123 Manual, LP-288ai V2.0 TURBO OFDM Compact Outdoor Radio with Throughput Booster.
INSTALLATION IN AP MODE WITH FIRMWARE V2.0.1B2P4

LP288aiV21B2\_M123\_ENB01W



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TURBO OFDM Compact Outdoor
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INSTALLATION
IN AP MODE WITH FIRMWARE
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Check the content of the box, as shown in Figure 1.



Figure 1

2

Prepare the cable with the connector, as shown in Figures 2-1, 2-2 and 2-3.







Figure 2-1

Figure 2-2

Figure 2-3

Connect the cable as shown in Figure 3.



Figure 3

Connect the POE as shown in Figure 4.



Figure 4

5

Connect your PC or switch to the LP-288ai POE, as shown in **Figure 5**.

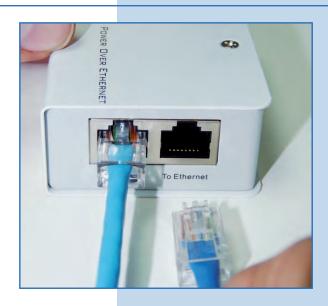


Figure 5

6

Connect to electric power, as shown in Figure 6.



Figure 6



Go to the properties of your network card and select **Internet Protocol**, **Properties**, as shown in **Figure 7**.

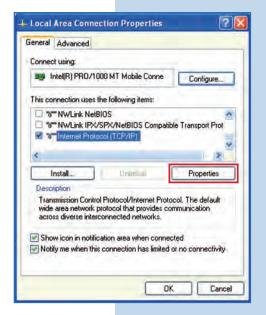


Figure 7

8

Select **Use the following IP address** and type an IP address in the LP-288ai IP range by default. For this example we have selected the address **192.168.1.201**, The LP-288ai has 192.168.1.2 by default. In **Subnet mask** type **255.255.255.0**, in **Default gateway** the destination router address and you also shall enter the **DNS** so the corresponding queries can be sent to it in the network, as shown in **Figure 8**.

Once you have finished, select **OK** twice.

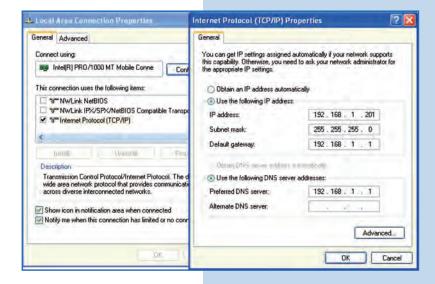


Figure 8

9

Open the web browser of your preference and type the default address 192.168.1.2, as shown in Figure 9.

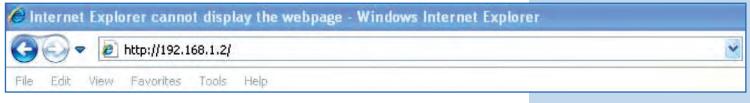


Figure 9



The equipment will request a user and a password. The LP-288ai has two user levels, one with all the privileges, which is **super** by default with **super** as password, and another with fewer privileges with admin as user and admin as password. Type **super** in user and password and select **OK**, as shown in **Figura 10**.



Figure 10

## 11)

Select Basic/Operation Mode and then Access Point in Operation Mode. Enter the name of your wireless network in the SSID field. Uncheck Suppress SSID in case you want the AP not to be hidden. Select the channel in Radio Frequency, adjust the link distance in Distance field, and click on Update, as shown in Figure 11.

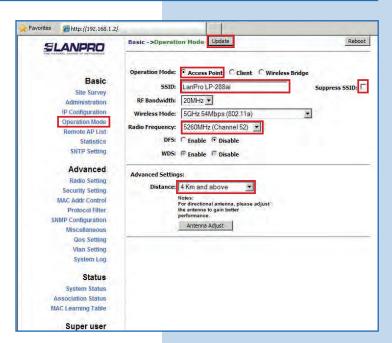


Figure 11



The equipment will save changes, but they will not be effective unless you reboot it. Select **Reboot**, as shown in **Figure 12**.

Reboot Basic ->Operation Mode Update **SLANPRO** Reminder: Please reboot for changes to take effect Basic Operation Mode: • Access Point C Client C Wireless Bridge Site Survey Administration SSID: LanPro LP-288ai Suppress SSID: IP Configuration RF Bandwidth: 20MHz Operation Mode Wireless Mode: 5GHz 54Mbps (802.11a) ٠ Remote AP List Radio Frequency: 5260MHz (Channel 52) Statistics SNTP Setting DFS: C Enable @ Disable Advanced WDS: @ Enable @ Disable Radio Setting Advanced Settings: Security Setting MAC Addr Control Distance: 4 Km and above Protocol Filter SNMP Configuration Qos Setting Antenna Adjust Vlan Setting System Log

Figure 12

13

The restart of the equipment will be displayed in the screen, as shown in **Figure 13**.

