

Easy Setup AWUS036H for R36 USB Wi-Fi Router

Step 1:

Connect AWUS036H USB WLAN Adapter to the R36 Router USB port with USB cable.

Step 2:

Power on the R36 Router and go to the 192.168.2.1 setting webpage.

Step 3:

Key in “admin” to both User Name and Password and you will see the homepage as below:

The screenshot displays the web interface of the ALFA NETWORK USB Wi-Fi Router R36. The interface is in English and shows the following configuration details:

Internet Configuration		LAN Configuration		System Info	
Connected Type	DHCP	LAN IP Address	192.168.2.1	Firmware Version	0.2.0.2-1011 (Oct 11 2010)
WAN IP Address		MAC Address	00:22:2D:84:E2:24	Operation Mode	Router Mode
Default Gateway		LAN Netmask	255.255.255.0	System Time	Fri, 01 Jan 2010 00:03:44
Secondary Domain Name Server		Connected Status	Disconnected/Connecting...		
		Subnet Mask			
		Primary Domain Name Server			
		MAC Address	00:22:2D:84:E2:25		

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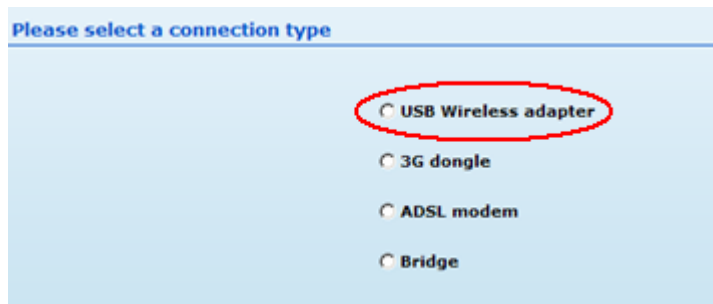
Step 4:

Go to Easy Setup check box you will find 4 types of WAN port connection.

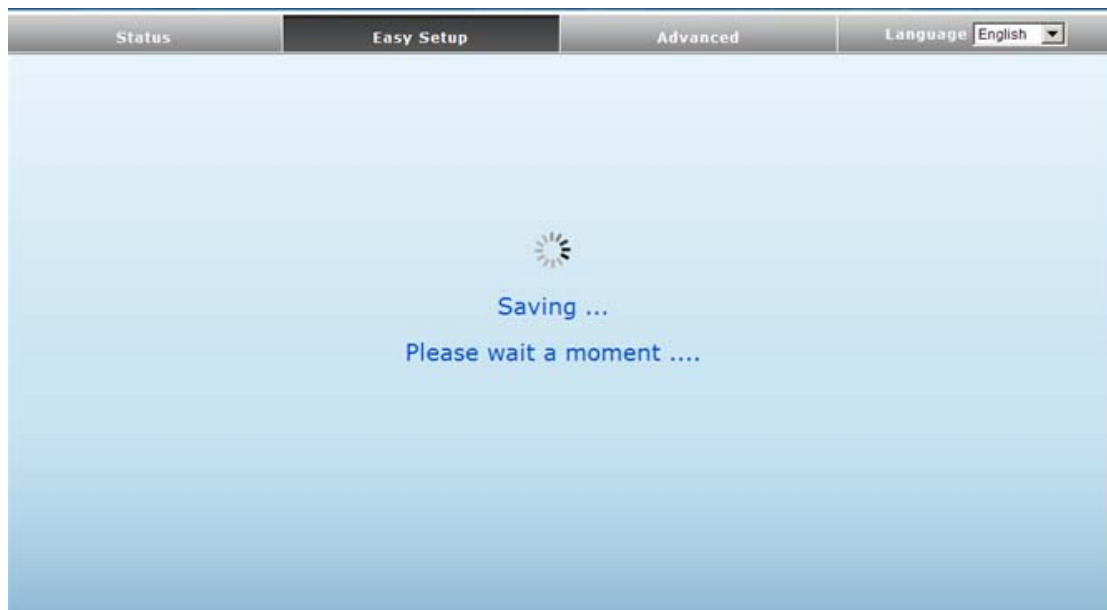


Step 5:

a.) Check the USB Wireless adapter.

