Discovery and Upgrade Tool

User Guide



Installation

The utility comes as a zip file that contains three files. Create a new folder and unzip these files into that folder. You can then create a shortcut of DiscoveryTool.exe and place it on your desktop or in the programs folders if you desire.

Using the utility

Once you launch the utility by running DiscoveryTool.exe, the following screen will be presented to you.

C Discovery and Firmware Upgrade Tool					
Starting Address Ending Address 169.254.78.1 • 169.254.78.254					
Serial N	umber IP Add	ress MAC	Address	Firmware	
			iscover	Cancel	

Set the starting and ending IP address ranges for the subnet on which you would like to find controllers, then click the Discover button. The Utility will then attempt to find every controller in that range.

Once the discovery is complete, you will get a message box telling you how many controllers were discovered. Click OK to close the message box.

	Starting Address 10.1.3.1	 Endir ▼ 10.1. 	ng Address 3.254		
62	Serial Number	IP Address	MAC Address	Firmware	£
20	15454	10.1.3.66	00:14:E4:00:3C:5E	2.176	100
	12050	10.1.3.89	00-14-E4-00-2F-12	Managed	100
	12049	10.1.3.105	00-14-E4-00-2F-11	Managed	
	17701	10.1.3.200	00:14:E4:00:45:25	2.176	
	19788	10.1.3.201	00:14:E4:00:4D:4C	2.176	100
	19863	10 1 3 202	00-14-E4-00-4D-97	2 176	
	13003	10.1.0.202	00.14.24.00.40.07	2.170	
-	1995/	10.1.2.202	00-14-E4-00-4D-E2	2.170	2.
Discovery 12 eIDC Select of	y Finished Cs discovered in one or more dev ire, and more.	10 1 2 204 13 seconds ices and right	-click to change the I	P Address, upgra	de the
liscovery 12 eIDC Select o firmwa	y Finished	10 1 2 204 13 seconds rices and right	-click to change the I	P Address, upgra	de the
12 eIDC Select o firmwa	y Finished	10 1 2 204 13 seconds rices and right	-click to change the I	P Address, upgra	de the
iscovery 12 eIDC Select c firmwa	y Finished	13 seconds	-click to change the I	P Address, upgra	de the
Viscovery 12 eIDC Select of firmwa	y Finished	10 1 2 204 13 seconds rices and right	-click to change the I	P Address, upgra	de the

To perform any actions, select one or more controllers and right click. To select multiple controllers you can either CRTL-Click or Shift-Click.

CRTL-Click – Holding the Control key down, you can individually select any number of controllers.

Shift-Click – Click on one controller, then hold the Shift key and click on another controller. All controllers in between the two selected will be chosen as well.

Once you have selected the desired controllers, right click on one of the selected ones to see a menu of choices.

e Discovery and	Firmware Upg	rade Tool		
Starting Address	Ending	Address		
10.1.3.1	▼ 10.1.3	10.1.3.254		
Serial Number	IP Address	MAC Address	Firmware	
15454	10.1.3.66	00:14:E4:00:3C:5E	2.176	
12050	10.1.3.89	00-14-E4-00-2F-12	Managed	
12049	10.1.3.105	00-14-E4-00-2F-11	Managed	
17701	10.1.3.200	00:14:E4:00:45:25	2.176	
19788	10.1.3.201	00:14:E4:00:4D:4C	2.176	
19863	10.1.3.202		2 176	
19954	10.1.3.	viodity		
19991	10.1.3.	Jpgrade Firmware		
20060	10.1.3.	Export List		
20086	10.1.3.2.10	00.14.54.00.52.42	0.170	
21410	10.1.3.213	00:14:E4:00:53:A2	2.176	
22213	10.1.3.210	00.14.24.00.30.03	2.170	
Discover Cancel				
12 eIDCs discovered in 13 seconds. Right-click on an item for options.				

Modify – To change the ip address, switch the controllers between static and dynamic IP addresses, reset or reboot the controllers.

Upgrade Firmware - This will prompt you for the location of the firmware files you wish to update the controllers with.

Export List - To save out a list of the discovered controllers, choose this option.

Modify

Selecting modify will present the following dialog

eIDCNetworkSetup					
Current					
IP Address	10.1.3.200				
Serial Number	17701				
MAC Address	00:14:E4:00:45:25				
New					
New IP Address 10.1.3.200					
Subnet Mask	255.255.0.0				
Gateway	10.1.1.1				
DHCP					
Reset Reboot					
Device Count 6 🔲 Batch					
OK Cancel					
Connected to 10.1.3.200					

From here, you can choose to do any of the following:

- 1. Change the controllers from static to dynamic IP addressing
- 2. Change the controllers from dynamic to statid IP addressing
- 3. Set the Gateway IP address
- 4. Set the Subnect mask
- 5. Soft reboot the controller
- 6. Reset the controller to factory defaults

Upgrade Firmware

This will prompt you for the location of the firmware files you wish to update the controllers with. You must have unzipped the firmware files. The dialog is expecting the XML file included with the firmware update. Once you select the firmware, the utility will automatically start updating all selected controllers with that firmware. As each controller completes, the controller will be re-queried for the firmware version and it will be displayed in the Firmware column. Any result other than seeing the new firmware version displayed indicated that the update failed and the controller needs to be re-updated.

Export List

To save out a list of the discovered controllers, choose this option.

If for some reason a controller is not discovered, try again and if it is still not found, try pinging the controller. If there is no response, re-power the controller and verify the IP address.