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



Default EntryPass Network Parameters

Controller/control panel available: N5150, N5200 and N5400							
Default EntryPass network parameters:							
	Network Parameter	Network Value					
	IP Address	192.168.1.100					
	Subnet Mask	255.255.255.0					
	Gateway	0.0.0.0					
Server IP 192.16							
Port No.* 2020							

*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.









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



EntryPass Device Server	Manager × +							x
() 192.168.1.100/8	menu.htm	C Search	☆自		÷	Â	9	≡
ENTRYP/								
		Click 'Network' option		И	Veb@bui	ilt: EP.S	1.01.1	8.15.05
Welcome Admin Natwork	Welcome	ecurity Management System offers impressive features that rivals most international systems while						
Serial	friendly yet not co	mpetitiveness in terms of value for money. It is driven by our obsession to make it absolutely user ompromising on the performance and reliability.						
Firmware Upload	Powered by the E cost effective an integrated securi touring.	ntrypass Team, it has been designed as a scalable system that will grow with your business. It is very d can be applied to all applications from a simple door access requirement to a fully functional and sy system such as incorporating vehicle access, lift access, intrusion monitoring and even guard						
Apply Settings	Hardware In	ormation						
Apply Default Settings	Serial Number	1112RDKB001A-0116						
Reset Device	Firmware Version	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.						



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



EntryPass Device Server Ma	anager × +						X
(i) 192.168.1.100			C Q Search	☆ 自 ♥	+ -		≡
ENTRYPA	SS				Web@buil	:: EP.S1.04	4.10.14.11
Welcome	Network Setting						
Admin Network	Network Setting	Dynamic DNS Setting					
Serial	Setting	Value	1. Enter IP address, Subnet				
Upload	IP Address	192.168.1.100	Mask, Gateway IP and Server				
	Subnet Mask	255.255.255.0	IP respectively				
Apply Settings Apply Default	Gateway IP Address	0.0.0.0					
Settings	Server IP Address	192.168.1.254					
Reset Device Sign Out	Port Number / Listen Port	2020					
	Ethernet Speed						
	Save changes	2. Click 'Sav	e Charges' button				
		Copyright © 2016 EntryPe	ass Corp. (M) SDN. BHD. All rights reserved.				

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



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() 192.168.1.100					C	Q , Search	☆ 自		÷	俞	> ≡
ENTRYP	ASS							И	Veb@bui	lt: EP.S1	.04.10.14.11
Welcome	Changes saved. Please cl	ick "Apply Settings" for changes	to take eff	ect.							
Admin Network	Network Setting										
Serial	Network Setting	Click 'Apply Set	tings'	button to							
Firmware Upload	Settin	apply setting	to co	ntroller							
	1P Address	192.168.1.100									
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									
	Ethernet Speed	◉ 100Mbps [©] 10Mbps									
	Save changes										
		Copyright © 2016	5 EntryPass	Corp. (M) SDN. BHD.	All rights re	served.					



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(192.168.1.100				C Search		☆│自		÷	⋒	Q	≡
ENTRYPA	95							Web⊜bu	vit.: EP:	51.64.	10.14.1
Welcome	Changes saved. Please c	ick "Apply Settings" for cha	nges to take effect.								
Admin Network	Network Setting										
Serial	Network Setting	Dynamic DNS	Please confirm action: <apply setti<="" td=""><td>NGS></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td></apply>	NGS>							
Upload	Setting	Value									
	IP Address	192.168.1.100	OK								
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									
Sign Out	Port Number / Listen Port	2020		Click 'OK' bu	utton						
	Ethernet Speed	IOOMbps O 10Mbps									
	Save changes										
							202				





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Copyright © Entrypass Corporation



EntryPass Device Server	Manager × +						
(i) 192.168.1.100		C Q Search	☆自		÷	<u>م</u>	⊃ ≡
ENTRYP/							
				И	Veb@buii	lt: EP.S1.	04.10.14.11
	New parameter setting is successfully saved.						
	Please click here to login again.						
	Copyright © 2016 EntryPass	Corp. (M) SDN. BHD. All rights reserved.					
Notes: Afte	r controller reboot, please proceed to 'A	ctive Network Controller Setup Steps'					



