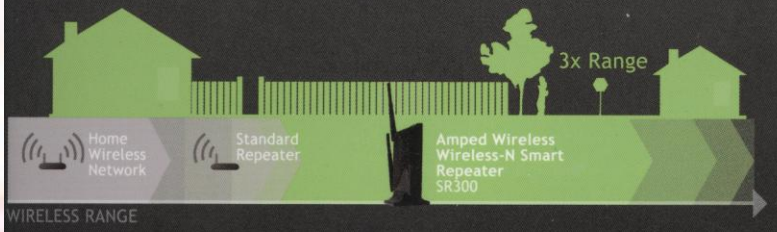
WiFi Repeater-For When Your WiFi Signal Will Not Reach

Amped Wireless Technology

High Power Amplifiers and Antennas boost wireless performance

(See comparison to standard Wi-Fi devices below)



Extend the Range of your Home or Office Network up to **3x**

Designed in the USA

Features

- Add 5 Wired Connections:
  Great for additional PC's, Blu-ray players, game consoles, TV's and other networked devices
- Mounting Options:
  Vertical (Stand included), desktop or wall mount
- Upgradable Antennas:
  Antennas can be replaced with High Gain indoor or outdoor antennas for more range

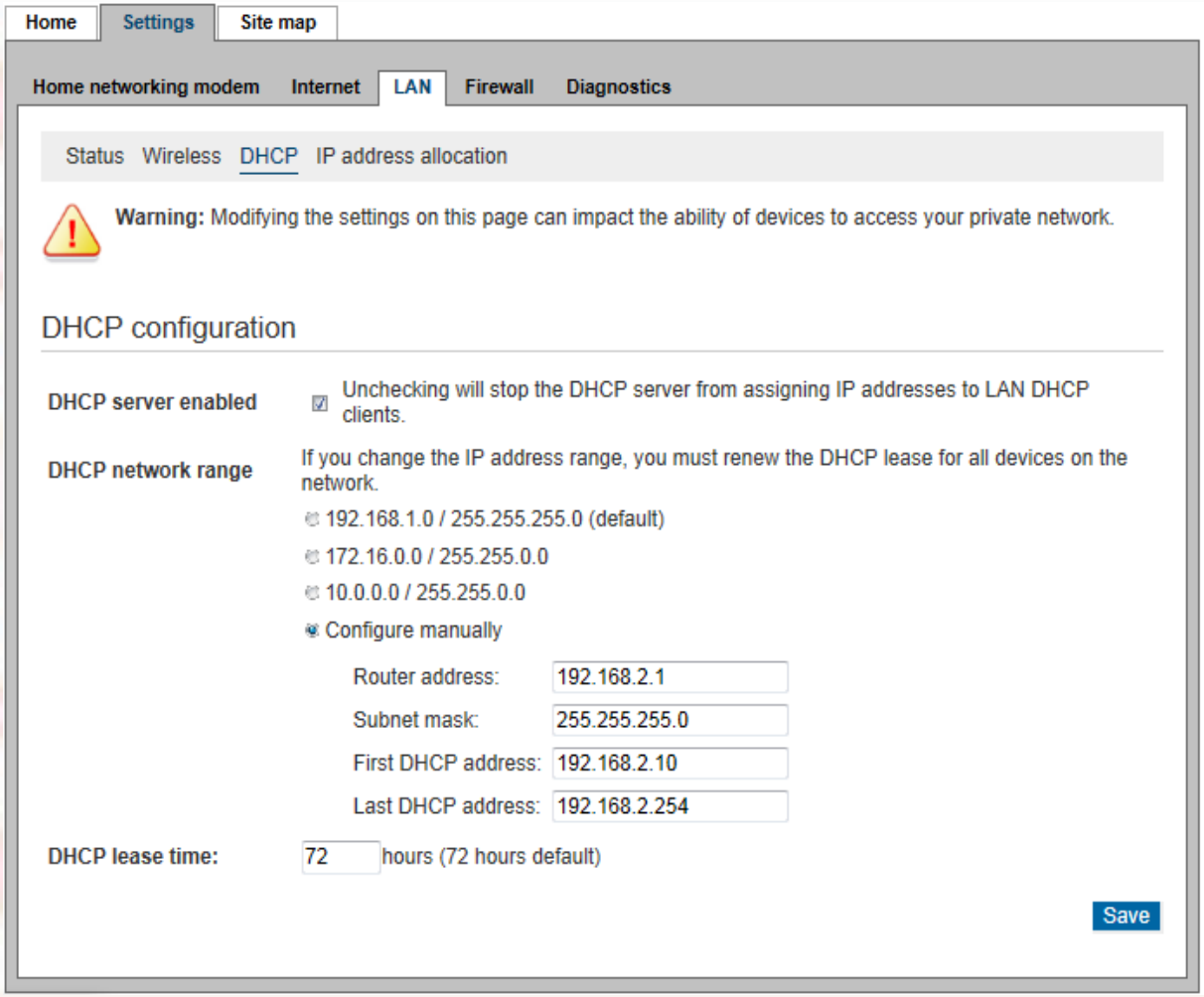
Smart Setup Wizard

1. Connect your computer to the Smart Repeater
2. Open your web browser and enter the provided setup web address
3. Scan for and select your existing wireless network

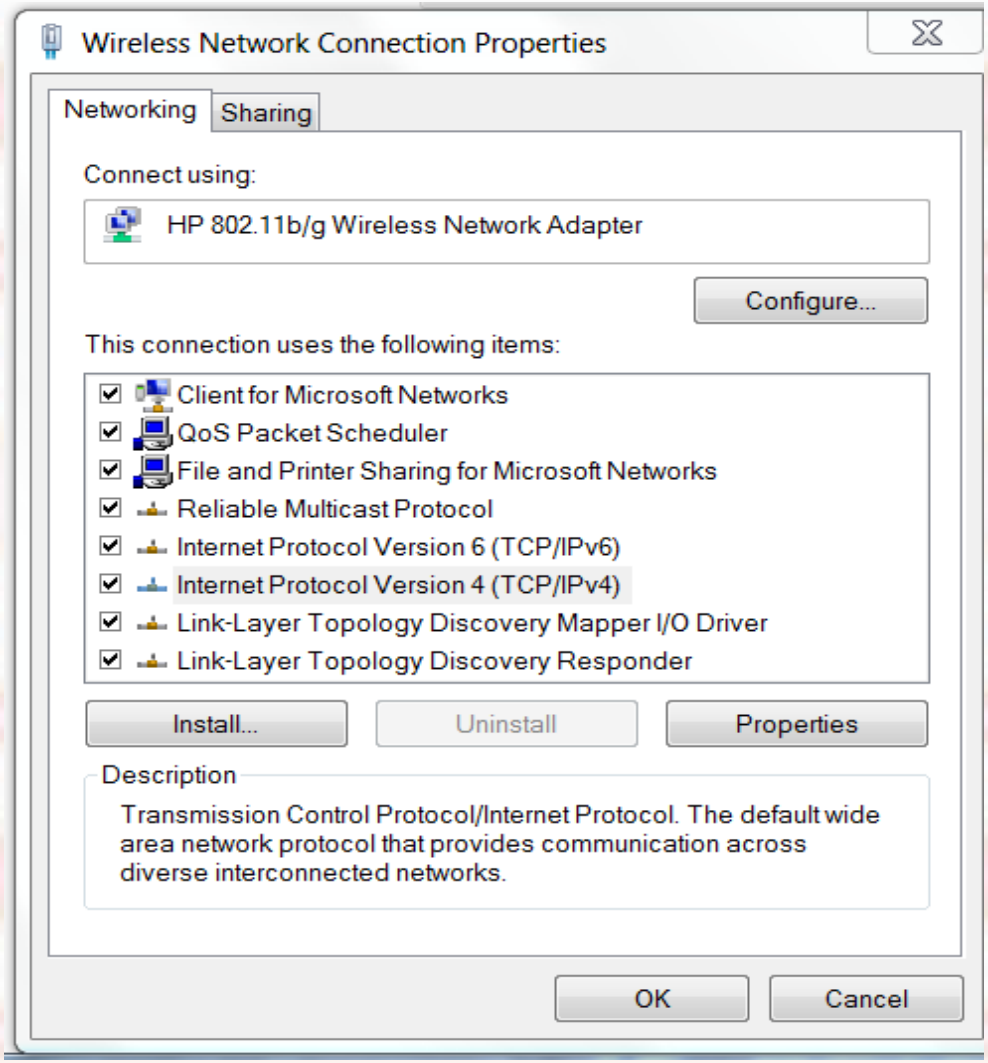
Amped Repeater Installation

- Installation went as per instructions – Won't go into detail
- After placing second desktop and laptop on the extended part of the net using automatic TCPIP connections, problems occurred in connecting reliably
- Solution was to manually assign TCPIP address for each device – see slides following for two devices (one running from each node)

