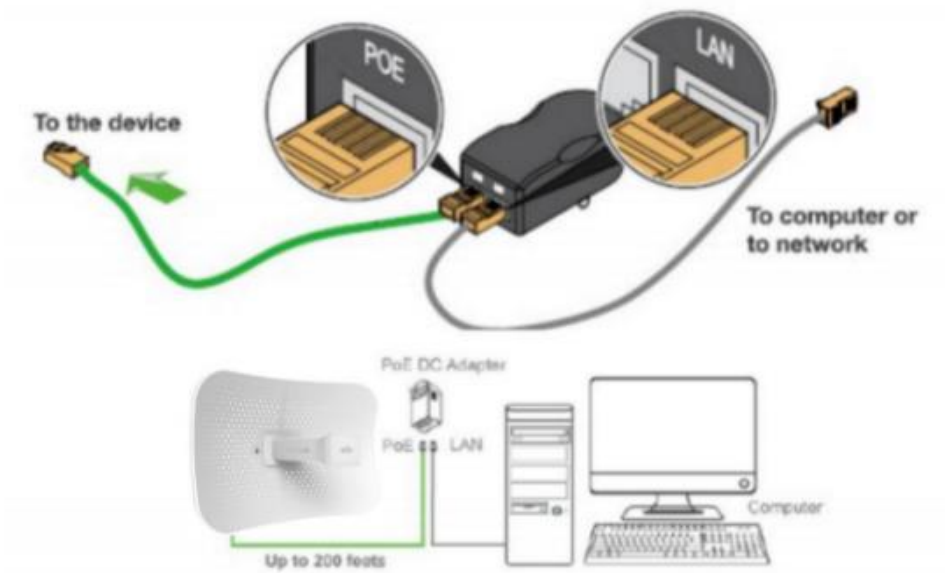


GUIA RAPIDA WIS-D523-AC

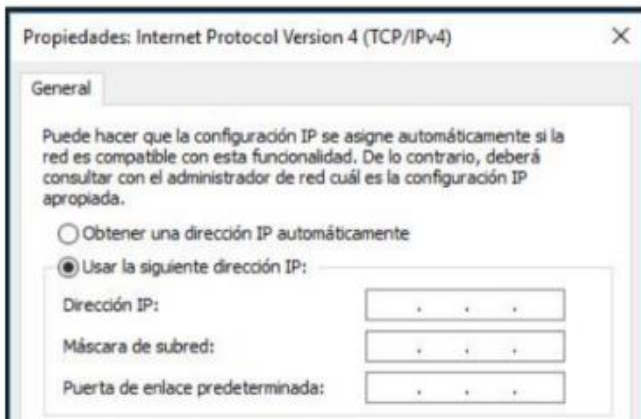


Sujeto a modificaciones técnicas condicionadas por el desarrollo de la tecnología Wifi 3.0

1- Verificar todo el cableado que esté correctamente conectado.



2-Configurar la placa lan/ethernet con dirección ip **192.168.1.10** y máscara de subred: **255.255.255.0**



3. Ingresar al navegador y luego acceder a través de la ip: **192.168.1.2** (Espere unos segundos después de encender el dispositivo)



