

**LP-288ai, 5.8GHz Band Fractional Bandwidth 5/10/20MHz OFDM Radio,  
123 Manual for installation in Client Mode.**

LP288ai\_M123\_ENC01W

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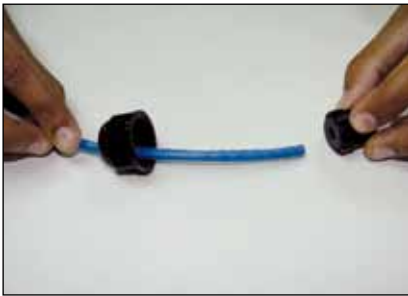
**By following these instructions you will be able to install your LP-288AI in Client Mode.**

- 1 Please check package contents shown in figure 1.



**Figure 1**

- 2 Please prepare the cable with the connector as shown in figure 2a, 2b and 2c.



**Figure 2a**



**Figure 2b**



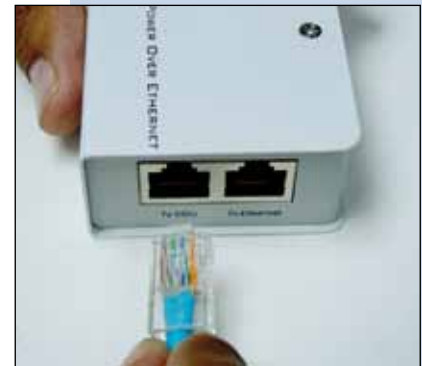
**Figure 2c**

- 3 Connect the cable as shown in figure 3.



**Figure 3**

- 4 Connect the **To ODU** output of the PoE injector to your LP-288AI as shown in figure 4.



**Figure 4**

- 5 Connect one of your PC's or Switch's Ethernet ports to the **To Ethernet** input of the PoE injector of the LP-288ai as shown on figure 5.



**Figure 5**

- 6 Connect the DC Power to the PoE's Injector Male Jack as shown in figure 6.



Figure 6

- 7 Go to the Properties window of your Network Interface card(NIC): **Local Area Connection Properties** and select: **Internet Protocol**, then select: **Properties** as shown in figure 7.

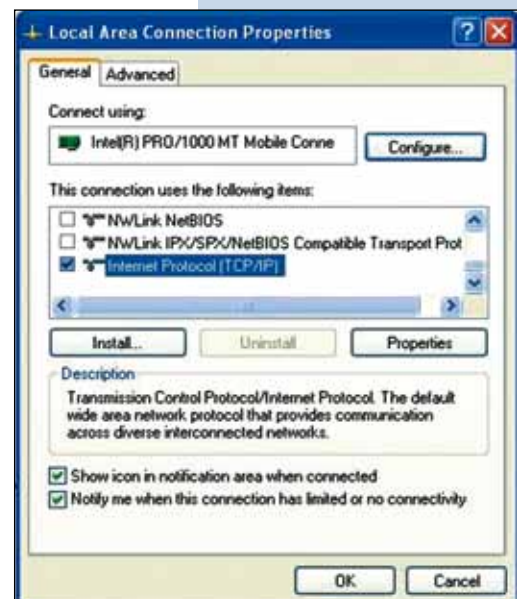


Figure 7

- 8 In the window: **Internet protocol (TCP/IP) Properties** of figure 8, select: **Use the following IP address** and input an IP address in the default IP range of the LP-288ai, in this example we have selected address: 192.168.1.201. The LP-288ai has a default address of: 192.168.1.2, input in: **Subnet mask**: 255.255.255.0 and in: **Default gateway** the destination router address, in: **DNS** you will have to input your ISP's DNS or the destination router address, the one that provides the Internet service, in order that any queries are routed to the destination network's router.

Once finished, please select: **OK** and then: **Close**

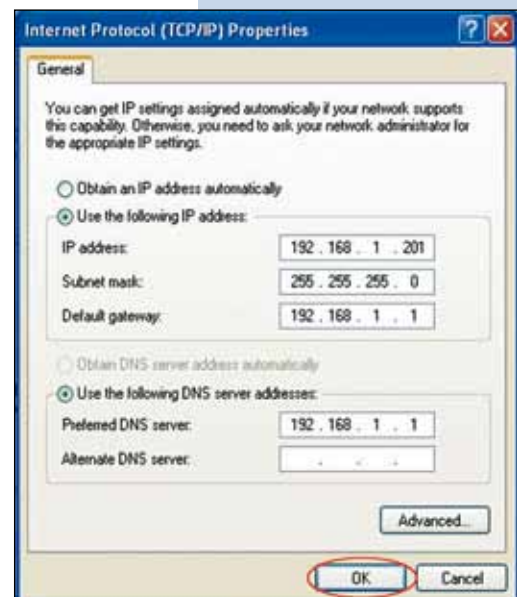


Figure 8

- 9 It is important to mention that in this configuration of the LP-288ai, it will be a client of the destination network. In figure 11 you can see the actual configuration used as a reference.

In this diagram, the destination network is yellow colored. In it, you have a router that provides Internet service connection and has the delivery of addresses enabled in the 192.168.1.x segment, and number of reserved addresses in the scope. The Router will deliver addresses from the 100th to the 200th only, and it provides the Internet connection. The LP-288ai has the default address 192.168.1.3. in the blue colored network segment .

