



Guidelines for setting up a Wired Router to work with Spot On Networks

- Use an Ethernet cable to connect the wall-jack of your unit to the WAN port of your router. If you plug the cable from the wall into the wrong port on your router, you will not get Internet access.
- Change the password on the router from the default.
- Set the router WAN IP address to DHCP.
- Many routers can operate in either router mode (a.k.a. NAT enabled) or bridge mode (a.k.a. NAT disabled). Router mode (a.k.a. NAT enabled) must be selected to be able to use more than one network device simultaneously.
- Default LAN (local area network) settings for most routers are generally ok. As a guideline, the following configuration will work:
 - LAN IP Address: 192.168.1.1
 - LAN Subnet Mask: 255.255.255.0
 - DNS Server #1: 8.8.8.8
 - DNS Server #2: 208.67.222.222
 - LAN DHCP Enabled
 - LAN DHCP Ranges: 192.168.1.100 – 192.168.1.199
- Wireless Settings:
 - Select a unique SSID, such as your last name or apartment number. Do not use the default SSID for security.
 - Enable WPA encryption (recommended) or WEP encryption to prevent neighbors or passers-by from remotely accessing your computers and network devices.
 - If the router has the capability of automatically selecting a broadcast channel (often called "auto-channeling"), enable this feature. Otherwise, change the default channel (typically channel 6) to any other channel to minimize potential interference from neighbors' routers.

