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1. Web Interface Configuration

The EZMIMO™ can be conveniently configured using its web interface. The web interface can be accessed through a web browser such as Internet Explorer, Mozilla Firebox, Apple Safari, Opera, etc. The web interface provides intuitive navigation and options for you to easily configure the unit. Figure 1 shows a sample page of the web interface.

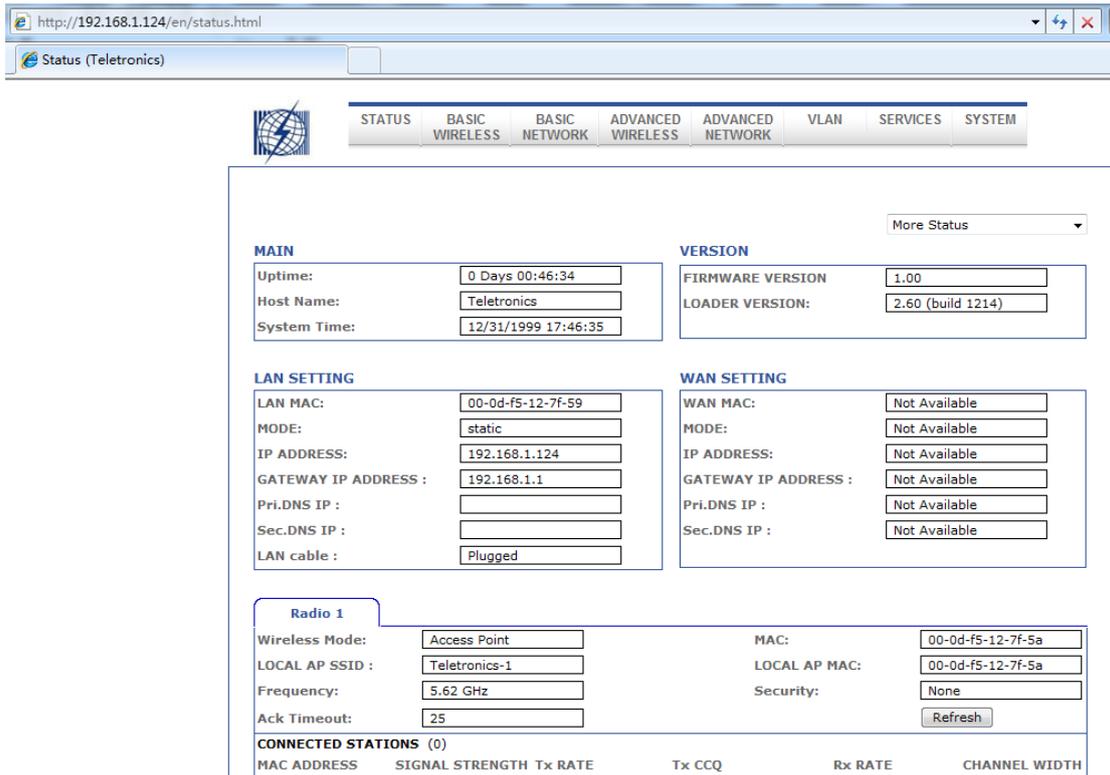


Figure 1

1.1 Login Information

Afer properly connectng and powering the unit, wait for the unit to finish the boot-up process. On the computer connected to the EZMIMO™ via Ethernet, open a browser and point it to the IP address of the EZMIMO™ (192.168.1.124 by default), as shown in Figure 2.



Figure 2

The IP address of the EZMIMO™ can be changed once you have logged in. In order to access the web interface, the computer needs to be configured for the subnet to

which the EZMIMO™ belongs. To log in to the web interface, enter the user name and password in the prompt that appears, as shown in Figure 3.



Figure 3

The default user name is ‘**admin**’ and the default password is ‘**password**’. The password can be changed once you have logged in. After logging in, you will see the page shown in Figure 1.

1.2 Saving Configuration Changes

To save any configuration changes, on the lower or top right hand side there have a button shown in Figure4.

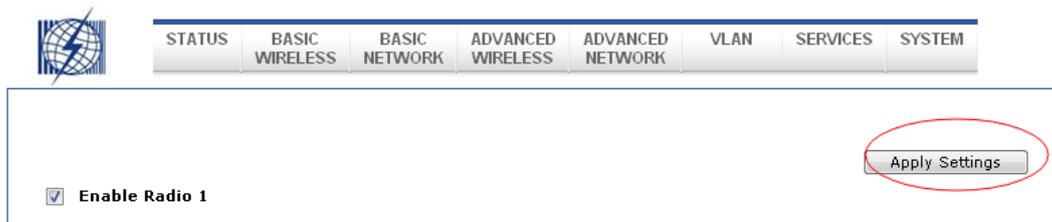


Figure 4.

Once you have made the changes, you click on “Apply Settings” When the page reloads it will it will look like Figure 5.