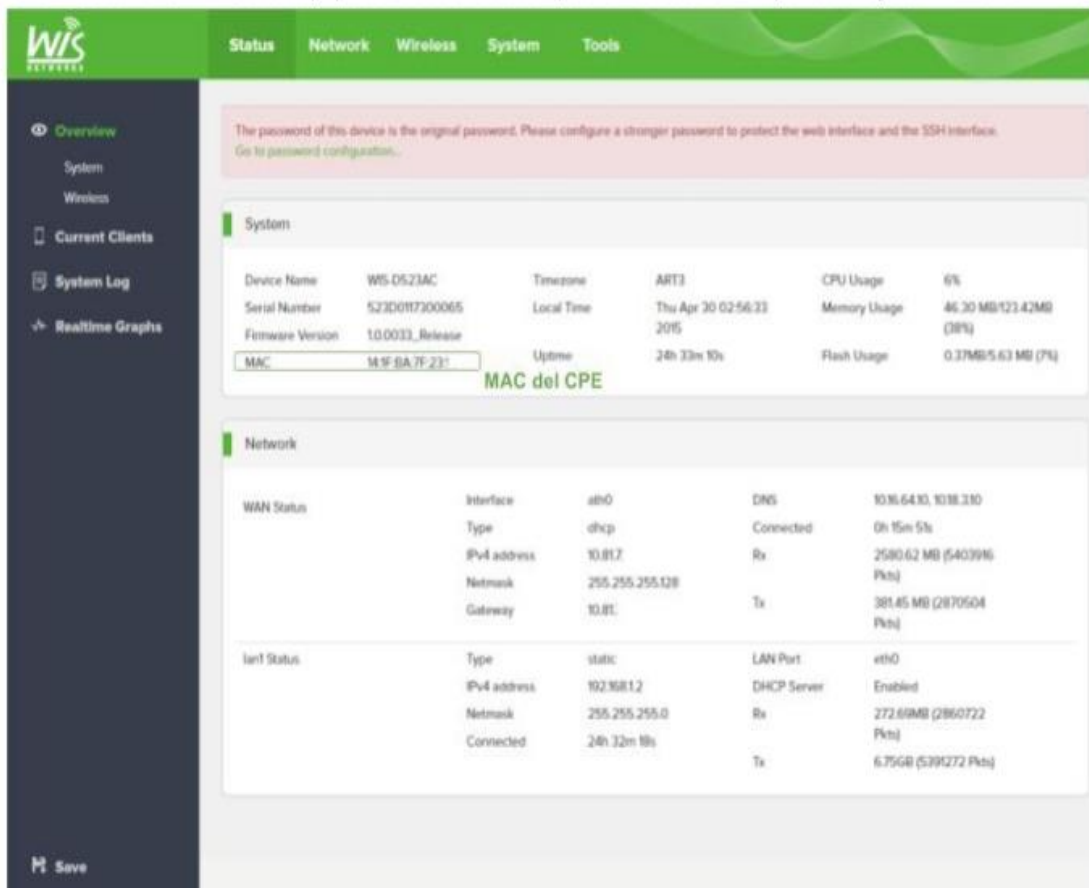
Sujeto a modificaciones técnicas condicionadas por el desarrollo de la tecnología Wifi 3.0

4- Nos traerá el inicio de sesión. Para ingresar al menú de configuración de la antena debe loguearse con usuario(username): admin , contraseña(password): admin , lenguaje(language): English , region(region): United States.



The image shows the WIS OS login interface. On the left is the WIS OS logo. On the right, there are four input fields: Username (containing 'admin'), Password (containing '*****'), Language (a dropdown menu set to 'English'), and Region (a dropdown menu set to '-Select your country'). Below these fields is a green 'Login' button.

Para visualizar la MAC del equipo se debe acceder: pestaña: **Status** → Apartado: **System** → Info: **MAC**



The image shows the WIS OS Status page. The top navigation bar includes 'Status', 'Network', 'Wireless', 'System', and 'Tools'. The left sidebar has 'Overview' selected, with sub-items for 'System', 'Wireless', 'Current Clients', 'System Log', and 'Realtime Graphs'. The main content area has a warning message about the password and a 'System' section with a table of device information. The MAC address 'M 9: 6A: 7F: 23: 1' is highlighted and labeled 'MAC del CPE'. Below is a 'Network' section with WAN and LAN status details.