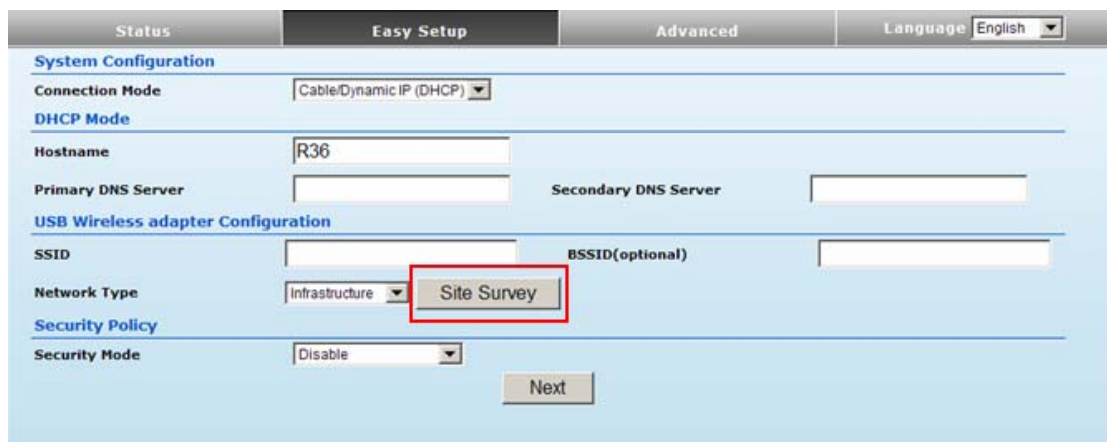


b.) It will show “Saving” after check USB Wireless adapter



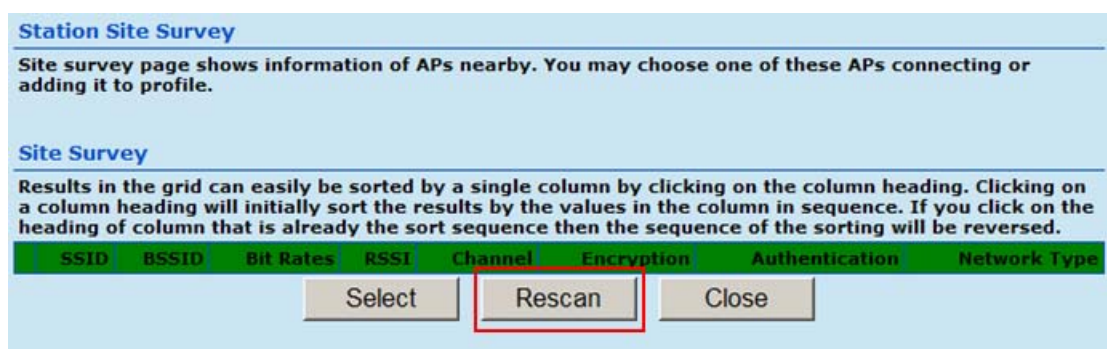
Step 6:

Please click the Site Survey box first. Prepare an available SSID after Site Survey.

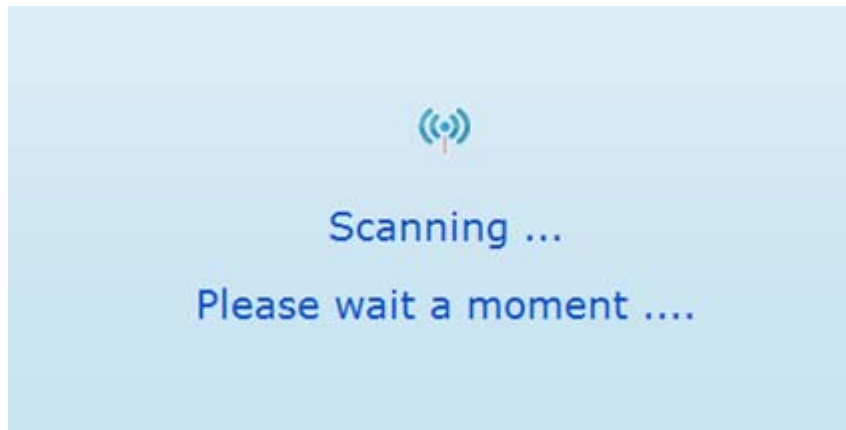


Step 7:

a.) Click Rescan



b.) Scanning



Step 8:

