

# HiRO H50291 11n 300Mbps 802.11b/g/n WiFi WLAN Signal Repeater Range Extender



## Quick Installation Guide

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:  
(1) This device may not cause harmful interference, and  
(2) this device must accept any interference received, including interference that may cause undesired operation.

Follow each STEP carefully and only go to the next step once you have completed the previous STEP.

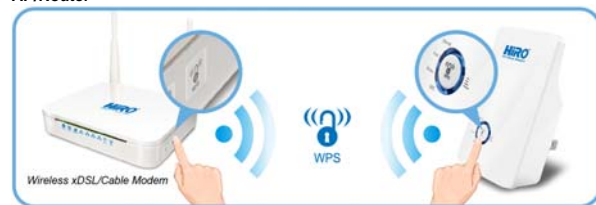
### Connection of HiRO H50291 11n 300Mbps 802.11b/g/n WiFi WLAN Signal Repeater Range Extender



- Connecting Wired Devices such as PC or SlingBox using the supplied RJ45 Ethernet cable to the HiRO H50291 11n 300Mbps 802.11b/g/n WiFi WLAN Signal Repeater Range Extender's LAN Port.
- Extend Wireless Network Range to other Wireless Devices

### STEP 1 – WPS Pairing

WPS Pairing between HiRO H50291 11n 300Mbps 802.11b/g/n WiFi WLAN Signal Repeater Range Extender and Wireless xDSL/Cable Modem or AP/Router



- Connect the HiRO H50291 11n 300Mbps 802.11b/g/n WiFi WLAN Signal Repeater Range Extender to your wall-mounted power outlet close to the Wireless xDSL/Cable Modem or AP/Router.
- Press WPS button on Wireless xDSL/Cable Modem or AP/Router for more than 3 seconds or till the WPS light flashes.
- Press WPS button on HiRO H50291 11n 300Mbps 802.11b/g/n WiFi WLAN Signal Repeater Range Extender for 3 seconds and release WPS button

- Now the WPS LED is blinking and the HiRO H50291 11n 300Mbps 802.11b/g/n WiFi WLAN Signal Repeater Range Extender is doing WPS Pairing with Wireless xDSL/Cable Modem or AP/Router.
- Make sure to press the button within 120 seconds (2 minutes) after pressing the Wireless xDSL/Cable Modem or AP/Router's WPS button.

If the HiRO H50291 11n 300Mbps 802.11b/g/n WiFi WLAN Signal Repeater Range Extender's WiFi signal strength LED isn't ON, please repeat STEP 1 WPS Pairing or goes to STEP 2 as show below

\*\*\*For Verizon FiOS Users w/ MI424WR w/o WPS button or other devices w/o WPS button, pls goes to STEP 2



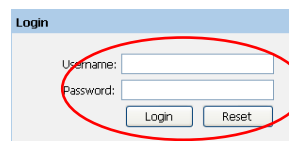
### STEP 2 – LAN configuration

LAN configuration between HiRO H50291 11n 300Mbps 802.11b/g/n WiFi WLAN Signal Repeater Range Extender and Wireless xDSL/Cable Modem or AP/Router

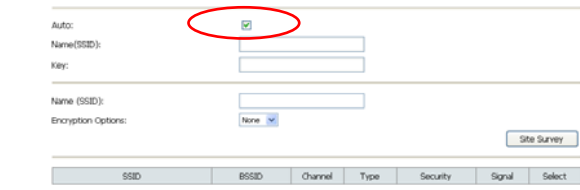
- From the LAN computer connected launch your web browser, type the following URL in the web address (or location) box, and press [Enter] on your keyboard:

http://10.0.0.2

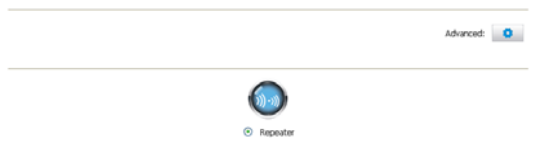
- Please enter the Login User Name: **admin** and Login Password: **1234** and then click on **Login** button.



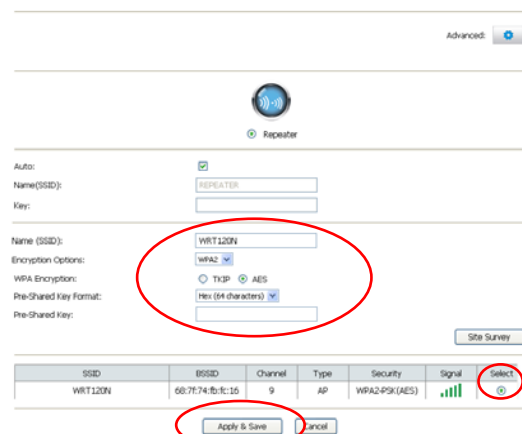
- Clicks on **Auto** checkbox.



