







## Keri Plus2 – 2-door Access Control Expansion Pack

Step 3 – Scenario 2 - There is a switch present and there are  $\underline{no}$  available ports on it.

Disconnect one KPC-1 that is already installed from one of the existing NXT-2Ds or NXT-4Ds and plug it into the new switch to make a network connection to the new switch. Keep the other end plugged into the existing switch.



From the new switch, use the two new KPC-1s to make connections to the controller whom which the other KPC-1 was removed and new controller that is being installed.



Step 3 – Scenario 3 – There is no switch present.

Disconnect the KPC-1 from the existing NXT-2D or NXT-4D.





Plug the end of that KPC-1 that was disconnected into any port on the new switch and plug the new KPC-1 into any other port on the new switch.









Step 6 – Configure the NXT-RM3s according to the quick start guide and hood up the readers. Individual details are not provided here because the NXT-RM3s are capable of interfacing to various forms of Wiegand interface devices as well as Keri MS series readers.









## Step 9 – Auto Configuration

Start the Administrative Client Application.

Autoconfig queries the local subnets for each NXT Gateway and returns a list of NXT Controllers found on the network.

**Note:** The DoorsNXTProxy.exe service must be allowed to communicate through any firewall installed on the computer running the NXT Gateway service. The DoorsNXTProxy Service is automatically added to the list of exceptions in the Windows Firewall during installation, however if another firewall is being used, it may prevent Autoconfig from finding the controllers on the Local LAN. The following Port numbers are used for Doors.NET communication and should be allowed to pass through a firewall – UDP 11434&11435, TCP 10020, 10030, 11000-11015 &11435.

o Click on the Setup tab and then on the Hardware Setup button in the Hardware Toolbar.



• In the Hardware Setup tab, click on the All tab and then select the NXT Gateway. The Auto Config icon will appear in the tool bar. Click on the Auto Config button.

C	2		- 6				Hardware Browser
0	9	Home	Setup	Reports	Tools	View	Hardware Browser
		20					
R	emove	Firmware Upgrade	Update Network	Auto Config	Add ANXT 2D NX	Add T 4D	
		Selected Ite	ms	R	NXT Series		
Dis	Har	dware Setup	AutoCon	iguration R	esults		
play (		9 stool	Inputs 🛛 🤪 I	Dutputs	🏴 Panels 🔡	🛃 All	
Colors		🐑 NXT G	ateway				
		525 30 3 0 30 30 30					



## Keri Plus2 – 2-door Access Control Expansion Pack

 The AutoConfigurationResults Tab will be displayed. Progress of the Auto Configuration will be shown in the Status Messages section. Detected controllers will appear in the Available Controllers section.