Firmware version 4.13 or above



EntryPass Device Server Ma	lanager × +							- 0	x
(i) 192.168.1.100/8mc	enu.htm		C Q Searc	h	☆ 自			Q	≡
ENTRYPA	SS					И	Veb@built:	EP.S1.04	. 14. 15. 04
Welcome Admin	Network Setting								
Network	Network Setting	Server Setting							
Serial	Setting	Value]						
Upload	IP Address	192.168.1.100	Enter IP	address, Subnet	Mask,				
	Subnet Mask	255.255.255.0	and Go	ateway IP respec	tively				
Apply Settings	Gateway IP Address	0.0.0.0							
Settings	Port Number / Listen Port	2020							
Reset Device Sign Out	Ethernet Speed	● 100Mbps ○ 10Mbps							
	Save changes								
		Copyright © 2016 EntryPass Co	rp. (M) SDN. BHD. All rights reserved.						



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(i) 192.168.1.100/8m	nenu.htm		C Search	☆ [à 🛡	Ŧ	î î	⊃ ≡
ENTRYPA	SS					Web@bi	ilt: EP.S.	.04.14.15.04
Welcome Admin Network	Network Setting	Server Setting						
Serial	Setting	Value						
Firmware Upload	Redundant Node	Node 1 🔻	(
	Type of DNS :	◯ HOST	1. Enter Server IP					
Apply Settings	Host Name / Static IP	192.168.1.254						
Apply Default Settings	DNS Server IP	0.0.0.0						
Reset Device	Server Active Engine Port / Send Port	2020						
Sign Out	Reset Node Setting	Reset						
	Current Active Server	Node 1 🔻						
	Save changes	2. Click 'Save Char	ges' button					
		Copyright © 2016 EntryPass Cor	p. (M) SDN. BHD. All rights reserved.					



EntryPass Device Server Ma	anager × +	-					6
(i) 192.168.1.100 /8me	enu.htm		C Q Search	☆自	9 +	⋒	5
NTRYPA	SS				Web@I	ouilt: EP	sı
ome n vork I	Changes saved Place click "Ap Network Set Network Set	oply Settings' button setting to controller	to				
ware ad	·····g	Value					
	IP Address	192.168.1.100					
y Settings	Subnet Mask	255.255.255.0					
y Default Ings	Gateway IP Address	0.0.0.0					
t Device	Port Number / Listen Port	2020					
Out	Ethernet Speed	● 100Mbps ○ 10Mbps					
	Save changes						
		Copyright © 2016 EntryPass Co	rp. (M) SDN. BHD. All rights reserved.				



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(i) 192.168.1.100/8r	nenu.htm			C Q S	earch	☆自	+	A	Q	≡
ENTRYP	55						Vəb@bu	it: EP S	1.64.3	4.15.1
Welcome	Changes saved. Please click "A	pply Settings" for changes to	take effect.							
Admin Network	Network Setting									
Serial	Network Setting	Serve	e confirm action: <apply setting<="" td=""><td>S></td><td></td><td></td><td></td><td></td><td></td><td></td></apply>	S>						
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 ○ 10Mbps		С	lick 'OK' button					
	Save changes									





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EntryPass Device Server Manag	a × +						x
(i) 192.168.1.100/8menu.h	tm	C ^e Q. Search	☆ 自	ŧ	⋒	Q	≡
ENTRYPAS							
							4.15.04
	lew parameter setting is successfully saved.						
P	ease click here to login again.						
	Copyright © 2016 EntryPase	s Corp. (M) SDN. BHD. All rights reserved.					

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



Active Network Controller Setup Steps



ENTRYPASS PLATFORM1 SE	RVER [Standard Edition]	• •
Online Transaction Device List 1/0 List G	Guard Tour Floor Plan Roll Call Location Advanced TA Dynamic Triggering Control Panel	
System 😵		
Company 🛞		
Lift 🛞	Batch Cape Invent Chaff Event Chaff Event Transaction Caned/Detrieve Dealure Dealure	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 0.0.0.0 88-97-DE-01-23-E0 2020 N5200 (64Mb)	
🗔 Batch Card	Diagnosti	
🔩 Import Staff		
🍇 Export Staff		
Section Export Transaction		
🙀 Send/Retrieve		
🛃 Backup		
🥪 Restore		
eport Report		
Password	۲	
Diagnostic	New controller found: 1	
💐 Client Status	<u>R</u> efresh <u>Configure</u> Configure Later	
ссту		
		I
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 Fou	nd			_	
List of new control	lers 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	
		III			F
New controller fo	und: 1				
		Be	fresh <u>C</u> onf	igure	Configure <u>L</u> ater









