card, card (which meet the filter will be sh	own in red color, othe	erwise black o				
	System detected of	changes has been done to staff	information. Therefore pagina	ation listing is aborted.	Please click	Click 'Close'	button		
Staff No. Nar	me	Departmer	it Job	Shift	Card 1	Card 2	Card J	card 4	Card 5
T001 TAI	N				1013534812 (2) [more]				
•									- F
Total Staff on screen: 1	1								
Summary of Staff:	Total Staff: 1	Total card: 1	Total Department: 0	Total Job: 0	Total Shift: 0	Total Access Level: 3	Total Access Group: 1		•
Selection List									•

Notes: After you've saved the card data, P1 Server will automatic send the card data to **Hardware** according to access level or access group that you assigned.



Create Local Antipassback





Notes: You can find controller icon under 'Control Panel' \rightarrow 'System' tab.







Name M 1 D				
Name Main Door				
Description Main Door				
Model N5200	-			
Address 192.168.1.100	1.	Click 'Door Setting' tab		
Zone Setting Eingerprint	Event Collary Setting Advanced S	etting Available Wiegand Group Feature Checklist		
Controller Setting Door Setting	Reader Alarm Setting Input Point	Setting Output Relay Network Setting Port Forwading		
Parameters	Door 1	<u>۸</u>		
Open time (sec)	30			
Entry Zone ID	1			
Exit Zone ID	2			
Card + PIN Time Zone	<u>0 - Not Active</u>			
Card + PIN Lockout Count	0			
Lock Release Time Zone	<u>0 - Not Active</u>			
Exit Button Enabled Time Zone	<u>1 - 24 Hours Active</u>			
Antipassback Time Zone	0 - Not Active			
Antipassback Lockout	No			
Buddy Mode Time Zone	0 - Not Active	2. Click '0-Not Active' option		
PIN 1	000000			
PIN 1 Time Zone	0 - Not Active	T		
Hint: Interlock selectable by door only applicable on Phase 4 or above.				
Load Profile		Accept Cancel		







Name Main Door Description Main Door Model N5200 Address 192.168.1.100			
Zone Setting Fingerprint Controller Setting	Event Relay Setting Reader Alarm Se	lown until you find rity Mode' option	
Parameters	Door 1		
Entry Zone ID	1		
Exit Zone ID	2		
Card + PIN Time Zone	<u>0 - Not Active</u>		
Card + PIN Lockout Count	0		
Lock Release Time Zone	0 - Not Active		
Exit Button Enabled Time Zone	<u>1 - 24 Hours Active</u>		
Antipassback Time Zone	<u>1 - 24 Hours Active</u>		
Antipassback Lockout	No		
Buddy Mode Time Zone	0 - Not Active		
PIN 1	000000		
PIN 1 Time Zone	0 - Not Active		
PIN 2	000000	• •	
Hint: Interlock selectable by door only applicable on Phase 4 or above.			
Load Profile Accept Cancel Read hint on Local PIN, Key Card + PIN and HID AGK format here Cancel			



Controller - Edit	
Name Main Door	
Description Main Door	
Mair Door	
Model N5200	▼
Address 192.168.1.10	D
Zone Setting Fingerprint	Event Relay Setting Advanced Setting Available Wiegand Group Feature Checklist
Controller Setting Door Setting	Reader Alarm Setting Input Point Setting Output Relay Network Setting Port Forwading
Parameters	Door 1
Roll Call Reader	No
Roll Call Group	Undefined 1. Select 'High' option
Check Card Expiry Date	No
Software Fire Release	No
Fire Release Group	Undefined
Security Mode	
Keyed Card + PIN Time Zone	0 - Not Active
Enable Interlock	No
Lock Energize Option	●By Open time By Release time
Door Sensor Delay (0.1 sec)	0
Authorization Lock Release	T No
2 Click 'Acc	ept' button
	option
Hint: Interlock selectable by	door on, bie on Phase 4 or above.
Load Profile	Accept
Read birt on Local DIN, Key Sector	
Head hint on Local PIN, Key Lard +	MIN and HID AGN format here



y View Controller	PLATFORM SERVICE 1	Provident of the Read		
Add (F2)	Edit (F4) Delete (F6)	Refresh (F5) Print (F7)	Close	
Name	Description	Address	Model	
Back Door	Back Door	192.168.1.101	N5200	
Main Door	Main Door	192.168.1.100	N5200	
				Click 'Close' button
otal: 2 Command				



Create Global Antipassback





Notes: You can find global antipassback group icon under 'Control Panel' → 'System' tab.



