WR300NR trouble shootng procedure

If you are having trouble accessing the WR300NR's web based configuration page, follow the steps below:

- 1. Plug in the WR300NR to the power outlet. Make sure it is close enough for your Cat 5 Ethernet cable to reach from the WR300NR to the computer you are using to setup the WR300NR.
- 2. Reset the device to factory default. This will erase any previous configurations and sets the device back to its orignial default settings.
- 3. To reset the device you will need an object such as a paper clip as shown below:



4. With the WR300NR plugged into the socket poke the paper clip into the reset hole as shown below. Hold the reset button for at least 10 seconds.



5. Once the device is restarted plug the provided Ethernet cable into the RJ-45 port labeled LAN as shown below. Connect the other end of the Ethernet cable to the Ethernet port on your computer.



6. If using windows open up the windows control panel application as shown below.



7. Click on "View network status and task" as shown above.



9. Using your mouse right click on the "local area connection" you have the Ethernet cable plugged into and then click on "Status" as shown below:



8. Click on "Change adapter settings as shown below:

10. Click on the "Details" tab as shown below:

📱 Local Area Connectio	n Status	X
General		
Connection		
IPv4 Connectivity:		No Internet access
IPv6 Connectivity:		No Internet access
Media State:		Enabled
Duration:		00:08:32
Speed:		100.0 Mbps
Details		
Activity		
	Sent —	Received
Bytes:	66,994	52,919
Properties	😽 Disable	Diagnose
		Close

 Notice the IPv4 Address, this is the DHCP address given to the computer from the WR300NR. Note: The IP address you received may differ but the first should be the same as below: 192.168.10.X where x is the number that may vary.

N	etwork Connection Deta	ils
	Network Connection Details:	
	Property	Value
	Connection-specific DN Description Physical Address DHCP Enabled IPv4 Address IPv4 Subnet Mask Lease Obtained Lease Expires IPv4 Default Gateway IPv4 DHCP Server	Wireless-N Marvell Yukon 88E8040 Family PCI-E Fas 00-24-54-C6-AA-43 Yes 192.168.10.100 255.255.255.0 Friday, March 28, 2014 9:03:36 AM Friday, March 28, 2014 5:03:36 PM 192.168.10.253 192.168.10.253
	IPv4 DNS Server IPv4 WINS Server	192.168.10.253
	NetBIOS over Tcpip En Link-local IPv6 Address IPv6 Default Gateway IPv6 DNS Server	Yes fe80::6812:37b8:b3fb:2a4f%11
	•	4
		Close

12. If the numbers you received are 0.0.0.0 or 169.x.x.x and or any other numbers not with in the same range as 192.168.10.X, click on the "Properties" tab as shown below:

Local Area Connection Status	X
General	
Connection	
IPv4 Connectivity:	No Internet access
IPv6 Connectivity:	No Internet access
Media State:	Enabled
Duration:	00:10:46
Speed:	100.0 Mbps
Details	
Activity	
Sent —	– Received
Bytes: 79,16	62,454
Properties 😵 Disable	Diagnose
	Close

13. High light "Internet Protocol Version 4 (TCP/IPv4) as shown below and then click on "Properties"

Local Area Connection Properties
Networking Sharing
Connect using:
Marvell Yukon 88E8040 Family PCI-E Fast Ethemet Contro
Configure
This connection uses the following items:
Client for Microsoft Networks
🗹 🚚 QoS Packet Scheduler
✓ ➡ File and Printer Sharing for Microsoft Networks
Internet Protocol Version 6 (TCP/IPv6)
Internet Protocol Version 4 (TCP/IPv4)
Link-Layer Topology Discovery Mapper I/O Driver
🗹 🔟 Link-Layer Topology Discovery Responder
Install Uninstall Properties
Description
Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks.
OK Cancel

14. Make sure your settings for Obtain an IP address are set to automatically as well as the DNS as shown below:

Internet Protocol Version 4 (TCP/IPv4) Pro	perties				? X	
General Alternate Configuration						
You can get IP settings assigned auton this capability. Otherwise, you need to for the appropriate IP settings.	You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.					
Obtain an IP address automatically	2					
Use the following IP address:						
IP address:						
Subnet mask:			1.1			
Default gateway:						
Obtain DNS server address automa	atically					
Use the following DNS server addr	esses:					
Preferred DNS server:						
Alternate DNS server:						
🗌 Validate settings upon exit				Advan	ced	
	C	O	<		Cancel	

15. Open up your web browser and type in the following IP address to access the WR300NR web configuration page

Firefox Wireless AP Webserver	+		☆ マ C
		WIRELESS-N MINI ROUTER 802.11 B/G/N	

16. You should get a user name password dialog box as shown below:

Authentication I	Required
?	A username and password are being requested by http://192.168.10.253. The site says: "."
User Name:	
Password:	
	OK Cancel