Many SSID appear on the Screen and Click Select one (Ex. VAP)

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	RSSI	Channel	Encryption	Authentication	Network Type
<input checked="" type="radio"/>	VAP	00:11:45:02:48:07	54 Mb/s	69/100	1	None	None	Infrastructure
<input type="radio"/>	Alticast_01	00:0E:E8:F7:13:D5	54 Mb/s	60/100	1	TKIP	WPA1	Infrastructure
<input type="radio"/>	WLAN	00:05:CA:43:19:18	54 Mb/s	57/100	1	None	None	Infrastructure
<input type="radio"/>	WWW	00:C0:CA:36:C6:16	54 Mb/s	89/100	8	AES/TKIP	WPA2	Infrastructure
<input type="radio"/>	TP-LINK	94:0C:6D:00:ED:65	54 Mb/s	85/100	6	WEP	OPEN/SHARED	Infrastructure
<input type="radio"/>	Kentstar2	00:08:54:AE:C0:08	54 Mb/s	85/100	11	AES/TKIP	WPA1	Infrastructure
<input type="radio"/>	guest	00:1C:0E:41:6B:21	54 Mb/s	55/100	11	WEP	OPEN/SHARED	Infrastructure
<input type="radio"/>	WLAN	00:05:CA:00:44:64	54 Mb/s	49/100	11	WEP	OPEN/SHARED	Infrastructure
<input type="radio"/>	ALFA	00:22:2D:84:E2:26	54 Mb/s	99/100	14	None	None	Infrastructure
<input type="radio"/>	York_Hsiao_AP	00:03:2F:31:A2:CE	54 Mb/s	47/100	11	WEP	OPEN/SHARED	Infrastructure
<input type="radio"/>	3G router	00:C0:CA:36:DC:E2	54 Mb/s	51/100	11	None	None	Infrastructure
<input type="radio"/>	employee	00:1C:0E:41:6B:20	54 Mb/s	58/100	11	WEP	OPEN/SHARED	Infrastructure

Step 9:

It will show SSID and BSSID that AWUS036H going to connect.

The screenshot shows the 'Easy Setup' tab of the ALFA router's web interface. Under the 'USB Wireless adapter Configuration' section, the SSID is 'VAP' and the BSSID (optional) is '00:11:45:02:48:07'. The 'Next' button is located at the bottom right of the configuration area.

Step 10:

After click Next check box the screen will show Saving...

The screenshot shows a loading screen with a circular spinner icon in the center. Below the spinner, the text reads 'Saving ... Please wait a moment ...'.

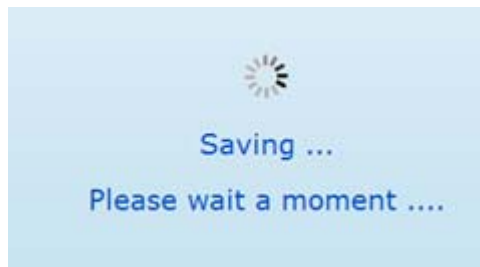
Step 11:

Configure the SSID and Security Mode of the R36 Router. (EX. ALFA-Extend)

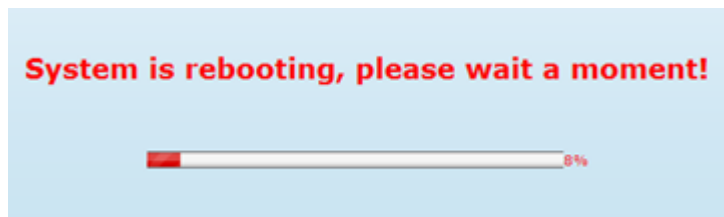
The screenshot shows the 'Wireless Security and Encryption Settings' section. The 'SSID Choice' is 'ALFA-Extend' and the 'Security Mode' is 'Disable'. The 'Previous' and 'Done' buttons are at the bottom.