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 	Login		3
ENTRYPAS	S PLATFOR	M1 SERVE	R
<u>L</u> ogin name:	EntryPass		
Password:	*******		
	Login	Cancel	
			Version 3.11b.11.02
Default: Login name	: Entry	/Pass	

: EntryPass

Password



System Miscellaneous	Controller	Al: Act	rm User Defined Field Email Notification SMS Notification Report ive Engine Transaction Server Suprema Additional Modules PA Messaging	: g
Active Engine	=1			
Setting IP Address	:		1. Click 'Active Engine' 1	ab
Command Transactio	Receiver Por n Transmitter	t Port	44000 🗢 44001 📚	
P1 Server IP Address	:		192.168.1.254	
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 荣	
Port 5	44006	*	2. Click 'Edit' button	
			Edit	



Miscellaneous	N-MINI Ac	tive Engine Transaction Server S	iprema Add	itional Modules PA Messaging Ensure 'Active Engine address is correct	'
Setting IP Addres: Command Transactio	s Receiver Port n Transmitter Port	192.168.1.254 44000 44001	2. Er	nsure 'P1 Server' IP ad is correct	dr
IP Addres:	\$	192.168.1.254			
Port 1	44002 🚖	Port 6	44007	★	
Port 2	44003 🚖	Port 3	44008		
Port 3	44004	Port (44009	×	
Port 4	44005	Port	44010	×	
Port 5	44006	3. Click 'Accept' buttor	4011		



references - View				-		-	
System Miscellaneous	Controller A	larm User D ctive Engine Tr	efined Field ansaction Server	Email Noti	fication ma Additi	SMS Notificatio	on Report PA Messaging
Active Engine	e 1						
_ Setting							
IP Address	ř.	192.168.1	. 254				
Command	Receiver Port	44000 🚖					
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		
					Sonon		
					[""	Edit	Close
					L		





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 controller in the network, those controller will showing on the windows. Please choose one controller at a time to configure. Kindly refer <u>Appendix C</u> if no available controller 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		
P TH	(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)		
Y ALL			
b. Annual			
	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.



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 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>Next</u> <u>Cancel</u>



Add New Controller Wizard for [1	2.168.1.100 : 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 *
	Door Name* Description Select controller profile
	Description In and Out Reader 2 Doors Reader Setting In and Out Reader In and Out Barrier 2 Turnstiles Description
	Reader 2 Name * In and Out Turnstile Advanced Setting
	Field with * is compulsory and must be filled in. To continue, click Next.
	<u>Back</u> <u>N</u> ext <u>Cancel</u>


Please fill up some basic information about this controller. These information will be used to identify this controller. General Setting Controller Name, door n In and Out Reader Pleader Setting Reader 1 Name ¹ Reader 1 Name ² Reader 2 Norrow Reader 1 Name ² Reader 2 Norrow Reader 1 Name ² Reader 1 Name ² Reader 2 Norrow Reader 1 Name ² Reader 2 Norrow Reader 1 Name ² Reader 1 Name ² Reader 2 Norrow Reader 2 Norrow Reader 1 Name ² Reader 2 Norrow Reader 1 Name ² Reader 2 Norrow Reader 2 Norrow Reader 1 Name ² Reader 2 Norrow Reader 1 Name ² <th>Add New Controller Wizard for [192.168.1.100 : 88-97-DF-01-23-F0]</th>	Add New Controller Wizard for [192.168.1.100 : 88-97-DF-01-23-F0]
1. Enter controller name, door name and description In and Out Reader Image: Setting Reader Setting Reader 1 Name * Main Door In Reader 2 M Main Door Out Description Main Door Out 2. Enter reader name and description ed Setting ed Setting ed Setting action of the setting	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
Reader 1 Name Reader 1 Name Reader 1 Name Main Door In Description Main Door Out Description All Description All Description Statement All Description Statement All Description Statement Statement Baseription Statement<	1. Enter controller name, door name and description
2. Enter reader name and description ed Setting e AES Encryption 3. Click 'Next' button Field with * is compulsory and must be filled in. To continue, click Next.	Reader Setting Reader 1 Name * Main Door In Description Main Door In Reader 2 Note Main Door Out Description Main Door Out
3. Click 'Next' button	2. Enter reader name and description
<u>Back</u> <u>Next</u> <u>Cancel</u>	3. Click 'Next' button 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] setting retrieved from the controller. tting 192.168.1.100 2020 255.255.255.0 192.168.1.1 setting that you wish to send to the controller. 192.168.1.100 192.255.255.0 192.168.1.100 192.168.1.1	1. Ensure 'Current Controller Setting for the following fields: • Controller Address • Subnet Mask • Gateway Same as 'New Controller Setting'
Field with	2. Click 'Next' button	Back Next Cancel