🔄 View Global Antipassback Group
Add (F2) Edit (F4) Delete (F6) Refresh (F5) Print (F7)
Name Dest Antpassbed TZ Port No (Active Network Controler only) Click 'Add' button
Total: 0
Command



Global Antipassback Group - Add	1. Enter global antipassback name and description
Name: Group A Description: Group A Antipassback TZ: 0 - Not Active	
Port No. 44500 🔄 0 = Not used	2. Click '0-Not Active' option
[Notes: Port.No only applicable for Active Network Controller use] Save and Close Save and New Ca	ancel







Global Antipassback Gr	oup - Add
Name:	Group A
Description:	Group A
Antipassback TZ:	<u>1 - 24 Hou</u>
Port No.	44500 Click Save and Close Dutton
[Notes: Port.No only	applice for Active Network Controller use]
Save and Clos	e Save and New Cancel



📇 View Global Antip	assback Group	STREET Contraction	Read of the local division of the local divi		
Add (F2)	Edit (F4)	Delete (F6) Refresh (F5) Print (F7)	Close	
			-		
Name	Desc	Antipassback TZ	Port No (Ac	tive Network Controller o	D.
Group A	Group A	1 - 24 Hours Active	44500		Click 'Close' button
Total: 1					
Command T					










Controller - Edit
Name Main Door
Description Main Door
Model N5200
Address 192.168.1.100
Zone Setting Fingerprint Event Relay Setting Advanced Setting Available Wiegand Group Feature Checklist Controller Setting Door Setting Reader Alarm Setting Input Point Setting Output Relay Network Setting Port Forwading
Current Port No. 44002 Click 'Undefined' option
Global Antipassback Group <u>Undefined</u>
Antipassback/Card+PIN Reset 🔄 No Antipassback/Card+PIN Reset Time
Admin/Local Pin Reset International Pin Reset Time
Cross board Interlock Group Undefined Enabled Interlock
Hint: Cross board Interlock only supported to 1 controller
Load Profile Cancel
Read hint on Local PIN, Key Card + PIN and HID AGK format here







Controller - Edit
Name Main Door
Description Main Door
Model N5200
Address 192 168 1 100
Zone Setting Fingerprint Event Relay Setting Advanced Setting Available Wiegand Group Feature Checklist
Der Seking Freder Alam Seking inpart onk Seking Bapak Heidy Rekvolk Seking Fakt orwading
Click (Deer Setting) to b
Suspend Polling No
Global Antipassback Group Group A - Group A
Antipassback/Card+PIN Reset 🔲 No 🛛 Antipassback/Card+PIN Reset Time 📃
Admin/Local Pin Reset 📄 No Admin/Local Pin Reset Time
Cross board Interlock Group Undefined Enabled Interlock No
Hint: Cross board Interlock only supported to 1 controller
Load Profile Accept Cancel
Read hint on Local PIN, Key Card + PIN and HID AGK format here

Notes: After selected the global antipassback group, the group name will appeared on the global antipassback group field.

Name Main Door Description Main Door Model N5200				
Address 192 168 1 10				
Zone Setting Fingerprint Controller Setting Door Setting	Event Relay Setting Reader Alarm Se	Scroll de 'Securi	own until you find ty Mode' option	eature Checklist Port Forwading
Parameters	Door 1			^
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 Zon	e <u>1 - 24 Hours Active</u>			
Antipassback Time Zone	0 - Not Active			
Antipassback Lockout	No			
Buddy Mode Time Zone	0 - Not Active			
PIN 1	000000			
PIN 1 Time Zone	0 - Not Active			•
Hint: Interlock selectable by	door only applicable o	on Phase 4 or	above.	
Load Profile			Accept	Cancel



Controller - Edit	-	and the second
Name Main Door		
Description Main Door		
N5200	•	
Address 192.168.1.100		
Zone Setting Fingerprint Controller Setting	Event Relay Setting Advanced Setting Reader Alarm Setting Input Point Settin	g Available Wiegand Group Feature Checklist ng Output Relay Network Setting Port Forwading
Parameters	Door 1	
Roll Call Reader	No	1. Coloret (Ulioret, evetiere
Roll Call Group	Undefined	I. select 'High' option
Check Card Expiry Date	No	
Software Fire Release	No	
Fire Release Group	Undefined	
Security Mode		
Keyed Card + PIN Time Zone	<u>0 - Not Active</u>	
Enable Interlock	No	
Lock Energize Option	●By Open time ●By Release time	
Door Sensor Delay (0.1 sec)	0	
2. Click 'Ac	cept' button	bove.
Load Profile		Accept Cancel
Read hint on Local PIN, Key Card +	PIN and HID AGK format here	