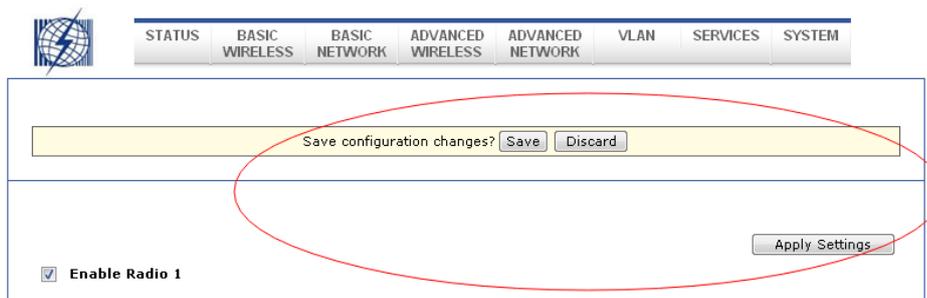


Figure 5.

From here you can continue configuring your device and just saving each time click on “Save” which will apply the changes made to the device.

Note: Sometimes there might be more changes listed than what you did yourself. That is because some changes require more than one change to the configuration file.

1.3 Status Page

The web interface is the home page and thus is the page displayed when you log in. This page displays a summary of the current configuration and status of the EZMIMO™, as shown in Figure 4.

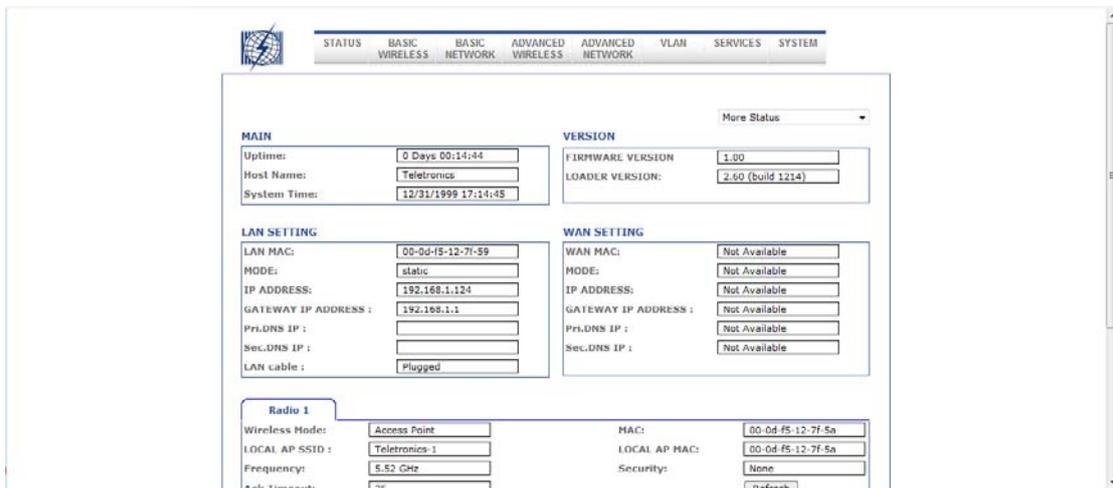


Figure 6.

1.4 Log

1.4.1 Log Settings

Always you to back up and view previous syslogs of your EZMIMO™ on a remote server, as seen in Figure 7.



SYSTEM LOG

Enable System Log:

Logging IP/Domain Name:

Logging Port:

Figure 7.

1.5 System

1.5.1 Settings

Allows you to configure the devices name so you can easily identify your device in your network, as seen in Figure 9. In addition, give you the option of either connecting to an NTP server (connects by default if there is an internet connection) or to manually set the Time zone, date and time for the device. You also have the option of either removing or adding an additional NTP server to connect to in case the first one is unavailable.



STATUS
BASIC WIRELESS
BASIC NETWORK
ADVANCED WIRELESS
ADVANCED NETWORK
VLAN
SERVICES
SYSTEM

SPANNING TREE PROTOCOL (STP) SETUP

Enable STP:

Root Priority: (Range : 0 to 65536)

Root Hello Time: (Range : 1 to 10)

Root Forward Delay: (Range : 4 to 30)

NTP SETUP

Select Your Time Zone:

Current Router Time: GMT-07:00

Proposed Router Time:

Enable NTP Client:

Known Time Server:

Time Server:

Figure 9.

1.5.2 Password

Allows you to change the old password to a new one. It is highly recommended to change the default password for security reasons.