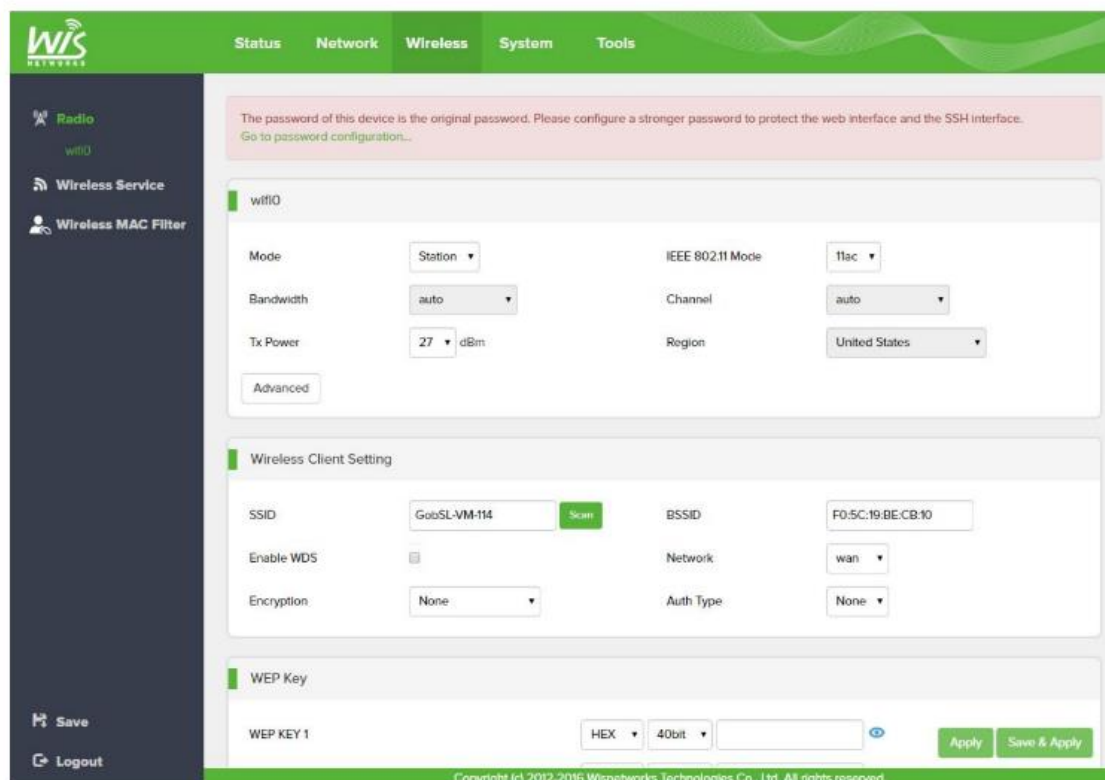
Device Name	WS-0523AC	Timezone	ART3	CPU Usage	6%
Serial Number	523D017300065	Local Time	Thu Apr 20 02:56:23 2015	Memory Usage	46.30 MB/123.42MB (38%)
Firmware Version	1.0.0033_Release	Uptime	24h 33m 10s	Flash Usage	0.37MB/5.63 MB (7%)
MAC	M 9: 6A: 7F: 23: 1				

MAC del CPE

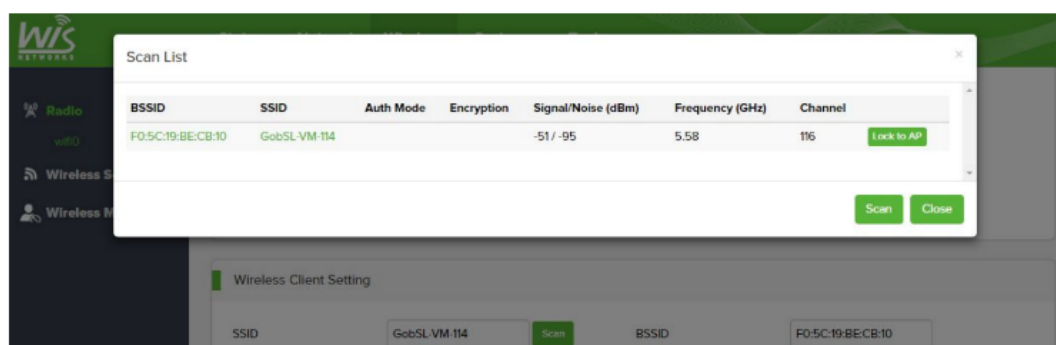
WAN Status	Interface	eth0	DNS	10.16.64.10, 10.18.330
	Type	dhcp	Connected	0h 15m 5s
	IPv4 address	10.81.7	Rx	2580.62 MB (540396 Pkts)
	Netmask	255.255.255.128	Tx	381.45 MB (2870504 Pkts)
	Gateway	10.81.		