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 [1	192.168.1.100 : 88-97-DF-(01-23-F0]	
	Please fill up the new setting	g that you wish to send to the controller.	
	Database Storage Cardholder capacity	30000 🔶	<u>G</u> et Min and Max
	Transaction capacity	80000 📥	<u>S</u> et default
	NOTE: When Cardholder from controller.	or Transaction capacity is changed for the first time, syst	em will need to get the memory structure
Ath			
		Click 'Next' button	
	To continue, click Next.		
		Back	

Notes: This setup screen only available for the following controllers model: \$3200, \$3400, 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>Cancel</u>





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).



ENTRA	PASS	PLATFORM1 SERV	ER [Standard	Edition]									📟 🥯 📕
Online Trans	Z action De	vice List 70 List Course		Click	'Device List	' tab	rel	-	-	-	NOTIFICATION		
												Docke	d 📃
Contro	ler 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
Main D	oor	Main Door	Up				Disarm		<u> </u>	<u> </u>			
				Main Door	Main Door	Door Closed	Lock		No Tamper	No Tamper	No Tamper	🔘 No Tamper	
Host Name:	Tan-PC	II	P Address: 192.1	<u>*</u>	System User: Entr	vPass	Date/Time	:: Tue, 12 Apr 201	6 14:53:55				4

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



Serial (RS232/RS485) Controller Setup Steps







Uiew Connection	COMPANY NEWSFER From	State of Concession, name		
Add (F2) Edit (F4	l) Delete (F6) R	lefresh (F5)	Print (F7) Close	
Name Descript.	1	Туре	Comm Port/IP Address/Host Name	
		Click 'A	.dd' button	
Total: 0				





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



Add (F2) Edit (F4) Delete (F6) Refresh (F5) Print (F7) Close Name Description Type Comm Port/IP Address/Host Name Comport Comport Serial Comm 6 Click 'Close' button
Name Description Type Comm Port/IP Address/Host Name Comport Comport Serial Comm 6 Click 'Close' button
Comport Comport Serial Comm 6 Click 'Close' button
Total: 1







View Controller	CO Contract Man		
Add (F2) Edit (F4) Delete	(F6) Refresh (F5) Print (F	7) Close	
Name Description	Address	Model	Location
	Click 'Add' but	ton	
Total: 0			
Command			







Controller - Add	_	
Name Back Door]
Description Back Door		1. Enter controller name and
Model S3200	•] description
Address 255 . 255 . 25	5.1	
Fingerprint Even	nt Relay Setting A por Setting Reader	Advanced Setting 2. Enter controller unit address
Connection	Undefined	
Suspend Polling	No No	
Global Antipassback Gro	up <u>Undefined</u>	3. Click 'Undefined' option
Antipassback/Card+PIN	Reset 📃 No	Antipassback/Card+PIN Reset Time
Admin/Local Pin Reset	📝 Yes	Admin/Local Pin Reset Time
Cross board Interlock Gro	oup <u>Undefined</u>	Enabled Interlock 📃 No
Hint: Cross board Interl	ock only supported to	o 1 controller
Load Profile		Save and Close Save and New Cancel
Head hint on Local PIN, Key	Larg + PIN and HID AGK	N 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)