STATUS
BASIC WIRELESS
BASIC NETWORK
ADVANCED WIRELESS
ADVANCED NETWORK
VLAN
SERVICES
SYSTEM

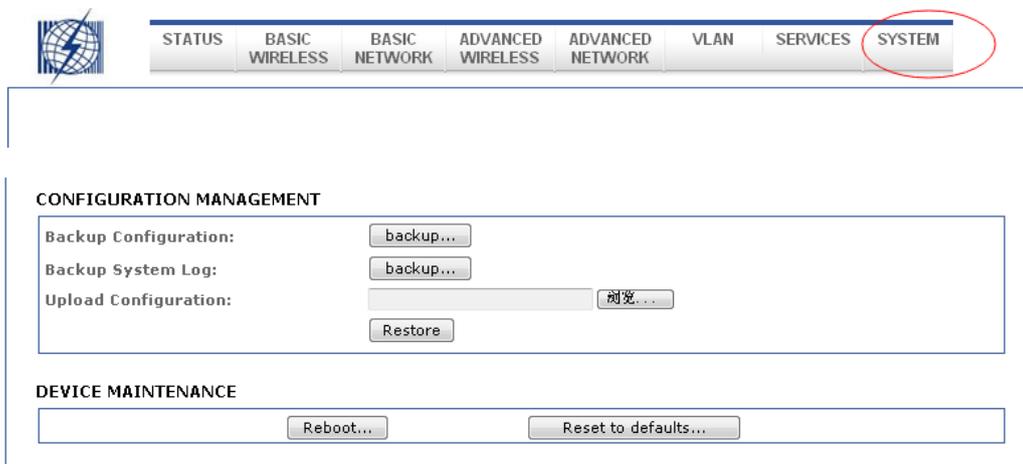
ADMINISTRATIVE ACCOUNT

Administrator Username:	<input type="text" value="admin"/>
Current Password:	<input type="password"/>
New Password:	<input type="password"/>
Verify New Password:	<input type="password"/>
<input type="button" value="Apply"/>	

Figure 10.

1.5.3 Backup and Restore

This page allows you to back up your current configuration, restore a previous configuration or restore your device to factory default.



The screenshot shows the 'SYSTEM' menu selected in the top navigation bar. Below the navigation bar, the 'CONFIGURATION MANAGEMENT' section contains the following options:

- Backup Configuration:
- Backup System Log:
- Upload Configuration:
-

The 'DEVICE MAINTENANCE' section contains the following options:

-
-

Figure 11.

Note: It is highly recommended that you back up your configuration every time a change is made in case the device is reset.

1.5.4 Upgrade

Allows you to upgrade the device to the newest firmware version.



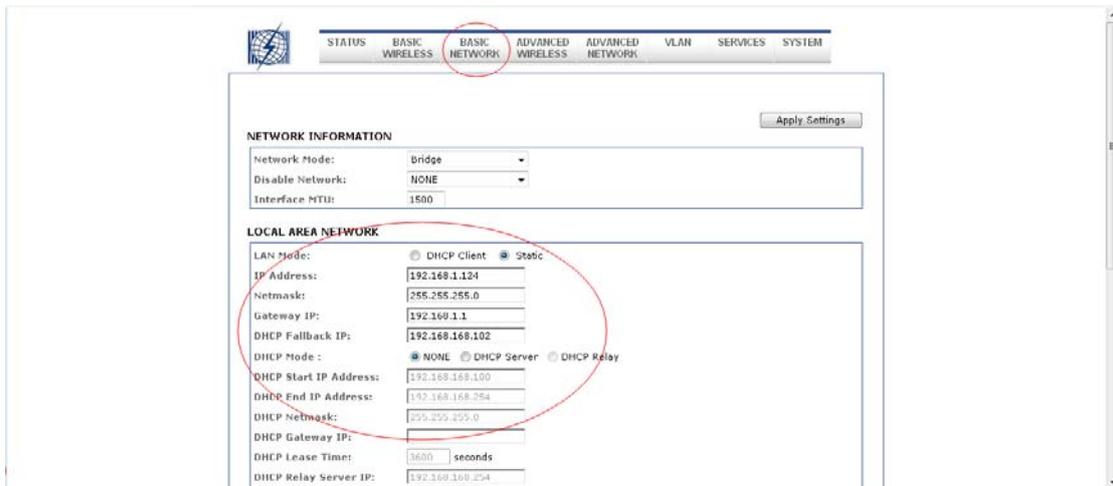
The screenshot shows the 'FIRMWARE UPGRADE' section in the 'SYSTEM' menu. The 'Firmware Version' field is set to '1.00'. Below it is a file upload area with a '浏览...' button and an 'Upload' button.

Figure 12.

1.6 Network

1.6.1 LAN

LAN Configuration page is used to setup the Connection Type, IP Address, Netmask, Default Gateway, and DNS Servers. In the Connection Type, there are two options, “Static IP” or “DHCP.” In Static IP, you will have to manually enter the IP Address, Netmask, Default Gateway, and DNS Servers. In DHCP, the device will receive its IP Address, Netmask, Default Gateway, and DNS Servers from a DHCP server.