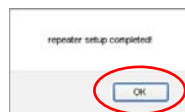
- Click on **Site Survey** button and wait for 5 seconds for site surveying.



- Clicks on "Select" radio button of SSID of the front AP and configure related parameters
- Click on **Apply & Save** button.



- Click on "OK".



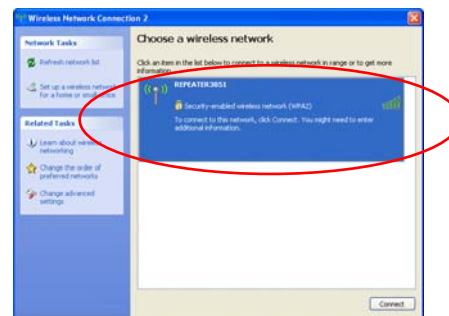
### STEP 3 – Wireless Configuration

Wireless configuration between HiRO H50291 11n 300Mbps 802.11b/g/n WiFi WLAN Signal Repeater Range Extender and Wireless xDSL/Cable Modem or AP/Router

- Double click on the wireless icon on your computer and search for the wireless network that you enter SSID name.



- Click on the wireless network that you enter SSID name (the default settings SSID = REPEATERXXXX which could be found on the bottom side of the device) to connect.



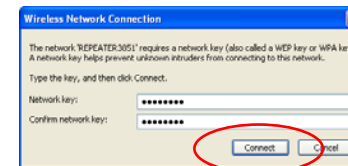
- If the wireless network isn't encrypted, click on "Connect Anyway" to connect.



- If the wireless network is encrypted, enter your own wireless password at least 8 characters for example 12345678 in the key field / Network key field / Confirm Network key field (the default settings Security Mode = WPA/WPA2 Mixed, Pre-Shared Key = XXXXXXXX which could be found on the bottom side of the device). You can later change this network key via the wireless configuration menu.



- Click on "Connect" or "Apply".



Repeat STEP 2 to continue configuring between HiRO H50291 11n 300Mbps 802.11b/g/n WiFi WLAN Signal Repeater Range Extender and Wireless xDSL/Cable Modem or AP/Router

### System Requirements

- Pentium 200MHZ processor or above
- Windows 8.1 / 8 / 7 / Vista / XP 32-bit 64-bit

### Package Content

- 11n Repeater
- Quick Installation Guide
- Ethernet Cable (RJ-45)

### LED Meaning

Your HiRO H50291 11n 300Mbps 802.11b/g/n WiFi WLAN Signal Repeater Range Extender has indicator lights on the Top side. Please see below as LED Indicator definition.

Ethernet	Ethernet Active indicator
Power	Power indicator
Wireless	Wireless Active indicator
WPS	WPS Active indicator
Wifi Signal	Wireless Signal Strength indicator



Table1. LED function

Label	Color	On	Flash	Off
Ethernet	Blue	Ethernet Connected	Transmit / Receive Data	Ethernet Disconnected
Power	Blue	Ready	Waiting for device ready	Power Off
Wireless	Blue	WLAN Ready	Transmit / Receive Data	WLAN Off
WPS	Blue	N/A	Start WPS pairing within 2 minutes	WPS Idle
WiFi Signal	Blue	Ethernet Connected	Transmit / Receive Data	No WAN IP address from xDSL / Cable Modem

### Connectors

Table 2 shows the function of each connector and button of the device.

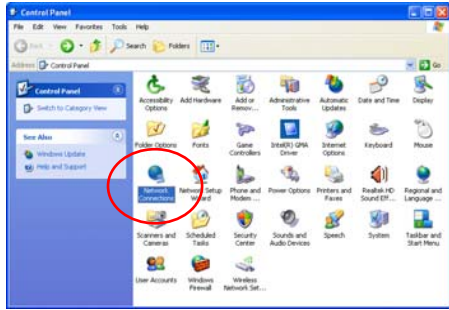
Table 2. Function / Description of Connectors

Connector	Description
Ethernet	Connects the device via LAN Ethernet to a PC
WPS	<b>WPS</b> Press this button for 3 full seconds and the WPS LED will flash to start WPS. <b>Make sure to press the button within 120 seconds (2 minutes) after pressing the Wireless xDSL/Cable Modem or AP/Router's WPS button.</b>
RESET	<b>RESET</b> Reset button. <b>RESET</b> the HiRO H50291 11n 300Mbps 802.11b/g/n WiFi WLAN Signal Repeater Range Extender to its default settings. Press this button for at least 3 full seconds to <b>RESET</b> device to its default settings.