Controller - Edit	
Name Description Model	3ack Door 3ack Door \$3200
Address Fingerprir Controller S	255 . 255 . 255 . 1 t Event Relay Setting Advanced Setting Available Wiegand Group Feature Checklist etting Door Setting Reader Alarm Setting Input Point Setting Output Relay Zone Setting
Connectio Suspend F Global Ani	Comm Port - Comm Port 'olling No passback Group Undefined
Antipassb Admin/Lo Cross boa	ck/Card+PIN Reset No Antipassback/Card+PIN Reset Time
	Click 'Load Profile' button
Hint: Cross	board Interlock only second to 1 controller
Load F <u>Read hint on l</u>	rofile Accept Cancel ocal 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 \$3200 Address 255.255.255.1 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 Suspend Polling Global Antipassba Antipassback/Car Admin/Local Pin F Cross board Interlock Group Undefined Enabled Interlock
Select controller profile
Hint: Cross 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



Name Back Door	
Description Back Door	
Model Coppo	
53200	
Address 255 . 255 . 255 . 1	1. Click 'Door Setting' tab
Fingerprint Event Bela Controller Setting Door Sett	w Setting Available Wiegand Group Feature Checklist ting 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	<u>0 - Not Active</u>
Card + PIN Lockout Count	0
Lock Release Time Zone	<u>0 - Not Active</u>
Exit Button Enabled Time Zone	I - 24 Hours Active
Antipassback Time Zone	0 - Not Active
Antipassback Lockout	T No.
Hint: Interlock selectable by	door only applicable on Phase 4 or above.
	Save and Close Save and New Cancel
Load Profile	



ame Back Door			
escription Back Door			
Aodel 53200	-		
00200			
Fingerprint Event Rel	ay Setting Advanced S	Setting Avai	1. Click 'Reader' tab Iable Wiegand Group Feature Checklist Dutput Belay 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	and
In/Out	⊙In Out	OIn ⊙Out	
Bind to Door	1 - Door 1	1 - Door 1	
HID AGK	N/A	N/A	2. Enter reader name and
Wiegand Option	⊖Single ⊙Multiple	Single	description
Wiegand Format	Wiegand 26-bits	Wiegand 2	
Wiegand Group	N/A	N/A	
Wiegand Group(s) Selection	[Wiegand 26-bits,Wiegand	32-bi [Wiegand 26-ł	pits,Wiegand 32-bi
Activated Time Zone	1 - 24 Hours Active	1 - 24 Hours A	<u>Active</u>
Enable Access Limit	No	No	



lame Back Door		
escription Back Door		
153200	<u> </u>	
ddress 255 . 255 . 255	. 1	
Fingerprint Event	Relay Setting Advanced S or Setting Reader Alarm S	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) Select	ion Wiegand 26-bits.Wiegand 3	3. Viegand 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	
Use Loop Detector		No
Bypass Access Limit		No
Use Built-in Tamper		
Lockdown during Tamper	ed	· · · · · · · · · · · · · · · · · · ·

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



troller - Add			
Name Back Door			
Description Back Door			
Madel Lassa			
S3200	_		
Address 255 . 255 . 25	5.1		
Fingerprint Even	nt Relay Setting Advanced por Setting Reader Alarr	ISetting Available Wiegand Group Feature Checklist n Setting Input Point Setting Output Relay Zone Setting	g
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 Multiple	
Wiegand Format	Wiegand 26-bits	Wiegand 26-bits	
Wiegand Group	N/A	N/A	
Wiegand Group(s) Sele	ction [Wiegand 26-bits,Wiegand	1 32-bi [Wiege Click 'Save and Close' butto	n
Activated Time Zone	1 - 24 Hours Active	1-24 CIICK SUVE UND CIOSE DUITO	11
Enable Access Limit	No	No	-
Load Profile	9	ave and Close Save and New Cancel	
Read hint on Local PIN, Key	Card + PIN and HID AGK format h	<u>ere</u>	

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	AL ACTION	CONTRACTOR OF	Constant of the			
Add (F2)	Edit (F4)	Delete (F6)	Refresh (F	5) Print (F7)	Close	
Name	Descrip	otion	Δ	Address	Model	Low
Back Door	Back Do	oor	2	55.255.255.1	S3200	Comm P.
						Click 'Close' button
Total: 1 Command	1				1.5	