lan1 Status	Type	static	LAN Port	eth0
	IPv4 address	192.168.1.2	DHCP Server	Enabled
	Netmask	255.255.255.0	Rx	272.69MB (2860722 Pkts)
	Connected	24h 32m 18s	Tx	6.75GB (5391272 Pkts)

5- Vamos a realizar la configuración del apartado: wifi0 como se visualiza en la siguiente imagen (Tx Power depende de la distancia)



Luego vamos al apartado: **Wireless Client Setting** → configuración: **SSID** → Botón: **Scan**



Nos despliega un pop up con la Lista de APs. En ella debemos buscar el AP al que nos deseamos conectar, corroborando que Signal - Noise \geq 20dB para asegurar un buen enlace (en el ejemplo: $-51 - (-95) = 44\text{dB} > 20\text{dB}$).

Una vez que hayamos presionado **Lock to AP** hacemos click en el botón: **Save & Apply**

Sujeto a modificaciones técnicas condicionadas por el desarrollo de la tecnología Wifi 3.0

6- Luego vamos a la pestaña: **Network** → menu: **Interface** → submenú: **WAN Interface** y corroboramos que esté configurado como se muestra en la imagen inferior.

The screenshot shows the 'WAN Interface' configuration page in the Wisnetworks web interface. The page is divided into two main sections: 'General Setup' and 'Advanced Settings'. The 'General Setup' section includes fields for 'Status', 'Interface', 'Protocol', 'Hostname', 'Use DNS servers advertised by peer', and 'Enable NAT'. The 'Advanced Settings' section includes fields for 'MAC-Address' and 'MTU'. The 'Interface' section shows a table with columns for 'Untag Port', 'Tag Port', and 'Bridge'. The 'Protocol' is set to 'DHCP client'. The 'Hostname' is 'LutHPc FOKO'. The 'Use DNS servers advertised by peer' and 'Enable NAT' checkboxes are checked. The 'MAC-Address' is 'F0:5C:19:BE:CB:10' and the 'MTU' is '1500'. There are 'Apply' and 'Save & Apply' buttons at the bottom right of the 'Advanced Settings' section. The footer of the page reads 'Copyright (c) 2012-2016 Wisnetworks Technologies Co., Ltd. All rights reserved.'

En el submenú: **LAN Interface** debemos visualizar como figura en la imagen siguiente

The screenshot shows the 'LAN Interface' configuration page in the Wisnetworks web interface. The page is divided into two main sections: 'VLAN Overview' and 'Add New VLAN'. The 'VLAN Overview' section includes a table with columns for 'Name', 'LAN Port', 'Protocol', 'IPv4-Address', 'Netmask', and 'DHCP Server'. The table contains one entry: 'lan1' on 'eth0' with 'static' protocol, '192.168.1.2' IPv4-Address, '255.255.255.0' Netmask, and 'Enabled' DHCP Server. There are 'Disable', 'Delete', and 'Edit' buttons for this entry. The 'Add New VLAN' button is located at the bottom right of the 'VLAN Overview' section. A warning message at the top of the page reads: 'The password of this device is the original password. Please configure a stronger password to protect the web interface and the SSH interface. Go to password configuration...'

Luego Se debe configurar para que asigne IP la antena y pueda navegar (como un modo router en DHCP). CLICK en **EDIT**

VLAN Overview

Name	LAN Port	Protocol	IPv4-Address	Netmask	DHCP Server	
lan1	eth0	static	192.168.1.2	255.255.255.0	Enabled	<input type="button" value="Disable"/> <input type="button" value="Delete"/> <input type="button" value="Edit"/>

Dentro del mismo se debe configurar adecuadamente los parámetros como muestra la imagen.