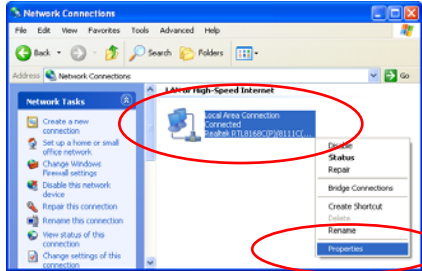
Configure the PC computer as below, to have automatic IP address / DNS Server.

### For Windows 98SE/ME/2000/XP

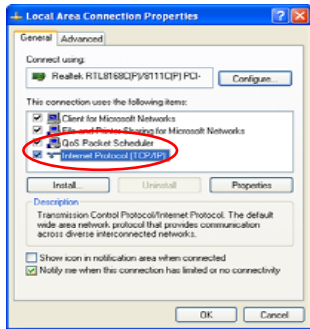
1. Click on "Start" -> "Control Panel" (in *Classic View*). In the Control Panel, double click on "Network Connections" to continue.



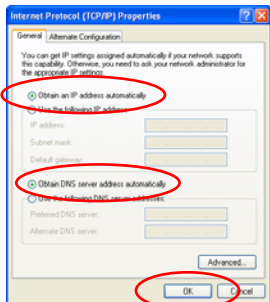
2. Single RIGHT click on "Local Area connection", then click "Properties".



3. Double click on "Internet Protocol (TCP/IP)".



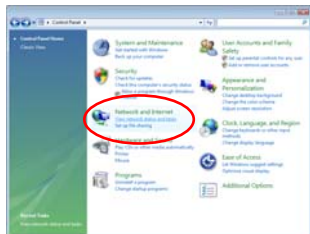
4. Check "Obtain an IP address automatically" and "Obtain DNS server address automatically" then click on "OK" to continue



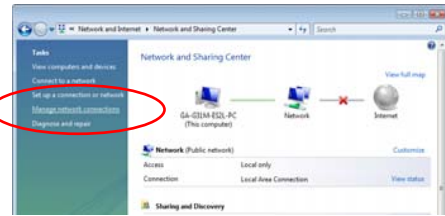
5. Click "Show icon in notification area when connected" (see screen image in 3. above) then Click on "OK" to complete the setup procedures.

### For Windows Vista-32/64

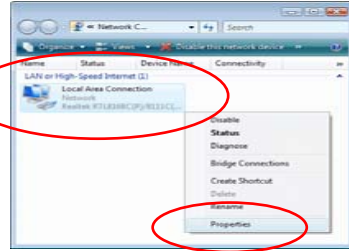
1. Click on "Start" -> "Control Panel" -> "View network status and tasks".



2. In the Manage network connections, click on "Manage network connections" to continue.

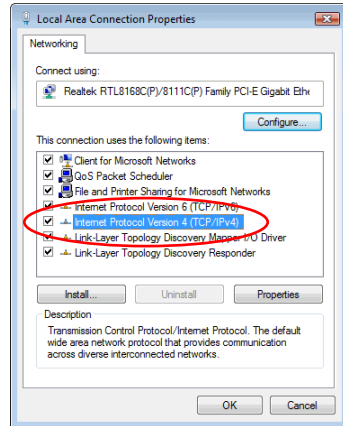


3. Single RIGHT click on "Local Area connection", then click "Properties".

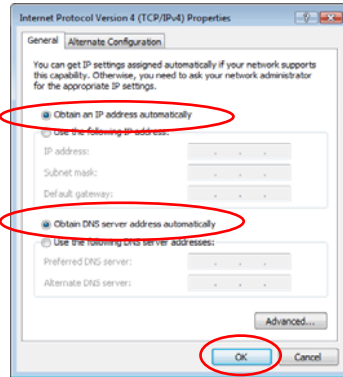


4. The screen will display the information "User Account Control" and click "Continue" to continue.

Double click on "Internet Protocol Version 4 (TCP/IPv4)".