ENTIRY PASS	PLATFORM1 SERVER	R [Standard E	dition]									iiii 🤐 🐖
Online Transaction	vice List		Click	'Device List'	tab	nel	_	_	_	NOTIFICATION	ALARM	
											Docked	i 🛄
Controller Name	Controller Description	Status	Door/Point Name	Door/Point Description	State	Lock/Arm/Keyswitch	Control Mode	Re	ader 1	Re	ader 2	
							-	Status	Mode	Status	Mode	Status
Back Door	Back Door	Up				Disarm						
			Back Door	Back Door	Door Closed	E Lock		No Tamper	No Tamper	O No Tamper	No Tamper	
			A					····· ▲				
Host Name: Tan-PC	IP A	ddress: 192.168	3.1.254	System User: Entry	Pass	Date/Time	: Wed, 13 Apr 20	16 10:26:29				

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



APPENDIX



Appendix A: Network Cable Connection



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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 **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.



0

Appendix D: Wiegand Group Selection

lame	CTRL 3200			
Description				
lodel	53200	1.4		
Address	255.255.255.1			
	sttina Findera	rint Event Relay Set		
	er Setting Doo	r Setting Reader	Alarm Setting Input Point Setting Outp	ut Relay
Parame	iters	Reader 1		14
Name		IN	Wiegand 26-bits	
Descrip	ton		🗵 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	d Option	⊖Single ⊚Multiple		
Wiegan	id Format			
Wiegan	nd Group	N/A		
Wiegan	d Group(s) Selection	[Wiegand 26-bits,Wiegand	32- / [Wiegand 26-bits,Wiegand 32-bi	
Activat	ed Time Zone	1 - 24 Hours Active	1 - 24 Hours Active	
Enable	Anness Limit	[] No	E No.	



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
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. Suspend Polling Global Antipassba Antipassback/Car Antipassback/Car 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

August - Aug						
Name Car Barr	ier					
Description Car Barr	ier					
Model N5200		-				
Address 192.10	68.1.102					
						1
Uutput Helay	N	etwork Setting	Port Forwadin	g ∠one Settin		Ingerprint
Controller Settin	ig	Car Park Setting	Reader	Alarm Setting	Input Po	int Setting
Parameters		Barrier 1		Barrier 2		<u> </u>
Name		Entry Barrier		Exit Barrier		
Description		Entry Barrier		Exit Barrier		
Lock release time	e (sec)	2		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 Locks	out Count	0		0		
Lock Release Tim	e Zone	0 - Not Active		<u>•-</u>	t to 2 sec	ond
Exit Button Enab	led Time Zone	1 - 24 Hours Active		1-		
Antipassback Tim	e Zone	0 - Not Active		0 - Not Active		
Antinassback Loc	kout	No		No		· ·
Load Profile			Save and Close	Save and New		Cancel
Read hint on Local PI	N, Key Card +	PIN and HID AGK forma	at here			



Appendix F: Suprema Setting

Step 1. Preference \rightarrow Suprema \rightarrow Reader Type

System Controller	Alarm User Defined Field Email Notification SMS Notification F INI Active Engine Transaction Server Suprema Additional Mo
iniscolaricous in ini	Additional Additi
Administartor	
Administrator User ID 1	1 (Pre-served for all Fingerprint Reader usage)
Administrator Fingerprint(s)	2]
Parameters	Enrolled
Template 01	No
Template 02	No
	Enroll Delete
Reader Type	
Template On Card (Mill)	lifare Only) 💿 Proximity (10D, Wiegand 26-bits) 💿 CSN (10D, Wiegand 32-bits, Mifare Or
Netes To obor	as (Deader Type), eard database must be empty
Notes: To chang	ge 'Reader Type', card database must be empty
Notes: To chang	ge 'Reader Type', card database must be empty
Notes: To chane	ige 'Reader Type', card database must be empty
Notes: To chang	ige 'Reader Type', card database must be empty
Notes: To chan	nge 'Reader Type', card database must be empty



