



**Guía Rápida WIS D523AC – D5230AN**

**Versión de Firmware: 1.0.0316.20151218**

**Especificaciones:**

Model	 <b>WIS-D5230</b>	 <b>WIS-D523AC</b>
Frequency	5GHz	5GHz
Speed	300Mbps	867Mbps
Tx Power	23dBm	27dBm
Antenna Gain	23dBi	23dBi
ETH	1*100M	1*1000M

**Configuración Rápida LAN**

Colocar IP Fija en el siguiente Rango: **192.168.1.x** (Siendo x cualquier número comprendido entre 1 y 254 a excepción del 2).

Abrir navegador y colocar en la barra de direcciones: **192.168.1.2**

**Credenciales por defecto**

Usuario: **admin**

Contraseña: **admin**

## Configuración

Dirigirse a la pestaña de **Radio** y configurar como se visualiza en la imagen:

(Verificar los siguientes parámetros)

- **Modo: Estación**
- **Region: EEUU (En caso de no visualizar Aruba probar en Argentina)**
- **Potencia: 23 o 27Dbm (Dependiendo el equipo)**

The screenshot displays the WIS Networks configuration interface. At the top, there is a navigation bar with the following tabs: WID, STATUS, RADIO, WIRELESS, NETWORK, SERVICES, and SYSTEM. The 'RADIO' tab is currently selected. The main content area is titled 'Basic Settings' and contains the following configuration options:

- Wireless Mode: Station
- Region Code: United States
- IEEE 802.11 Mode: 802.11an
- Channel Width: Auto 20/40 MHz
- Channel Shifting: Disable
- Channel: Auto
- Auto Adjust EIRP Limit:
- Tx Power: 23 dBm
- Max TX Rate: MCS 15 - 144.4 [300]Mbps
- Frequency Scan List(MHz):  Enable

Below the 'Basic Settings' section, there are three expandable sections: 'Advanced Settings', 'WMM Settings', and 'WEP KEY'. At the bottom of the configuration area, there is an 'Apply' button. On the right side of the interface, there are two buttons: 'Save All: Save' and 'Logout: Exit', and a 'Tools: Tools' dropdown menu.

Luego vamos a la pestaña **Wireless** y seleccionamos **Scan** para buscar la antena



WiD STATUS RADIO **WIRELESS** NETWORK SERVICES SYSTEM

Wireless Settings ^

SSID : WiFi3.0-LP-Este

Lock to AP MAC : F0:5C:19:BE:CC:51

VLAN : None ▾

DHCP Fake :

Wireless Security ▾

Save All:

Logout:

Tools:  ▾

Una vez visualizada la antena de gobierno con mayor intensidad (Tener en cuenta que la señal debe aproximarse al 0 ya que son números negativos) seleccionar en la parte derecha donde dice **Lock to AP** y guardar los cambios con **Apply**

The image shows the WIS Networks management interface. The top navigation bar includes: **WiD**, **STATUS**, **RADIO**, **WIRELESS**, **NETWORK**, **SERVICES**, and **SYSTEM**. The **WIRELESS** section is active, showing **Wireless Settings** and **Wireless Security** tabs.

**Wireless Settings** includes:

- SSID:
- Lock to AP MAC:
- VLAN:
- DHCP Fake:

On the right, there are buttons for **Save All: Save**, **Logout: Exit**, and a **Tools: Tools** dropdown menu.

A **Scan List - Google Chrome** window is overlaid, displaying a scan list. The URL is `10.16.83.28/scanlist.html?mode=scan`. A note states: "Note: Site Survey can only scan the channel/frequency supported by current region code." A **Scan** button is visible above the table.

MAC Address	SSID	Device Name	Auth_mode	Encryption	Signal / Noise, dBm	Frequency, GHz	Channel	
1. F0:5C:19:BE:CC:51	WIFI3.0-LP-Este				-79 / -95	5.58	116	<input type="button" value="Lock to AP"/>
2. F0:5C:19:BD:B0:31	WIFI3.0-LP-Este				-82 / -95	5.68	136	<input type="button" value="Lock to AP"/>
3. 00:0C:42:88:F0:39					-84 / -95	5.28	56	
4. 80:2A:A8:B8:3E:24	WN-LP-58-02				-63 / -95	5.32	64	<input type="button" value="Lock to AP"/>
5. 02:18:1A:84:63:4C	Hospital LP - WiFi 3.0				-71 / -95	5.745	149	<input type="button" value="Lock to AP"/>
6. F0:9F:C2:84:5E:43	WN-LP-58-03-D				-81 / -95	5.54	108	<input type="button" value="Lock to AP"/>
7. 80:2A:A8:BA:2D:BC					-81 / -95	5.62	124	
8. DC:9F:DB:2E:D3:BA			WPA2	CCMP	-68 / -95	5.805	161	
9. F0:9F:C2:E6:E4:F4			WPA2	CCMP	-68 / -95	5.68	136	

A **Scan** button is visible below the table.

