

May 22, 2013: when configuring an R36 (NH/NHR version) with an Alfa AWUS036NH, during the Easy Setup, after you click the Site Survey button and select your network, when you are returned to the Easy Setup page, the R36 defaults the connection type to **802.11 Ad-Hoc**. You must change this back to **Infrastructure** before proceeding, or you will not get a connection after completing Easy Setup. You must change to Infrastructure *after* you select your network in Site Survey, not before. A firmware fix will be released soon. Meanwhile, here are screen shots showing what to do to quickly get connected:

(issue only affects R36 NH/NHR version using AWUS036NH, it does not affect use with AWUS036NHR)

ALFA NETWORK USB Wi-Fi Router R36

System Configuration

Connection Mode: Cable/Dynamic IP (DHCP)

DHCP Mode

Hostname: R36

Primary DNS Server: Secondary DNS Server

USB Wireless adapter Configuration

SSID: BSSID

Network Type: Infrastructure **Site Survey**

Security Policy

Security Mode: Disable **Next**

First, during Easy Setup, click Site Survey button

ALFA NETWORK USB Wi-Fi Router R36

USB Wireless Site Survey

Station Site Survey

Site survey page shows information of APs nearby. You may choose one of these APs connecting or adding it to profile.

Site Survey

Results in the grid can easily be sorted by a single column by clicking on the column heading. Clicking on a column heading will initially sort the results by the values in the column in sequence. If you click on the heading of column that is already the sort sequence then the sequence of the sorting will be reversed.

| | SSID | BSSID | Bit Rates | Signal | Channel | Authentication | Encryption | Network Type |
|-----------------------|-------------------|-------------------|-----------|---------------|---------|----------------|------------|---------------|
| <input type="radio"/> | ALFA_AP | 00:C0:CA:6B:BE:22 | 72 Mb/s | 100/100 (-35) | | None | None | 802.11 Ad Hoc |
| <input type="radio"/> | livefreordie | 4C:60:DE:E0:2D:8B | 54 Mb/s | 31/100 (-77) | | WPA2-Personal | AES | 802.11 Ad Hoc |
| <input type="radio"/> | belkin_fc4 | 94:44:52:FB:AF:C4 | 54 Mb/s | 37/100 (-75) | | WPA-Personal | AES | 802.11 Ad Hoc |
| <input type="radio"/> | Verizon-890L-8199 | 8C:E0:81:F0:81:99 | 54 Mb/s | 89/100 (-55) | | WPA2-Personal | AES | 802.11 Ad Hoc |
| <input type="radio"/> | Nachos | E0:91:FS:D5:30:58 | 144 Mb/s | 26/100 (-79) | | WPA2-Personal | AES | 802.11 Ad Hoc |
| <input type="radio"/> | kghome | 00:18:E7:FF:C0:B2 | 54 Mb/s | 31/100 (-77) | | OPEN/SHARED | WEP | 802.11 Ad Hoc |
| <input type="radio"/> | Rockville | 00:16:B6:A2:90:B1 | 54 Mb/s | 37/100 (-75) | | WPA-Personal | TKIP | 802.11 Ad Hoc |

Select Rescan Close

Then select your desired network

Then click the 'Select' button

ALFA NETWORK USB Wi-Fi Router R36

System Configuration

Connection Mode: Cable/Dynamic IP (DHCP)

DHCP Mode

Hostname: R36

Primary DNS Server: Secondary DNS Server

USB Wireless adapter Configuration

SSID: silicnet BSSID(optional): 00:21:E9:B8:9E:AF

Network Type: 802.11 Ad-Hoc **Site Survey**

Security Policy

Security Mode

Wire Equivalence Protection (WEP)

WEP Key Length: 64 bit (10 hex digits / 5 ascii keys) WEP Key Entry Method: Hexadecimal

WEP Keys: Default Key: Key 1

WEP Key 1: WEP Key 2:

WEP Key 3: WEP Key 4:

Next

When you are returned to this window, this menu will change to **802.11 Ad-Hoc**. You must change this to **Infrastructure**. After you do, DO NOT click Site Survey again during this setup attempt, it is not necessary. Instead, proceed per the instructions to enter your Security key in the area below. Finish the setup per the instructions and you should get connected.