Note: The user name and password are both admin

17. Click on the "Wizard" tab as shown below:

200

ľ		WIRELESS-N MINI ROI 802.11 B/G/N	UTER
		Current Mode: Router	
	Wizard	⊂ Svstem	
	Network		
	Wireless	Uptime	0day:0h:31m:44s
	Wireless	Ruid Time	MR2.32.11.0104
	Firewall	Build Time	Fili Jail 4 14.25.55 C31 2015
	Advanced	Wireless Network	
	Management	Mode	AP
	Hanagement	Band	2.4 GHz (B+G+N)
	Status	SSID	Wireless-N
		Channel Number	2
		Encryption	Disabled
	Refresh	BSSID	80:3f:5d:83:33:5b
		Associated Clients	0
		Lan Status	
	English	Attain IP Protocol	Fixed IP
		IP Address	192.168.10.253
		Subnet Mask	255.255.255.0
		Default Gateway	192.168.10.253
		DHCP Server	Enable
		MAC Address	80:3f:5d:83:33:5b
		-Wan Status	
		Attain IP Protocol	Getting IP from DHCP server
		IP Address	0.0.0.0
		Subnet Mask	0.0.0.0
		Default Gateway	0.0.0.0
		MAC Address	80:3f:5d:83:33:5c

- 18. You will now see the following screen. Choose the function you want to use.
 - a. AP for access point
 - b. Router, if you are using the device as your main router from your DSL/Cable Modem
 - c. Repeater, if you want to repeat/extend your existing wireless network signals
 - d. Bridge, if you want to bridge one wireless network to another wireless network
 - e. Client, if you want to convert wireless signal to wired Ethernet

DIAMOND	WIRELESS-N MINI ROU 802.11 B/G/N	JTER
Wizard	Wizard	
Network Wireless Firewall Advanced Management Status	Operation Mode AP : Router : User-PC (for white User-PC (for white User-PC (for white Wirel In this mode, the wired inter connect to the router via w recommended that computer obtain.	Access Point mode Wireless router mode Most Modem Internet Most Modem Internet rface as the WAN port to use, computers can only ireless. This mode, the DHCP server enabled by default, r's IP address and DNS address set to automatically
Refresh	Repeater : Bridge :	Repeater mode Bridae Mode
English 🔹	Client :	Client Mode

19. If for any reason you could not access the WR300NR configuration page go back to step 14 and specify an IP address, Subnet mask and Default gateway as shown below:

Internet Protocol Version 4 (TCP/IPv4) Pro	perties ? X
General	
You can get IP settings assigned auton this capability. Otherwise, you need to for the appropriate IP settings.	natically if your network supports ask your network administrator
Obtain an IP address automatically	
Our Use the following IP address:	
IP address:	192.168.10.100
Subnet mask:	255.255.255.0
Default gateway:	192.168.10.253
Obtain DNS server address automa	atically
Ose the following DNS server addr	esses:
Preferred DNS server:	
Alternate DNS server:	· · ·
🔲 Validate settings upon exit	Advanced
	OK Cancel

- 20. After specifying an IP address, go to back to step 15.
- 21. If you still cannot access the configuration page you can make sure the hard ware is setup correctly by following these steps.
- 22. Click on the windows start tab. Type in CMD in the search field as shown below:

Programs (1)	me3d	ICREO to TV
Cmd		
Documents (1)	1	-
WL580E user manual source(1)		
Videos (1)	aylink	passpl
WL580E user manual source(1)	port	
Microsoft Outlook (18)		
会 RE: ASO - Best Data - Aztech WL580E [Diamond WR600NSI] Us 聲 WR600NSI User Guide.doc (RE: ASO - Best Data - Aztech WL58 ○ EW: 同复: 柱房 - EW: 1 A TXMP/FE new driver		
第 X50758Driver.zip (特V:回复:转发: FW:1.4 TVWPCIE new dri 请技法:回复:转发: FW:1.4 TVWPCIE new driver 第 X50758Driver.zip (特发:回复:转发: FW:1.4 TVWPCIE new	lient	share keyco
○ FW: 转发: FW: 1.4 TVWPCIE new driver ■ X50758Driver.zip (FW: 转发: FW: 1.4 TVWPCIE new driver)		
See more results	eek atos	specia passpl
cmd × Shut down +		

 Type Ping 192.168.10.253 as shown below. This is the IP address of the WR300NR. Notice the reply from response. If you get a reply back but cannot access the web configuration page you could have a problem with your web browser. Make sure the web browser is not blocking pop up's. It is also known that certain antivirus tools can also block access. If you do not get a reply back the only possibilities left are: the WR300NR is defective, the Ethernet cable is defective or the computers network card is defective

C:\windows\system32\cmd.exe	_ D _X
Microsoft Windows [Version 6.1.7600] Copyright (c) 2009 Microsoft Corporation. All rights reserved.	<u>^</u>
C:\Users\Louis>ping 192.168.10.253	E
Pinging 192.168.10.253 with 32 bytes of data: Reply from 192.168.10.253: bytes=32 time=1ms TTL=64 Reply from 192.168.10.253: bytes=32 time=1ms TTL=64 Reply from 192.168.10.253: bytes=32 time=1ms TTL=64 Reply from 192.168.10.253: bytes=32 time=1ms TTL=64	
Ping statistics for 192.168.10.253: Packets: Sent = 4, Received = 4, Lost = 0 (0% loss), Approximate round trip times in milli-seconds: Minimum = 1ms, Maximum = 1ms, Average = 1ms	
C:\Users\Louis>	
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