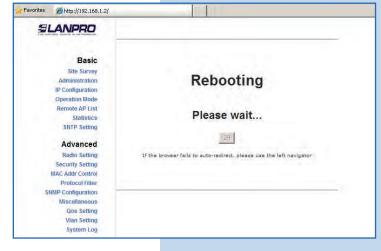


Figure 13

14

Select Advanced/Security Setting and in Security Mode select the encryption mode; for security reasons we recommend WPA2 PSK mode, as shown in Figure 14 (some equipment does not support it). It is important to take into account the connection of the client equipment connecting to this AP; therefore you should check the encryption mode it supports.

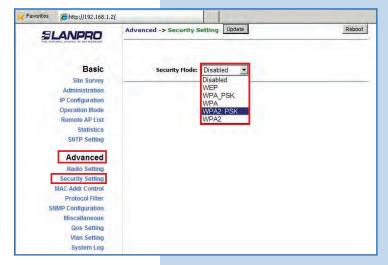


Figure 14

Select the **Cipher Type**, which will depend on the condition aforementioned about the encryption mode. Enter the encryption phrase you wish in **PassPhrase** and click on **Update**, as shown in **Figure 15**.

Reboot Advanced ->Security Setting Update SLANPRO Basic Security Mode: WPA2\_PSK 🔻 Site Survey Administration IP Configuration PassPhrase: 0123456789 Operation Mode Cipher Type: TKIP 🔻 Remote AP List Statistics SNTP Setting Advanced Radio Setting Security Setting Protocol Filter SNMP Configuration Miscellaneous Vlan Setting System Log

Figure 15

16

Once you have saved changes select **Reboot** to make them effective, as shown in **Figure 16**.

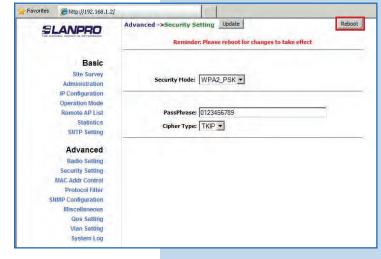


Figure 16

17

The restart of the equipment will be displayed in the screen, as shown in **Figure 17**.

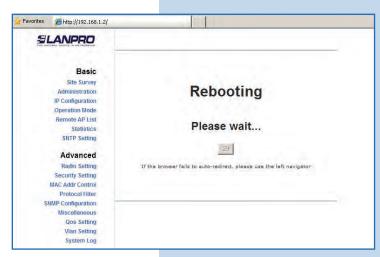


Figure 17



Proceed to change the passwords of the users **admin** and **super** of your equipment. To change **admin** password, select **Basic/Administration** and type the new password on the corresponding field, then select **Update**, as shown in **Figure 18**.

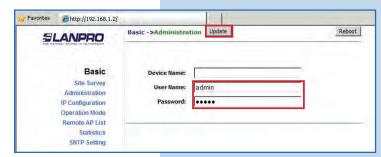
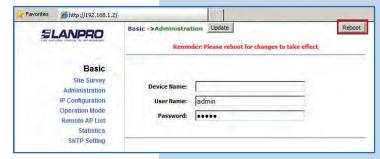


Figure 18

19

To make changes effective select Reboot, as shown in Figure 19.

Figure 19



20

The restart of the equipment will be displayed in the screen, as shown in **Figure 20**.

**SLANPRO** Basic Site Survey Rebooting Administration IP Configuration Operation Mode Remote AP List Please wait... SNTP Setting Advanced Radio Setting If the browser fails to auto-redirect, please use the left navigator Security Setting Protocol Filter SNMP Configuration Qos Setting Vian Setting

Figure 20



Proceed to change the password of user **super**. Remember you have to be authenticated as user super to make this change. Select **Super User/Super User** option and type the new password, then click on **Update**, as shown in **Figura 21**.

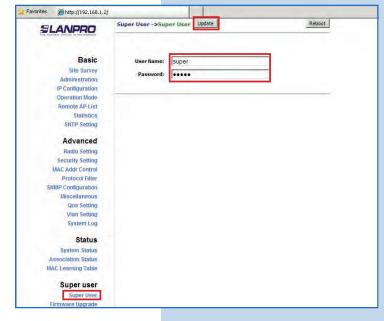


Figure 21

22

To make changes effective select **Reboot**, as shown in **Figure 22**.

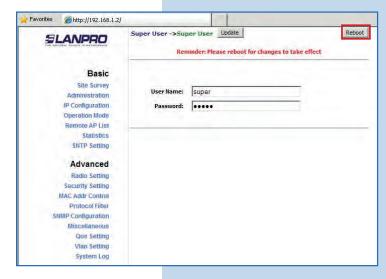


Figure 22

23

The restart of the equipment will be displayed in the screen, as shown in **Figure 23**.

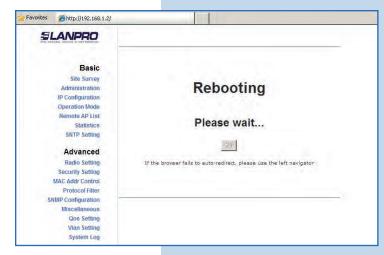


Figure 23



The equipment will request your user and password once again. Enter the value you changed and select  $\mathbf{OK}$ , as shown in **Figure 24**.



Figura 24