		Hardware Browser		Doors .Net		- 1
Home Setup Rep	ports Tools '	view Hardware Browser				
dware Synchronize Clocks	Filters Operators	Application Connection	s Diagnostics System Options			
Hardware Event N	Aonitoring Per	missions Dia	gnostics System			
Hardware Setup AutoConfigura	tion Results					
Apply Select All	Click Apply to save your	ess is automatically ted and assigned to the controller	Available Controllers	Ending IP address	ussign	
2 1 1 1 1						
Drag a column header here t	o group by that column	12				
習 Take Ownership	MAC Address	Description	IP Address	Already Assigned	Controller Type	Reset
			L.	- 🛛 🔲		
	00-14-34-00-05-35		169.254.117.135		NXT 4D	
	00-14-34-00-05-35		169.254.117.135 Status Messages		NXT 4D	
Drag a column header here t	00-14-34-00-05-35		169.254.117.135 Status Messages		N×T 4D	
Drag a column header here t	00-14-34-00-05-35	A.	159 169.254.117.135 Status Messages		ANXT 4D	
Drag a column header here t	00-14-34-00-05-35	Message	Tes 169.254.117.135 Status Messages	V Detail	NXT 4D	
Drag a column header here t	00-14-34-00-05-35	Message	Tessas complete		A NXT 4D	
Drag a column header here t	© 00-14-34-00-05-35 or group by that column ∇ Status ©	Message	Tesses complete		NXT 4D	controllers to
	© 00-14-34-00-05-35 to group by that column ∇ Status 0 1 1 1 1 1 1 1 1 1 1 1 1 1	Message Scanning for unused IP add AutoCrinig Diagnostics	Tesses complete		NXT 4D	controllers to
Image: Book of the second s	© 00-14-34-00-05-35 o group by that column ∇ Status ↓ ↓ ↓	Message Scanning for unused IP add AutoConfig Diagnostics Find controllers Complete AutoConfin Diagnostics	Issues complete		NXT 4D	controllers to.
Image a column header here t           Image a column here t <td>o group by that column Status</td> <td>Message Scanning for unused IP add AutoConfig Diagnostics Find controllers Complete AutoConfig Diagnostics Scanning for unused IP add</td> <td>Tesses complete</td> <td></td> <td>Ollers(): sending list of found ers() return code = 0 ass(res)</td> <td>controllers to.</td>	o group by that column Status	Message Scanning for unused IP add AutoConfig Diagnostics Find controllers Complete AutoConfig Diagnostics Scanning for unused IP add	Tesses complete		Ollers(): sending list of found ers() return code = 0 ass(res)	controllers to.
Z     Z    Z	00-14-34-00-05-35 00-14-34-00-05-35 0 group by that column ∇ Status 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Message Scanning for unused IP add AutoConfig Diagnostics Find controllers Complete AutoConfig Diagnostics Scanning for unused IP add Forund controller	Tesses		allers(): sending list of found ers() return code = 0 ess(es) 0.0.0.0	controllers to.
Image: Control of the sector of th	© 00-14-34-00-05-35 0 group by that column ∇ Status 0 1 1 1 1 1 1 1 1 1 1 1 1 1	Message Scanning for unused IP add AutoConfig Diagnostics Find controllers Complete AutoConfig Diagnostics Scanning for unused IP add Found controller End controllers stated	Issa254.117.135 Status Messages Iresses complete		allers(): sending list of found ers() return code = 0 ess(es) 0.0.0.0	controllers to.
Image: Control of the second secon	© 00-14-34-00-05-35 o group by that column ∇ Status ↓ ↓ ↓ ↓ ↓ ↓	Message Scanning for unused IP add AutoConfig Diagnostics Find controllers Complete AutoConfig Diagnostics Scanning for unused IP add Found controller Find controllers started AutoConfin Diagnostics	Itesses complete		A NXT 4D allers(): sending list of found ers() return code = 0 ess(es) 0.0.0.0	controllers to.
Image a column header here t           Image a column here	■ 00-14-34-00-05-35 00 group by that column ▼ Status ■ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	Message Scanning for unused IP add AutoConfig Diagnostics Find controllers Complete AutoConfig Diagnostics Scanning for unused IP add Found controller Find controllers started AutoConfig Diagnostics AutoConfig Diagnostics	I69.254.117.135 Status Messages Iresses complete		A NXT 4D Silers(): sending list of found ers() return code = 0 ess(es) 0.0.0.0 NXTControllers(ServerID=210)	controllers to
Image a column header here t           Image a column here t <td>© 00-14-34-00-05-35 00 group by that column ∇ Status 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1</td> <td>Message Scanning for unused IP add AutoConfig Diagnostics Find controllers Complete AutoConfig Diagnostics Scanning for unused IP add Found controller Find controller Find controllers stated AutoConfig Diagnostics AutoConfig Diagnostics</td> <td>Tesses complete</td> <td></td> <td>INXT 4D  Illers(): sending list of found ers() return code = 0  ss(es) 0.0.0.0  NXTControllers(Server(D=210) utoConfig. accepted thread</td> <td>controllers to.</td>	© 00-14-34-00-05-35 00 group by that column ∇ Status 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Message Scanning for unused IP add AutoConfig Diagnostics Find controllers Complete AutoConfig Diagnostics Scanning for unused IP add Found controller Find controller Find controllers stated AutoConfig Diagnostics AutoConfig Diagnostics	Tesses complete		INXT 4D  Illers(): sending list of found ers() return code = 0  ss(es) 0.0.0.0  NXTControllers(Server(D=210) utoConfig. accepted thread	controllers to.