# MODO ROUTER

Para configurar en modo **Router** dirigirse a la pestaña **Network** y seleccionar el modo **WISP** como en la imagen:

(Verificar los siguientes parámetros)

- En el apartado **WAN Network Settings – Wan IP Address** seleccionar **DHCP**
- Activar **NAT** y sus 4 **protocolos**

The screenshot shows the Mikrotik WinBox interface with the **NETWORK** tab selected. The **Network Role** section is expanded, showing **Network Mode** set to **WISP Mode** and **Configuration Mode** set to **Simple**. The **WAN Network Settings** section is also expanded, showing **WAN Interface** as **wlan1**, **WAN IP Address** set to **DHCP**, **Fallback IP** and **Fallback Netmask** as empty fields, **MTU** as **1500**, **DMZ** as , **NAT** as  **Enable**, **NAT Protocol** with  **SIP**,  **PPTP**,  **FTP**, and  **RTSP**, and **Auto IP Aliasing** as . On the right side, there are buttons for **Save All: Save**, **Logout: Exit**, and a **Tools: Tools** dropdown menu. At the bottom of the configuration area, there is an **Apply** button.

**Seleccionar la pestaña inferior VLAN Interface y configurar como en la imagen**

*(Verificar los siguientes parámetros)*

- IP : **Estatica**
- Ip Address **192.168.1.2**
- Activar **DHCP** Server
- Ip Inicio: **192.168.1.20**
- Ip Final: **192.168.1.200**

**Aplicar Cambios**

The screenshot displays a network management interface with a green header containing navigation tabs: WiD, STATUS, RADIO, WIRELESS, NETWORK, SERVICES, and SYSTEM. The 'NETWORK' tab is active. The main content area is divided into several sections: Network Role, WAN Network Settings, VLAN Interface, Ethernet Interface, Static Routes, Port Forwarding, Traffic Shaping, and Broadcast Limit. The 'VLAN Interface' section contains a table with one entry: ID 1, Interface vlan1, Mode Static. An 'Edit VLAN Interface' dialog box is overlaid on top, showing configuration fields for IP Address (192.168.1.2), Netmask (255.255.255.0), Gateway IP, MTU (1500), DHCP Server (checked), IP Start (192.168.1.20), IP End (192.168.1.200), Netmask (255.255.255.0), and Lease Time (3600). The dialog box has 'Apply' and 'Reset' buttons at the bottom. In the top right corner of the main interface, there are 'Save All' (with a 'Save' sub-button) and 'Logout' (with an 'Exit' sub-button) buttons, along with a 'Tools' dropdown menu.

**Para finalizar guardamos los cambios haciendo Click en el botón *Save* en la parte superior derecha *Save All***

Para corroborar el correcto enlace nos dirigimos a la pestaña de **Status – Wireless** y verificamos que en **DHCP Client** se visualicen los parámetros de Red que nos brinda la antena Aruba



WiD STATUS RADIO WIRELESS NETWORK SERVICES SYSTEM

### Status

WIRELESS NETWORK SYSTEM

#### Radio

Wireless Mode :	Station	Radio Mode :	11an
Channel/Frequency :	116 / 5580	Tx Power :	23 dBm
Channel Width :	20 MHz	Tx Busy :	0
Region Code :	United States	Rx Busy :	12
Max Rate :	144.4 Mbps	Total Busy :	12
WiD TDMA :	Disable		

Station1 [Up]

SSID :	WiFi3.0-LP-Este	BSSID :	F0:5C:19:BE:CC:51
Security :	NONE	Signal Strength :	-71 dBm

### Monitor

[Throughput](#) | [Interfaces](#) | [ARP](#) | [AP Stats](#) | [Routes](#) | [DHCP Client](#) | [Log](#)

IP Address:	10.16.83.28	Interface:	ath0
Netmask:	255.255.255.0	Gateway:	10.16.83.1
Primary DNS IP:	10.16.64.10	Secondary DNS IP:	
Total Lease Time:	00 - 01:00:00	Running Time:	00 - 00:04:04

Logout:

Tools:  ▼