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
Combolles Colling Deer Colling Deerles Alarm Colling Insta Deith Colling Outer & Deley Maharada Colling
Controller Setting Door Setting Reader Alarm Setting Input Point Setting Output Relay Network Setting 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 Nicoon			
INS200			
Address 192.168.1.10	0		
Port Forwading Zone Settir	ng Fingerprint Event Relay	Setting Advanced Setting	Available Wiegand Group
Controller Setting Door Sett	ing Reader Alarm Setting	Input Point Setting Outpu	t Relay Network Setting
Parameters	Reader 1	Reader 2	
Name	B1	R2	
Description			
Reader Type	Standard Wiegand	Standard Wiegand	
In/Out	Standard Wiegand	OIn ⊙Out	
Bind to Door	HID Integrated Keypad Rosslare Integrated Keypad	1 - MAIN DOOR	
HID AGK	Suprema	N/A	
Wiegand Option	_HID Proximity Single Multiple	Single Multiple	
Wiegand Format	Wiegand 26-bits	Wiegand 26-bits	
Wiegand Group	N/A	N/A	
Wiegand Group(s) Selection	[Wiegand 26-bits,Wiegand 32-bit	[Wiegand 26-bits,Wiegand 32-bi	
Activated Time Zone	1 - 24 Hours Active	1 - 24 Hours Active	
Enable Access Limit		No	T
Load Profile		Accept	Cancel
		Accept	Cancer



Appendix G: Enroll Fingerprint

Pers	sonal Data Card Data User Defined Field TA User Login Fingerprint	
	Operation Mode: Finger Only	
	Enrollment Quality Acceptance: 80	
	Parameters Enrolled	
	Template 02 No	
	1. Select template '01'	
	Enroll Delete	
	2. Click 'Enroll' button	
۱	Notes: Please enter card number under 'Card Data' even you're Jsing 'Fingerprint' only	



Appendix H: L3800 Controller Wiegand Format Setting

lame LIFT CAR	LIFT CAR				
Iodal Lanca					
	–				
ddress 255 . 255 . 255 . 1					
Controller Setting Sub Lift Fing	gerprint Lift Reader				
Parameters	Reader 1	Reader 2	Reader 3		
Enable	Ves Yes	No	No		
Name					
Description					
Reader Type	Standard Wiegand	Standard Wiegand	Standard Wiegand		
Wiegand Option	Single OMUltiple	Single OMUltiple	Single Multiple		
Wiegand Format	Wiegand 26-bits	✓ Wiegand 26-bits	Wiegand 26-bits		
Wiegand Group	Wiegand 26-bits Wiegand 32-bits	N/A	N/A		
Wiegand Group(s) Selection	Wiegand 34-bits				
Activated Time Zone	Wiegand 35-bits Wiegand 37-bits Custom	<u>1 - 24 Hours Active</u>	<u>1 - 24 Hours Active</u>		
•			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

ontroller - 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 Reader Alarm Setting Input Point Setting Output Relay Network Setting Port Fortwading Current Port No. Suspend Polling Profile: In and Out Reader In and Out Reader Global Antipassba Antipassba Antipassba In and Out Turnstile Antipassback/Car In and Out Turnstile Interlock
2. Select controller profile
Hint: ss board Interlock only supported to 1 controller
Load Profile Save and Close Save and New Cancel Bead hint on Local PIN, Key Card + PIN and HID AGK format here Cancel Cancel </td

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Appendix I: Turnstile Setting

Step 2. Lock release time: 2 seconds

Name Turnstile Gate	Turnstile Gate							
Description Turnstile Gate								
Medel .	·							
N5200		-						
Address 192 . 168 .	1.102	2						
		E.						
Output Relay N		letwork Setting Port Forward		ng Zone Setting		- F	Fingerprint	
Event Relay Setting		Advanced Setting Ava		iable Wiegand Group Featu		Feature	Checklist	
Controller Setting		i umsule setung	Reader	Ala	arm Setting	Input Po	int Setting	
Parameters		Turnstile 1		Turnstile 2			<u>^</u>	
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 - NO				
Card + PIN Lockout Count		0						
Lock Release Time Zone		<u>0 - Not Active</u>		Set to 2 second				
Exit Button Enabled Time Zone		<u>1 - 24 Hours Active</u>						
Antipassback Time Zon	Antipassback Time Zone		<u>0 - Not Active</u>		0 - Not Active			
Antinasshack Lockout		No		T No.				

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THANK YOU

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