 Click Apply and then click Yes (in the dialog that appears) to continue the Auto Configuration Process.

Doors .N	let 🛛 🔀
?	You have selected 1 controllers. Proceed with AutoConfiguration?
	Yes No

• Auto Configuration will next assign the IP Address to the controller and update the controller's settings. Once complete, AutoConfig Complete will display in the Status Messages.

			Status Messages	
Drag	g a column header here to g	roup by that colum	n.	
đ	Timestamp (Server)		Message	Detail
	=			
	3/8/2010 9:58:39 PM	<b>i</b>	AutoConfig Complete	
	3/8/2010 9:58:39 PM	<b>i</b>	Update network succeeded	
	3/8/2010 9:58:39 PM	Ŵ	AutoConfig Diagnostics	ReceiveMessage.StatusMessage_AutoConfigNXT: returned from Save
	3/8/2010 9:58:39 PM	Ú.	AutoConfig Diagnostics	UpdateNXTControllers() returned from NXTCommAPI.UpdateNXTContr
	3/8/2010 9:58:39 PM	Ú	AutoConfig Diagnostics	SaveAssignIPUpdateControllers() returned from UpdateNXTControllers()
	3/8/2010 9:58:29 PM	Ú.	Update network started for controllers	



## Step 10 – Firmware Upgrade

**NOTE:** When upgrading firmware, the Administrative Client must run on the computer that is running the NXT Gateway service.

- o In the Hardware Setup tab, select the All tab and then select a controller on the tree.
- Click on the Firmware Upgrade button, which will be present in the Selected Items Toolbar ribbon.

3	ŀ	🗐 👌	• 😂 ) =			
	H	lome	Setup	Reports	Tools	View
Remo	ve (	Firmware Upgrade	Update Network			
	Se	electedvite	ms	J		
₽. H	ardw	are Setup				
play 👔	Do	ors 💡 l	nputs 💡 (	Dutputs	🏴 Panels	🗶 All
Colors		)) NXT Ga 🗄 🍺 Nev	teway v NXT 4D 0			

• Select the controller or controllers that need to be updated in the Available Controllers list and then select a firmware file and click apply.

nove	e Firmware Update Upgrade Network				
	Selected Items				
Har	rdware Setup Firmware L	Ipgrade			
Se	lect Firmware File				
		Applu			
E.P.	VT u020417 kin (Cantraller	02.04.17) APPly			
- Di	AT YUZU417.DIN [CUNIQUIRE	02.04.17			
-	SEIECCAIL				
E	DERECT AIL				
	Select All	- K			
	завец Ан				
	JUICT MI			Available Cor	trollers
Dra	adieu Mil	to group by that column		Available Cor	ntrollers
Dra	agia column header here	to group by that column.	1	Available Cor	ntrollers
Dra	a column header here व्या a column header here	to group by that column. HardwareType	ControllerType	Available Cor Firmware	trollers BootLoader
Dra	g a column header here 뢴 Description 웹 교	to group by that column. HardwareType	ControllerType	Available Cor Firmware	trollers BootLoader
Dra	ag a column header here P Description ②	to group by that column. HardwareType	ControllerType	Available Cor Firmware	BootLoader
	ag a column header here Description Description B7FC1 New NXT 4D 1	to group by that column. HardwareType Controller Controller	ControllerType	Available Cor Firmware Q 02.04.17 02.04.17	BootLoader

- A progress bar will appear on the right side of the selected controller tracking the progress of the firmware upgrade.
- The Firmware Upgrade is complete once the progress bar for all selected controllers reaches 100%.