View Controller	1.100	P SERVER Dank	of Laboratory			0 X
Add (F2)	Edit (F4)	Delete (F6) Ref	resh (F5) Print (F7)	Close		
Name	Descrip	tion	Address	Model	L 'ion	
Back Door	Back Do	or	192.168.1.101	N5200		
Main Door	Main Do	or	192.168.1.100	N5200		
					Click 'Close' button	
Totali 2						
Command						•

Notes: Repeat the steps from page 142 to page 147 for all the controllers fall under the same global antipassback group.





Notes: Before proceed to this step, please make sure you've already assigned global antipassback group to all the necessary controllers.



ferences - View	
Miscellaneous N System Contr	-MINI Active Engine Transaction Server Suprema Additional Modules PA Messaging oller Alarm User Defined Field Email Notification SMS Notification Report
Controller	0000 NOTE: Facility Codes are not being used in 10 Digits version.
Facility Code 2	0000
Facility Code 3	1 Click 'Controller' tab
Facility Code 4	
Facility Code 5	0000
Facility Code 6	0000
Facility Code 7	
Facility Code 8	
Facility Code 10	0000
Activate Global A	
Use trimming	2. Click 'Edit' button rold firmware)
By default, card n	ame rollows (N-MINIZ only) Staff Name Sync all card name
	Edit Close



Miscellaneous N-MINI System Controller	Active Engine Transa Alarm User Define	iction Server 9 d Field Ema	Suprema Addit ail Notification	ional Modules PA Messag SMS Notification Rep
Controller				
Facility Code 1 0000		NOTE: Facility	Codes are not bein	g used in 10 Digits version.
Facility Code 2 0000				
Facility Code 3 0000				
Facility Code 4 0000				
Facility Code 5 0000				
Facility Code 6 0000				
Facility Code 7 0000				
Facility Code 8 0000		1.1	ick the che	eckbox
Facility Code 9 0000				
Facility Code 10 0000				
Activate Global Antipassback	Ves.			
Use trimming method for (Card No. when converting f	irom 32bits to 26bit	s (for old firmware)	
By default, ca 2. C	lick 'Accept' b	outton	Staff Name	Sync all card name



Miscellaneous 1 System Cont	Image: Additional Modules Transaction Server Suprema Additional Modules PA Messaging troller Alarm User Defined Field Email Notification SMS Notification Report
Facility Code 1	0000 NOTE: Facility Codes are not being used in 10 Digits version.
Facility Code 2	
Facility Code 5	0000 Sending <antipassback member=""> to [Main Door]</antipassback>
Facility Code 7	0000 Cancel
Facility Code 9 Facility Code 10	00000 Sending in progress
Activate Global A	Intipassback Ves method for Card No. when converting from 32bits to 26bits (for old firmware)
By default, card r	name follows (N-MINI2 only) 💿 Staff No. 💿 Staff Name Sync all card name



Miscellaneous N-MINI Active Engine Trans System Controller Alarm User Defin	action Server Suprema Additional Modules PA Messaging ed Field Email Notification SMS Notification Report
Controller	
Facility Code 1 0000	NOTE: Facility Codes are not being used in 10 Digits version.
Facility Code 2 0000	
Excility Code 2	
Facility Code 4 0000	
Facility Code 5 0000	
Facility Code 6 0000	
Facility Code 7 0000	
Facility Code 8 0000	
Facility Code 9 0000	
Essilia Code 10	
Activate Global Antipassback 🛛 Yes	
Use trimming method for Card No. when converting	
By default, card name follows (N-MINI2 only)	
	[]



APPENDIX



Appendix A: Network Cable Connection





Appendix B: Dip Switch Addressing Table

Unit Address	Software address field	Unit Address	Software address field
1	255.255.255.1	9	255.255.255.9
2	255.255.255.2	10	255.255.255.10
3	255.255.255.3	11	255.255.255.11
4	255.255.255.4	12	255.255.255.12
5	255.255.255.5	13	255.255.255.13
6	255.255.255.6	14	255.255.255.14
7	255.255.255.7	15	255.255.255.15
8	255.255.255.8	16	255.255.255.16

Notes: Applicable for HCB serial board only



Appendix C: Troubleshooting

- 1. No available **Hardware** display on 'New controller Found' Windows.
 - Kindly check the connectivity between **Server** and **Hardware**. (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 Hardware 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 **Hardware** status down after sending all the parameter:
 - Kindly check the communication port for **Server**;
 - Ensure the dip-switch configuration on the **Hardware** is matching with **Hardware** unit address on software site;
 - The connectivity cable from Hardware to RS485 convertor;
 - The healthy for the RS485 convertor.