LAN Interface

DHCP Service

Static Routes

Firewall

lan1

LAN Name: lan1

LAN Port:

Untag Port	Tag Port
<input checked="" type="checkbox"/> eth0	
<input type="checkbox"/> eth0 (wan)	

Add Port: eth0 Tag ID:

STP:

Auto IP Alias:

Protocol: Static

IPv4 Address: 192.168.1.2

Netmask: 255.255.255.0

Gateway:

MTU: 1500

Save

Logout

Luego de Guardar cambios, nos dirigimos a **DHCP SERVICE**

The screenshot shows a network management interface with a dark sidebar on the left containing menu items: Interface, DHCP Service (highlighted), Static Routes, and Firewall. The main content area has a pink warning banner at the top: "The password of this device is the original password. Please configure a stronger password to protect the web interface and the SSH interface. Go to password configuration...". Below this is the "DHCP Services Overview" section, which contains a table with columns: Interface, Status, Start, Limit, Leasetime, and Action. The table lists one service on interface 'lan1' with status 'Enabled', start '192.168.30.20', limit '192.168.30.200', and leasetime '200h'. Action buttons for 'Disable', 'Edit', and 'Delete' are present. A green button "Add new DHCP Server" is located below the table. The "DHCP Static Leases" section below features a table with columns: Hostname, MAC-Address, IP-Address, and Action. Below the table are input fields for Hostname, MAC-Address (with a dropdown menu showing "04:95:e6:da:13:50 (192.168.184)"), and IP-Address (with a dropdown menu showing "192.168.184"), followed by an "Add" button.

Interface

DHCP Service

Static Routes

Firewall

The password of this device is the original password. Please configure a stronger password to protect the web interface and the SSH interface.
Go to password configuration...

DHCP Services Overview

Interface	Status	Start	Limit	Leasetime	Action
lan1	Enabled	192.168.30.20	192.168.30.200	200h	Disable Edit Delete

Add new DHCP Server

DHCP Static Leases

Hostname	MAC-Address	IP-Address	Action
Hostname: <input type="text"/>	MAC-Address: 04:95:e6:da:13:50 (192.168.184) ▼	IP-Address: 192.168.184 ▼	Add

Dar en **ADD NEW DHCP SERVER** y configuramos tal cual la imagen.

Interface
DHCP Service
Static Routes
Firewall

The password of this device is the original password. Please configure a stronger password to protect the web interface and the SSH interface.
[Go to password configuration...](#)

VLAN DHCP Server

Enable

Start

Limit

Lease Time hour

DNS proxy

[Back to Overview](#)

Save Apply Save & Apply

Guardamos y verificamos que en **wireless** / opción **network** / este como **wan**

WIS NETWORKS

Status Network **Wireless** System Tools

Radio
wifi0
Wireless Service
Wireless MAC Filter

The password of this device is the original password. Please configure a stronger password to protect the web interface and the SSH interface.
[Go to password configuration...](#)

wifi0

Mode IEEE 802.11 Mode

Bandwidth Channel

Tx Power dBm Region

[Advanced](#)

Wireless Client Setting

SSID [Scan](#) BSSID

Enable WDS Network

Encryption Auth Type

Luego debemos dirigirnos a: pestaña: **Status** → Apartado: **Network** y aguardar a que el AP al que nos hemos conectado nos haya entregado IP (10.X.X.X), visualizandola en el subapartado: **WAN Status** → info: **IPv4 address**

Network				
WAN Status	Interface	ath0	DNS	10.16.64.10, 10.18.3.10
	Type	dhcp	Connected	0h 17m 54s
	IPv4 address	10.16.64.10	Rx	2885.46 MB (5650648 Pkts)
	Netmask	255.255.255.128	Tx	428.22 MB (3023614 Pkts)
	Gateway	10.16.64.1		
lan1 Status	Type	static	LAN Port	eth0
	IPv4 address	192.168.1.2	DHCP Server	Enabled
	Netmask	255.255.255.0	Rx	285.09MB (2988685 Pkts)
	Connected	1d 2h 4m 22s	Tx	7.03GB (5623853 Pkts)