Step 12:

a.) Saving configuration



b.) Rebooting after Saving



c.) Wizard Success!



Step 13:

It will show connected status and USB Wireless Adapter Information.

Status	Easy Setup	Advanced	Language English
Internet Configuration			
Connected Type	USB-WLAN(DHCP)	Connected Status	Connected
WAN IP Address	192.168.1.143	Subnet Mask	255.255.255.0
Default Gateway	192.168.1.2	Primary Domain Name Server	192.168.1.2
Secondary Domain Name Server	192.168.1.2	MAC Address	00:C0:CA:1B:2D:58
USB Wireless Adapter Information			
Network Mode	Infrastructure	Protocol	802.11bg linked
Network Name (SSID)	VAP	Unique ID (BSSID)	00:11:45:02:48:07
Signal Strength	79/100	Connection Speed	54 Mb/s
Security Settings			
Authentication	Disable	Encryption	Disable
LAN Configuration			
LAN IP Address	192.168.2.1	LAN Netmask	255.255.255.0
MAC Address	00:22:2D:84:E2:24		
System Info			
Firmware Version	0.2.0.2-1011 (Oct 11 2010)	System Time	Fri, 01 Jan 2010 00:00:49
Operation Mode	Router Mode		

Notice:

1. You can Site Survey again and find the R36 Radio (ALFA-Extend)

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	RSSI	Channel	Encryption	Authentication	Network Type
<input type="radio"/>	WWW	00:C0:CA:36:C6:16	54 Mb/s	100/100	8	AES/TKIP	WPA2	Infrastructure
<input checked="" type="radio"/>	VAP	00:11:45:02:48:07	54 Mb/s	79/100	1	None	None	Infrastructure
<input type="radio"/>	WLAN	00:05:CA:43:19:18	54 Mb/s	57/100	1	None	None	Infrastructure
<input type="radio"/>	TP-LINK	94:0C:6D:00:ED:65	54 Mb/s	80/100	6			Infrastructure
<input type="radio"/>	Kentstar2	00:08:54:AE:C0:08	54 Mb/s	91/100	11	AES		Infrastructure
<input type="radio"/>	guest	00:1C:0E:41:6B:21	54 Mb/s	59/100	11			Infrastructure
<input type="radio"/>	3G router	00:C0:CA:36:DC:E2	54 Mb/s	52/100	11	None	None	Infrastructure
<input type="radio"/>	employee	00:1C:0E:41:6B:20	54 Mb/s	60/100	11	WEP	OPEN/SHARED	Infrastructure
<input checked="" type="radio"/>	ALFA-Extend	00:22:2D:84:E2:26	54 Mb/s	82/100	10	None	None	Infrastructure

Keep both SSID channels away as possible

Select Rescan Close

2. To avoid USB Wireless Radio interfering you may turn off the radio of R36 Router from Advanced box.

Status Easy Setup **Advanced** Language English

Basic Wireless Settings
This section allows you to configure basic wireless features such as SSID settings as well as HT Physical Mode settings.

Wireless Network

Wireless On/Off **Turn Off**

Network Mode 11b/g/n mixed mode

Network Name (SSID) ALFA-Extend Hide

Multiple SSID1 Hide

Broadcast Network Name (SSID) Enable Disable

AP Isolation Enable Disable

MBSSID AP Isolation Enable Disable

BSSID 00:22:2D:84:E2:26

Frequency (Channel) 2457MHz (Channel 10)

HT Physical Mode

Channel Bandwidth 20 20/40

MCS Auto

Aggregation MSDU (A-MSDU) Disable Enable

Decline BA Request Disable Enable

Guard Interval Long Auto

Reverse Direction Grant (RDG) Disable Enable

Auto Block ACK Disable Enable

HT Disallow TKIP Disable Enable

Apply Cancel