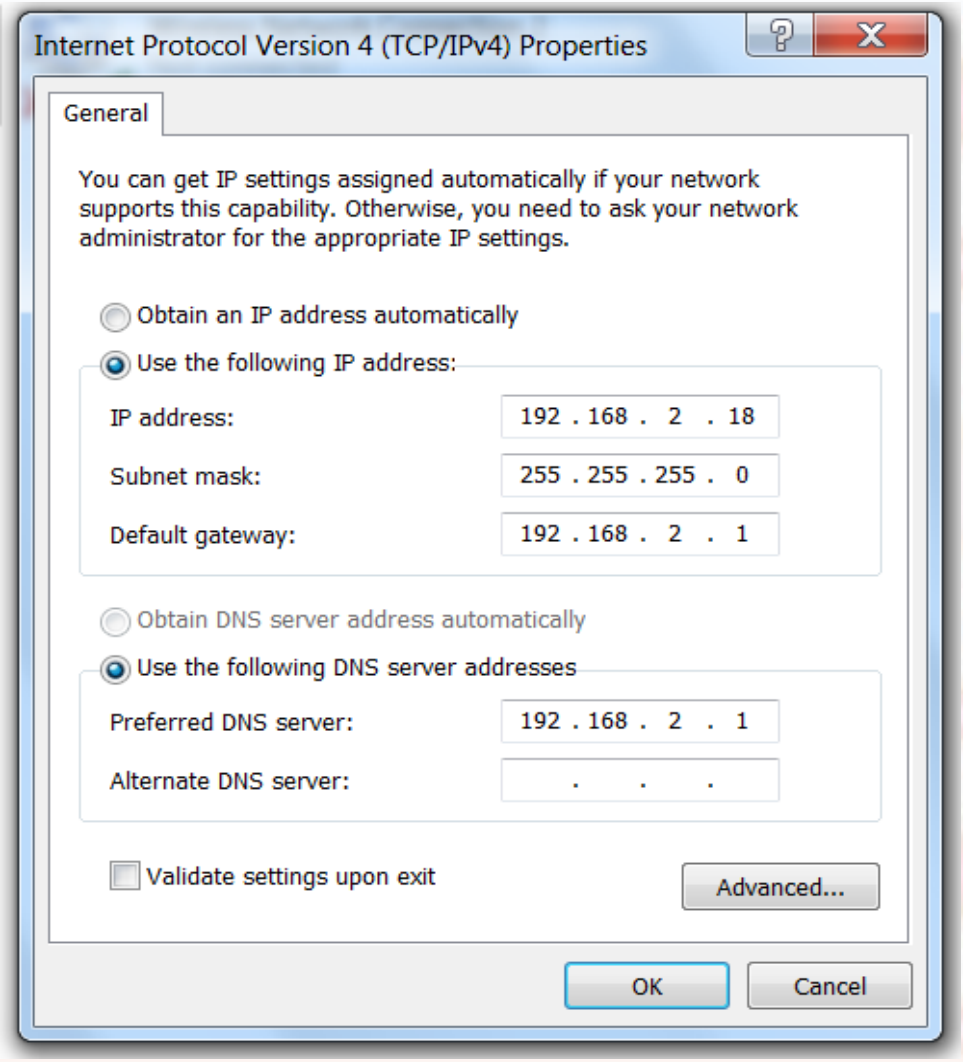
Router Configuration (Tanager)



