

The manufacturers instruction are very poor ,so please use the information below to assist in setting up a new WiFi connection on the R36

These instructions apply only when the R36 has been initially set up.....

Step 1.

Connect the AWUS036H or another compatible Wireless Network Adapter into the R36's USB port and power on the R36

Step 2.

I.Using your PC,Ipad or Tablet's wireless network adapter connect to the *R36

II.Once connected to the R36- from a **web browser such as chrome,firefox or Internet explorer navigate to this web page <http://192.168.2.1> ,a small screen will pop up requesting User name and Password ,by default the user name and password are both admin (User name and password can both be located on the bottom of the R36)

*(The wireless internet connection of the R36 might be called ALFA_AP or something different if you changed the SSID name when first setting up the R36)

**Their are issues with using older version of Androids default browser (it does not work) (Android 4.X has been confirmed to work ok) and so please install a different web browser such as firefox mobile to work around this issue



Once logged on ,you will be on the R36's status Tab, here you will see if you already have a working internet connection and if not then this is were you start the process of setting one up

ALFA NETWORK USB Wi-Fi Router R36

Language: English

Internet Configuration

Connected Type	USB-WLAN(DHCP)	Connected Status	Connected
WAN IP Address	192.168.0.18	Subnet Mask	255.255.255.0
Default Gateway	192.168.0.1	Primary Domain Name Server	8.8.8.8
Secondary Domain Name Server	8.8.4.4	MAC Address	00:C0:CA:57:91:89

USB Wireless Adapter Information

Network Mode	Infrastructure	Wifi Link Status	Ralink STA
Network Name (SSID)	95RkUUzg	Unique ID (BSSID)	A0:21:B7:D7:FA:59
Link Quality	100%	Connection Speed	65 Mb/s
Signal Strength	-57 dBm (76%)	Wireless Mode	802.11bg

[Change Profile](#)

Security Settings

Authentication	WPA-Personal	Encryption	Auto(TKIP/AES)
Passphrase	*****		

LAN Configuration

LAN IP Address	192.168.2.1	LAN Netmask	255.255.255.0
MAC Address	00:C0:CA:49:92:C4		

System Info

Firmware Version	v1.2.0.8(Apr 9 2012)	System Time	Sat, 01 Jan 2011 00:04:39
Operation Mode	Router Mode		

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[How to set up or change to another wireless network](#)

On the R36 status page you will see a button called "change profile"

Step 3. Click on change profile -. A list of previous connections (if any) will be shown on the webpage that appears *(the R36 saves previous connections as a profile for future use)

ALFA NETWORK USB Wi-Fi Router R36

Status Easy Setup Advanced Language English

Internet Configuration

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Step 4. Click Site Survey (the R36 will now use the external wireless network adapter that is plugged in to the USB port of the R36 (for example AWUS036H Wireless USB adapter) and show the available networks detected.

Step 5. Check the bullet point to the left of the SSID of the wireless internet connection you wish to connect to

Station Profile - Windows Internet Explorer
http://192.168.2.1/edm/usbProfileList.asp

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_07	00:C0:CA:49:92:C4	54 Mb/s	18/100 (-83)		WPA-Personal	TKIP/AES	802.11 Ad Hoc
<input type="radio"/>	ALFA_APXX	00:C0:CA:49:92:C6	11 Mb/s	68/100 (-63)		OPEN/SHARED	WEP	802.11 Ad Hoc
<input checked="" type="radio"/>	95RkUuzg	A0:21:B7:D7:FA:59	144 Mb/s	78/100 (-59)		WPA-Personal	TKIP/AES	802.11 Ad Hoc

Submit Reset Close

Step 6.Ensure Infrastructure mode is Selected and NOT adhoc in section 7E below

Step 7.The required information fields are automatically filled in when you Enable a profile which you had already selected in step 6, (with the exception of any password required if any security has been used on the wireless network)

7a. Profile name (the name you wish to give the profile to help so you remember the location E:G Starbucks Port of Miami)

7b. SSID (the name of the network you want connect to and share)

7c. Authentication (the type of security used on the network you are trying to connect to)..If it is a free open network then it would show as disabled .(if the security is enabled then continue to in part 7d. below otherwise skip this step and move on to 7.e

7d. Pass phrase (Here you enter the password if Authentication has been enabled)

7e Network type (this should be set to Infrastructure mode and NOT ad-hoc)

7f. BSSID(optional)

7g.Encryption (the type of encryption used on the WiFi network if any)

The screenshot shows the 'USB Wireless Profiles' configuration window. At the top, there is a table with columns: SSID, BSSID, Authentication, Encryption, and Network Type. Below this is a larger table with columns: Enable, Profile, SSID, BSSID, Authentication, Encryption, and Network Type. The second row in this table is highlighted in red and has red arrows pointing to its fields from the text above. Below the table is a configuration form with the following fields: Profile Name (9SRkUJzg), SSID (9SRkUJzg), Authentication (WPA-Personal), Pass Phrase (masked with asterisks), Network Type (Infrastructure), BSSID (optional) (A0 21 B7 D7 FA 59), and Encryption (Auto(TKIP/AES)). At the bottom of the form are buttons for 'Activate', 'Save', 'Delete', and 'Cancel / Close'. Red arrows labeled 7a through 7g point from the text above to the corresponding fields in the form.

SSID	BSSID	Authentication	Encryption	Network Type
9SRkUJzg	A0:21:B7:D7:FA:59	WPA-Personal	Auto(TKIP/AES)	Infrastructure

Enable	Profile	SSID	BSSID	Authentication	Encryption	Network Type
<input type="radio"/>	SMC	SMC	00:22:2D:08:E1:58	Disabled	Disabled	Infrastructure
<input checked="" type="radio"/>	9SRkUJzg	9SRkUJzg	A0:21:B7:D7:FA:59	WPA-Personal	Auto(TKIP/AES)	Infrastructure

7a → Profile Name: 9SRkUJzg

7b → SSID: 9SRkUJzg

7c → Authentication: WPA-Personal

7d → Pass Phrase: *****

7e → Network Type: Infrastructure

7f → BSSID (optional): A0 21 B7 D7 FA 59

7g → Encryption: Auto(TKIP/AES)

Step 8.click Save (another window should appear asking you "do you want to Save and Activate or Cancel). Select Activate/Save...waiting a few seconds and the R36 will save the profile.

The screenshot displays the 'USB Wireless Profiles' configuration interface. At the top, there is a summary table with columns for SSID, BSSID, Authentication, Encryption, and Network Type. Below this is a detailed table with columns for Enable, Profile, SSID, BSSID, Authentication, Encryption, and Network Type. The configuration form below the table includes fields for Profile Name, SSID, Authentication, Network Type, BSSID (optional), Encryption, and Pass Phrase. A dialog box titled 'Activate Profile' is overlaid on the form, containing the question 'Do you want to Save and Activate this profile?' and three buttons: 'Activate/Save', 'Save', and 'Cancel'. The 'Activate/Save' button is circled in red.

9.On the status tab you should now have under the Internet Configuration section ..**Connected Status as Connected**

[Quick RECAP on How to change the WiFi network.](#)

1. Rescan by selecting Change profile
2. Select target SSID (the internet you want to share)
3. Check the settings and fill out any password if needed
4. Save and activate
5. Check the status page