Appendix D: Wiegand Group Selection

			- Luic	
Name	CTRL 3200			
Description				
Model	\$3200	v		
A				
Address	200.200.200.1			
Zone Se Controlle		r Setting Reader	ing Advanced Setting Available Wiegand G Alarm Setting Input Point Setting Output	
Parame	eters	Reader 1		
Name		IN	🗵 Wiegand 26-bits	
Descrip	tion		🗵 Wiegand 32-bits	
Reader	Туре	Standard Wiegand	Wiegand 34-bits	
In/Out		⊙In ⊖Out	🗵 Wiegand 35-bits	
Bind to	Door	1 - 3200	🖾 Wiegand 37-bits	
HID AG				
Wiegan	nd Option	⊖Single ⊙Multiple		
Wiegan	nd Format			
Wiegan	nd Group	N/A		
Wiegan	nd Group(s) Selection	[Wiegand 26-bits,Wiegand 3	32- 🖉 [Wiegand 26-bits,Wiegand 32-bi	
Activat	ed Time Zone	1 - 24 Hours Active	1 - 24 Hours Active	
Enable	Access Limit	E No	No	Ψ.



Appendix E: Car Park Barrier Setting

Step 1. Load Profile: In and Out Barrier

Controller - Add
Name Car Barrier
Description Car Barrier
Model N5200
Address 192.168.1.102
Zono Sotting Fingerprint Fuent Relay Sotting Advanced Sotting Available Wingand Group Feature Checklist
Controller Setting Door Setting Reader Alarm Setting Input Point Setting Output Relay Network Setting Port Forwading
Current Port No.
Suspend Polling Profile: In and Out Reader
Global Antipassba
Antipassback/Car 2 Turnstiles In and Out Barrier 2 Turnstiles In and Out Turnstile
Admin/Local Pin F
Cross board Interlock Group Undefined Enabled Interlock No
1. Click 'Load Profile' button
2. Select controller profile
Hint: Cross boar verlock only supported to 1 controller
Load Profile Save and Close Save and New Cancel
Read hint on Local PIN, Key Card + PIN and HID AGK format here



Appendix E: Car Park Barrier Setting

Step 2. Lock release time: 2 seconds

Name Car Barrier						
Description Car Barrier						
Model N5200	-					
Address 192.168.1.10	2					
Output Relay	Network Setting	Port Forwading	g Zone Setting	Fingerprint		
Event Relay Setting	Advanced Setting	Availa	able Wiegand Group	Feature Checklist		
Controller Setting	Lar Park Setting	Header	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	<u>_</u>	2			
Open time (sec)	30		30			
Entry Zone ID	1					
Exit Zone ID	2		2			
Card + PIN Time Zone	0 - Not Active		0 - Not Act			
Card + PIN Lockout Count	0		0			
Lock Release Time Zone	0 - Not Active		0-1 Set	to 2 second		
Exit Button Enabled Time Zon	e <u>1 - 24 Hours Active</u>		1-1			
Antipassback Time Zone	0 - Not Active		0 - Not Active			
Antinassback Lockout	E No.		No	~		



Appendix F: Suprema Setting

Step 1. Preference \rightarrow Suprema \rightarrow Reader Type

efere	nces - Edit
	System Controller Alarm User Defined Field Email Notification SMS Notification Report Miscellaneous N-MINI Active Engine Transaction Server Suprema Additional Modules
	Administrator User ID 1 (Pre-served for all Fingerprint Reader usage)
	Parameters Enrolled
	Template 01 No
	Template 02 No
	Ewoll 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 \rightarrow Fingerprint \rightarrow 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 Poly Notwork Sotting
Port Forwading Zone Setting Fingerprint Event Relay Setting Advanced Setting Available Wiegand Group
Parameters Device 1 Device 2
Use Fingerprint 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 \rightarrow Reader \rightarrow Reader Type: Suprema