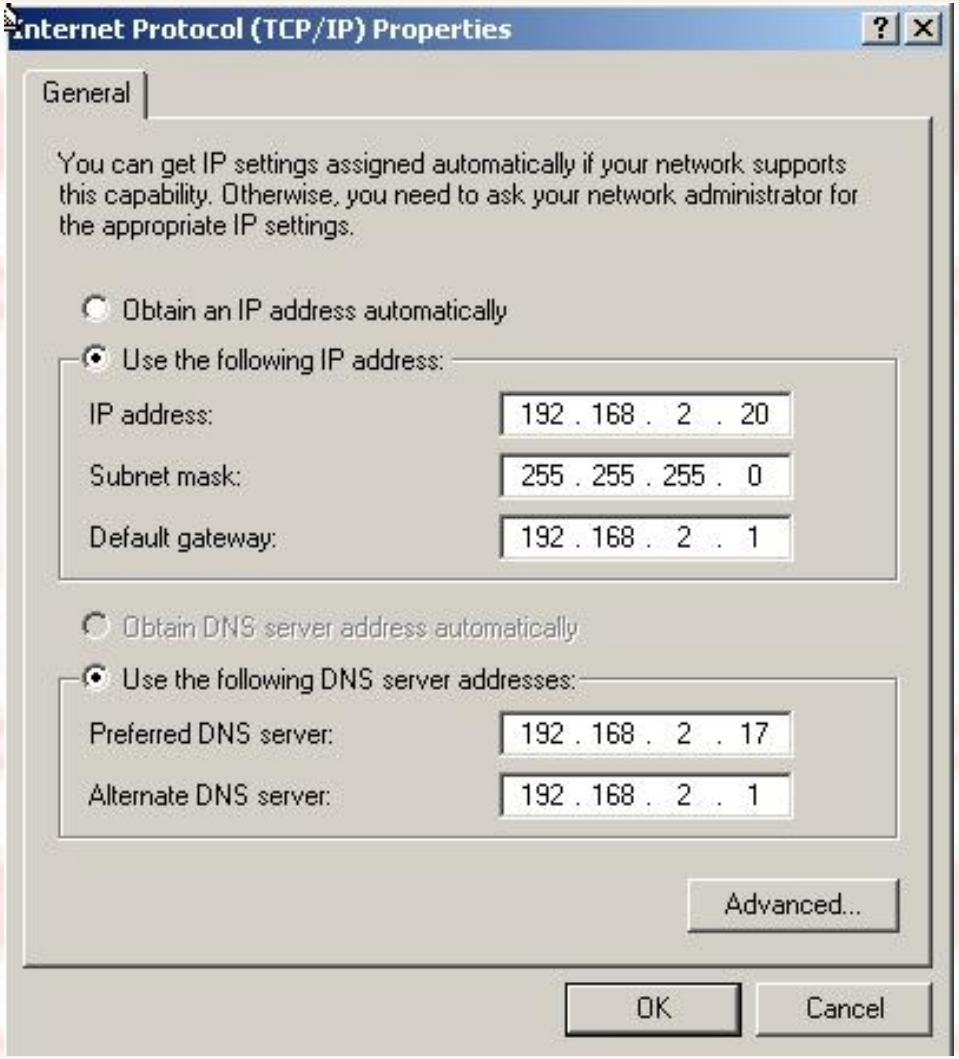
Win 7 TCPIP Selection



Win 7 TCPIP – Original Router



Win XP Computer – Repeater



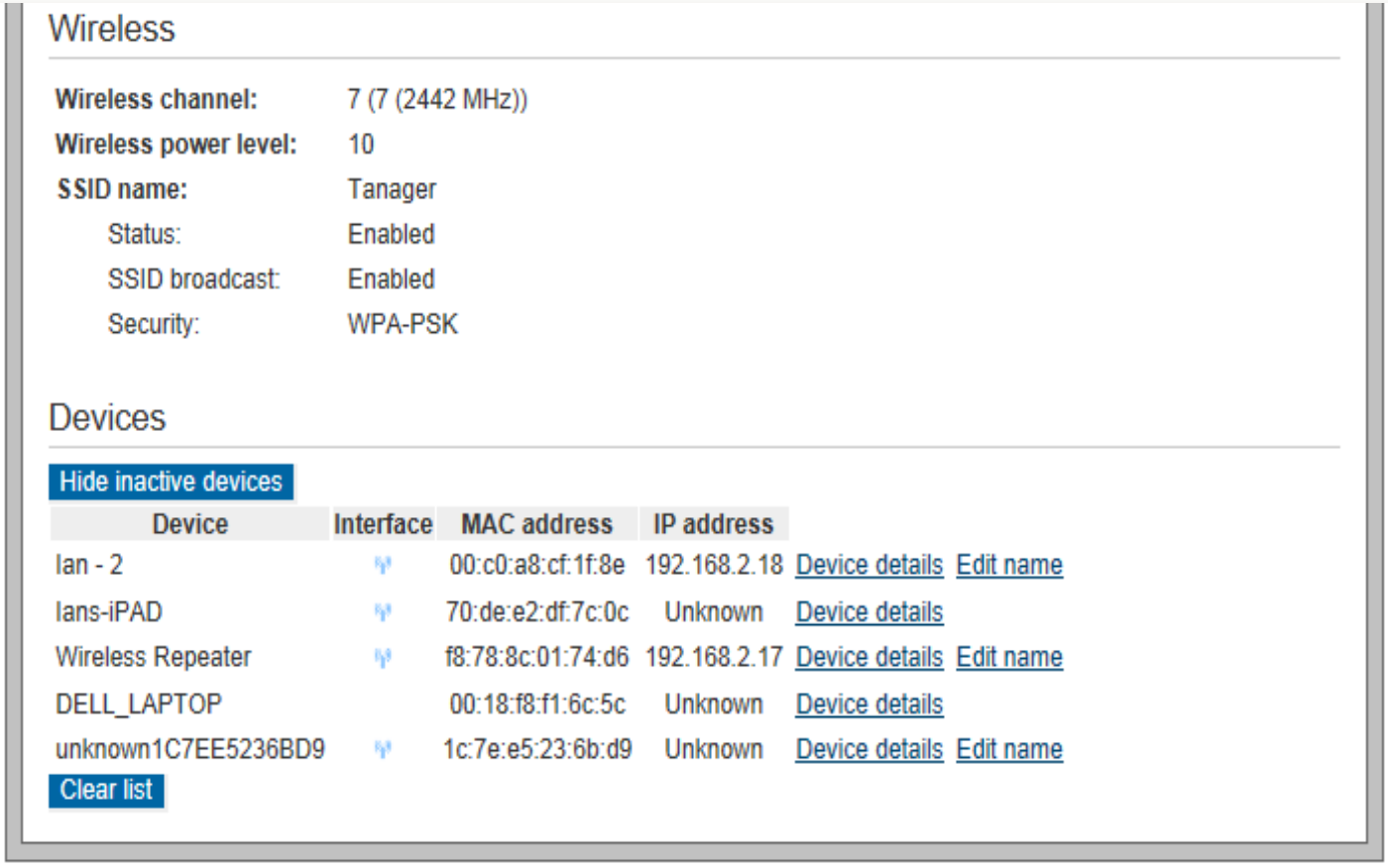
Observations After Installation

- One of the far computers will run from either router or repeater.
- Noticed signal strength on original router runs 1o 10, but defaults to 4. Increased power to 10
- Router and Repeater must be on same channel to talk to each other on same frequency. I chose #7. Problem with Bell 2Wire router is that it periodically resets to another channel and must be manually reset.

Repeater Installation Recommendations

1) Set router channel to highest (10) and router power level to highest (10) and test to make sure you really need a repeater.
2) Manually assign all TCPIP numbers to each computer on each network to avoid device conflicts and unreliable connections on device start-up.
3) If device will not start on repeater, check for channel alignment with router.

Power and Channel Settings



Wireless

Wireless channel:	7 (7 (2442 MHz))
Wireless power level:	10
SSID name:	Tanager
Status:	Enabled
SSID broadcast:	Enabled
Security:	WPA-PSK

Devices

Hide inactive devices

Device	Interface	MAC address	IP address		
Ian - 2		00:c0:a8:cf:1f:8e	192.168.2.18	Device details	Edit name
Ians-iPAD		70:de:e2:df:7c:0c	Unknown	Device details	
Wireless Repeater		f8:78:8c:01:74:d6	192.168.2.17	Device details	Edit name
DELL_LAPTOP		00:18:f8:f1:6c:5c	Unknown	Device details	
unknown1C7EE5236BD9		1c:7e:e5:23:6b:d9	Unknown	Device details	Edit name

Clear list