NETWORK INFORMATION	
Network Mode:	Bridge
Disable Network:	NONE
Interface MTU:	1500

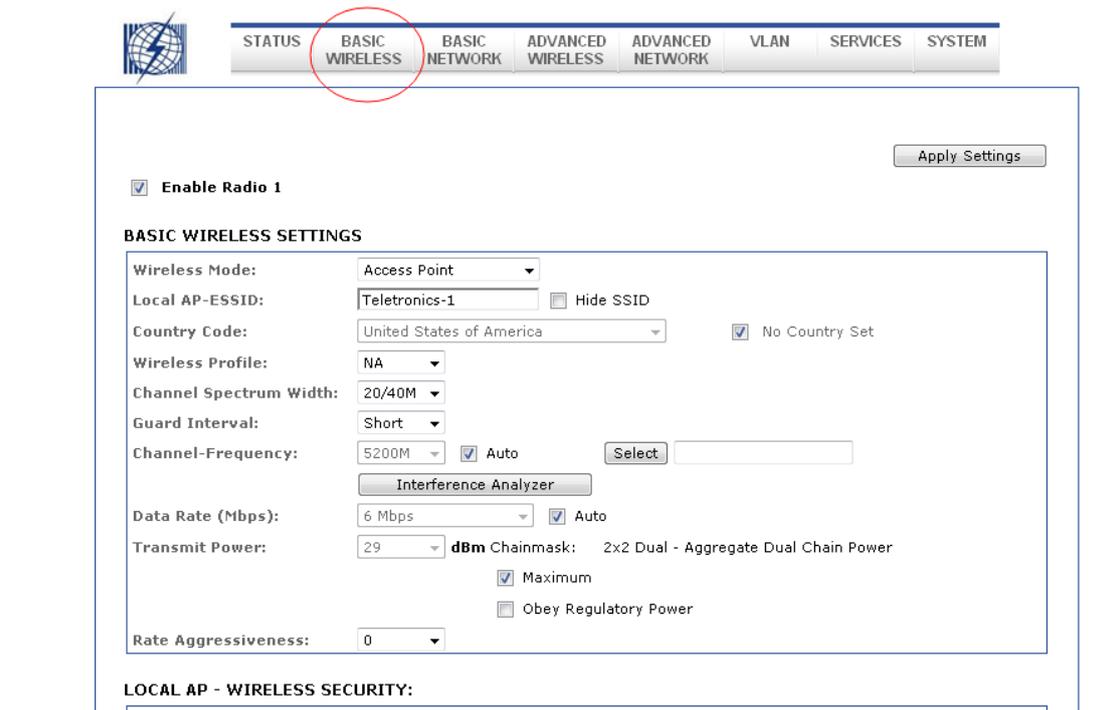
LOCAL AREA NETWORK	
LAN Mode:	<input type="radio"/> DHCP Client <input checked="" type="radio"/> Static
IP Address:	192.168.1.124
Netmask:	255.255.255.0
Gateway IP:	192.168.1.1
DHCP Fallback IP:	192.168.168.102
DHCP Mode:	<input checked="" type="radio"/> NONE <input type="radio"/> DHCP Server <input type="radio"/> DHCP Relay
DHCP Start IP Address:	192.168.168.100
DHCP End IP Address:	192.168.168.254
DHCP Netmask:	255.255.255.0
DHCP Gateway IP:	
DHCP Lease Time:	3600 seconds
DHCP Relay Server IP:	192.168.168.254

Figure 13.

1.6.2 Wireless

This page is to configure the wireless interface of the device. Here you can configure the Channel, Bandwidth, Auto Adjust Times, Mode, ESSID Broadcast, DFS/TPC, WDS, Tx Power, RTS, Fragmentation, ESSID, Encryption Type, and MAC Filter.

When click the RADIO1, following website will be display.



STATUS **BASIC WIRELESS** BASIC NETWORK ADVANCED WIRELESS ADVANCED NETWORK VLAN SERVICES SYSTEM

Enable Radio 1 Apply Settings

BASIC WIRELESS SETTINGS

Wireless Mode: Access Point

Local AP-ESSID: Teletronics-1 Hide SSID

Country Code: United States of America No Country Set

Wireless Profile: NA

Channel Spectrum Width: 20/40M

Guard Interval: Short

Channel-Frequency: 5200M Auto

Data Rate (Mbps): 6 Mbps Auto

Transmit Power: 29 **dBm** Chainmask: 2x2 Dual - Aggregate Dual Chain Power

Maximum Obey Regulatory Power

Rate Aggressiveness: 0

LOCAL AP - WIRELESS SECURITY:

Figure 14

1.7 Logout

This page logs you out of the web interface. If you want to go back and view or make any changes, you will have to log in again.

1.8 Reboot

This page will allow you to reboot the machine.