Name	MAIN DOOR				
Description	MAIN DOOR				
Model	, NE200				
moder	N5200				
Address	192.168. 1 .100)			
Port Forv	wading 📔 Zone Settin	g Fingerprint Event Relay	Setting Advanced Setting	Available Wiegand Group	
Controlle	r Setting Door Setti	ng Reader Alarm Setting	Input Point Setting Output	t Relay Network Setting	
Parame	eters	Reader 1	Reader 2		
Name		R1	R2		
Descrip	otion				
Reade	r Type	Standard Wiegand 💌	Standard Wiegand		
In/Out	:	Standard Wiegand	⊙In ⊙Out		
Bind to	Door	HID Integrated Keypad Rosslare Integrated Keypad	1 - MAIN DOOR		
HID AG	SК	Suprema HTD Provimity	N/A		
Wiegar	nd Option		⊙Single ⊙Multiple		
Wiegar	nd Format	Wiegand 26-bits	Wiegand 26-bits		
Wiegar	nd Group	N/A	N/A		
Wiegar	Wiegand Group(s) Selection [Wiegand 26-bits,Wiega		[Wiegand 26-bits,Wiegand 32-bi		
Activat	ted Time Zone	<u>1 - 24 Hours Active</u>	<u>1 - 24 Hours Active</u>		
Enable Access Limit No		No	No	-	



Appendix G: Enroll Fingerprint

Personal Data Card Data U Operation Mode:	ser Defined Field TA User Login Fingerprint		
Enrollment Quality Acce Parameters Template 01	Enrolled	1. Click 'Fingerprint' tak	D
Template 02	No	2. Select template '01'	
	3. Click 'Enroll' button	Enroll Delete	
Notes: Please e using 'Fingerprir	nter card number under 'Ca it' only	rd Data' even you're	
Last Modified Date: -	Save and Close	Save and New Cancel	

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





Appendix H: L3800 Controller Wiegand Format Setting

Iame LIFT CAR					
ddress 255 . 255 . 255 . 1					
Controller Setting Sub Lift Fing	gerprint Lift Reader	Deader 2	Deader 2		
Fachle	Reader I	Reader 2	Reader 3		
Name	I Tes				
Description					
Description Description	Chandrad Wissened				
Wiegand Ontion					
Wiegand Format	Wiegand 25 bits	Wiegand 26-bits	Wiegand 26-bits		
Wiegand Group	Wiegand 26-bits	N/A	N/A		
Wiegand Group(s) Selection	- Wiegand 32-bits	0/0			
Activated Time Zone	Wiegand 35-bits Wiegand 37-bits Custom	<u>1 - 24 Hours Active</u>	1 - 24 Hours Active		
•			4		

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

Controller - Add
Name Turnstile Gate Description Turnstile Gate Model N5200 Address 192.168.1.102 Zone Setting Fingerprint Event Relay Setting Advanced Setting Available Wiegand Group Feature Checklist Controller Setting Door Setting Beader Alarm Setting Input Point Setting Output Belay Network Setting Potr Forwarding
Current Port No. Suspend Polling Global Antipassba Antipassback/Car 1. Click 'Load Profile' button Global Profile' button del Interlock
2. Select controller profile
Hint: ss board Interlock only supported to 1 controller
Load Profile Save and Close Save and New Cancel
Read hint on Local PIN, Key Card + PIN and HID AGK format here



Appendix I: Turnstile Setting

Step 2. Lock release time: 2 seconds

ntroller - Add	1	_				
Name	Turnstile Gate					
Description	Turnstile Gate					
Model	N5200	-				
Address						
Address	132.166.1.102	·				
Outpu	ut Relay N	etwork Setting	Port Forwadin	g	Zone Setting	Fingerprint
Even	t Relay Setting	Advanced Setting	g Avail	able Wiega	nd Group	Feature Checklist
Contro	oller Setting	Turnstile Setting	Reader	Ala	rm Setting 📋	Input Point Setting
Parame	eters	Turnstile 1		Turnstile 2	2	
Name		Entry Turnstile	Exit Turostile			
Descrip	tion	Entry Turnstile		Exit Turnstile		
Lock re	lease time (sec)	2		2		
Open ti	ime (sec)	30		30		
Entry Z	one ID	1		1		
Exit Zor	ne ID	2			_	
Card +	PIN Time Zone	0 - Not Active		0 - NO		
Card +	PIN Lockout Count	0				
Lock Re	elease Time Zone	0 - Not Active			Set to 2 s	second
Exit But	tton Enabled Time Zone	1 - 24 Hours Active				
Antipassback Time Zone		0 - Not Active		0 - Not Ad	tive	
Antipassback Lockout		No				
Load	Profile	[Save and Close		Save and New	Cancel
Read hint or	n Local PIN, Key Card +	PIN and HID AGK for	mat here			



THANK YOU