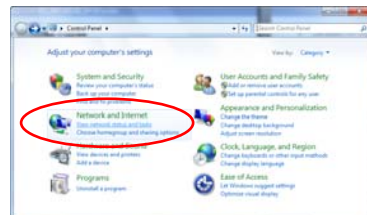


5. Check "Obtain an IP address automatically" and "Obtain DNS server address automatically" then click on "OK" to continue.

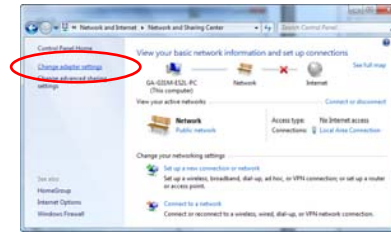


### For Windows 7-32/64

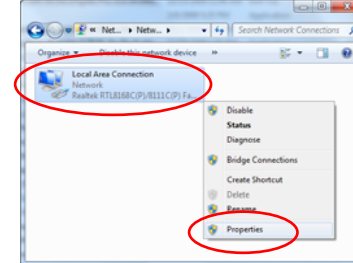
1. Click on "Start" -> "Control Panel" (in *Category View*) -> "View network status and tasks".



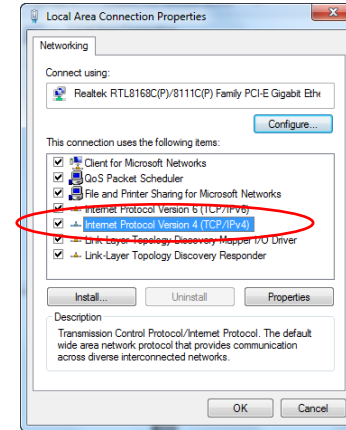
2. In the Control Panel Home, click on "Change adapter settings" to continue.



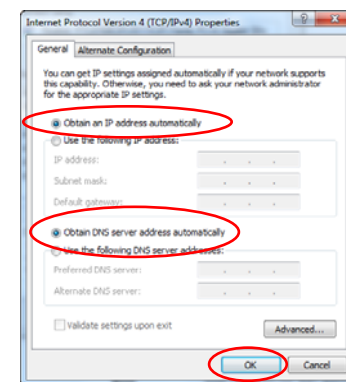
3. Single RIGHT click on "Local Area connection", then click "Properties".



4. Double click on "Internet Protocol Version 4 (TCP/IPv4)".

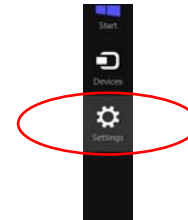


5. Check "Obtain an IP address automatically" and "Obtain DNS server address automatically" then click on "OK" to continue.

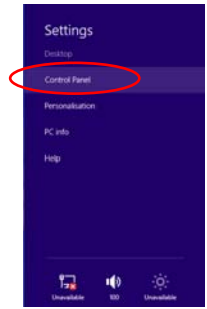


### For Windows 8-32/64

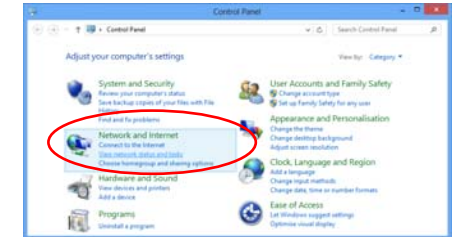
1. Move the mouse or tap to the upper right corner and click on "Settings".



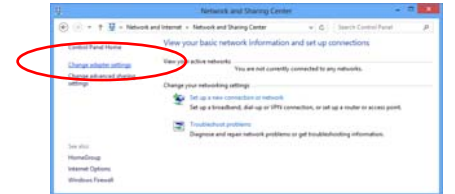
2. Click "Control Panel".



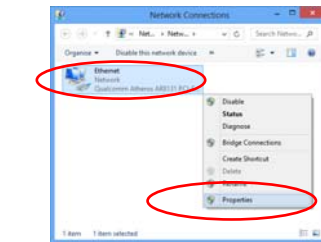
3. Click on "View network status and tasks".



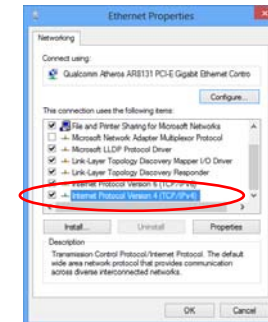
4. In the Control Panel Home, click on "Change adapter settings" to continue.



5. Single RIGHT click on "Ethernet", then click "Properties".



6. Double click on "Internet Protocol Version 4 (TCP/IPv4)".



7. Check "Obtain an IP address automatically" and "Obtain DNS server address automatically" then click on "OK" to continue.