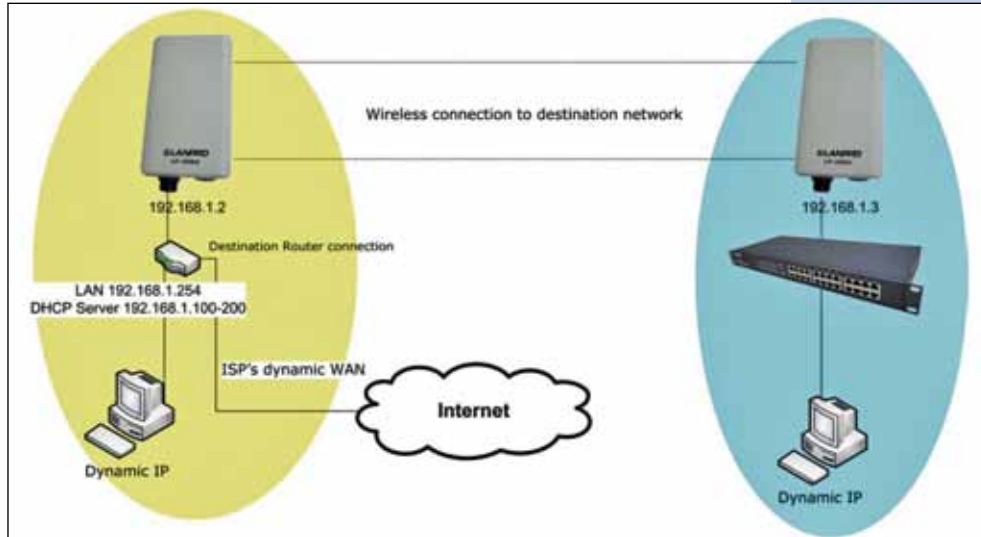


Figure 9

- 10 Open the browser application of your choice and input the default address: 192.168.1.2, please see figure 10.

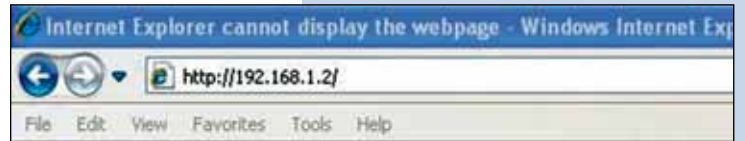


Figure 10

- 11 The LP-288ai will ask that you input a User and a Password. The LP-288ai has two user levels, one with all the privileges named by default: **super** , whose password is: **super** and another with less privileges named: **admin** with a password: **admin**. Now please input as user: **super** and a password: **super** and hit: **OK** , as shown in configuration in figure 11.



Figure 11

- 12 In this example, in the window shown in figure 12, please select: **IP Configuration** and change the IP address to **192.168.1.3**



Figure 12

- 13 Please select : **Update** in the window shown in figure 13 in order to save the changes. Once changes are saved, select : **Reboot** in the same window of figure 14.

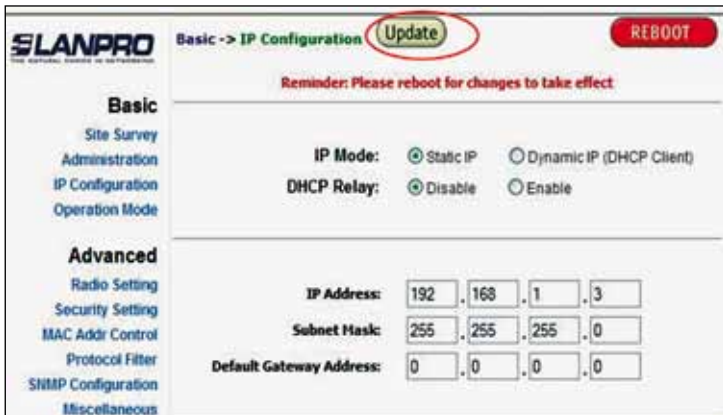


Figure 13

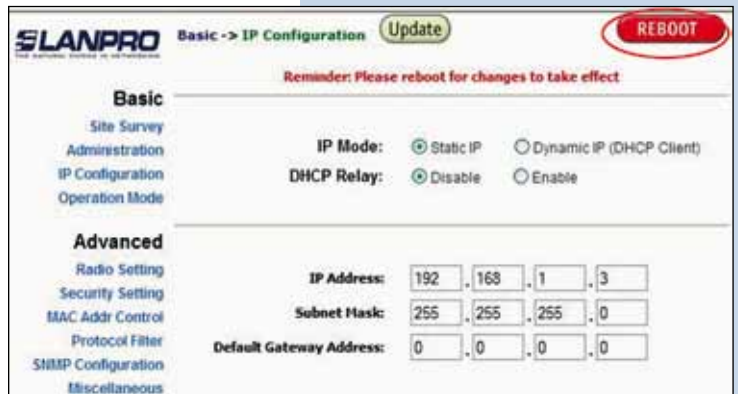


Figure 14

- 14 The equipment will indicate you to wait the completion of the rebooting and application of the changes in the window shown in figure 15.



Figure 15

- 15 Please open the browser of your preference and navigate to the new address: 192.168.1.3 as shown in the window of figure 16.

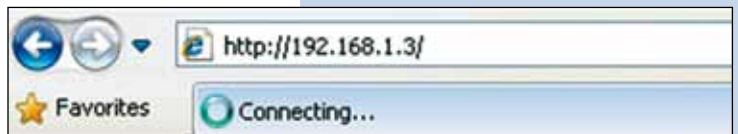


Figure 16

- 16 The equipment will ask again for the user and password, input as User: **super** and password: **super** then select: **OK**.



Figure 17

- 17 In the window shown in figure 18, select: **Operation Mode**, then select: **Client**, input now the **SSID** of the destination network, in this example of the LP-288ai, in: **Radio Frequency** input th channel of the destination AP. If you don't know it, please select: **SmartSelect**, disable option: **WDS**, you could use it if other equipment support it, as an example two LP-288ai, select: **Update** to save the changes.

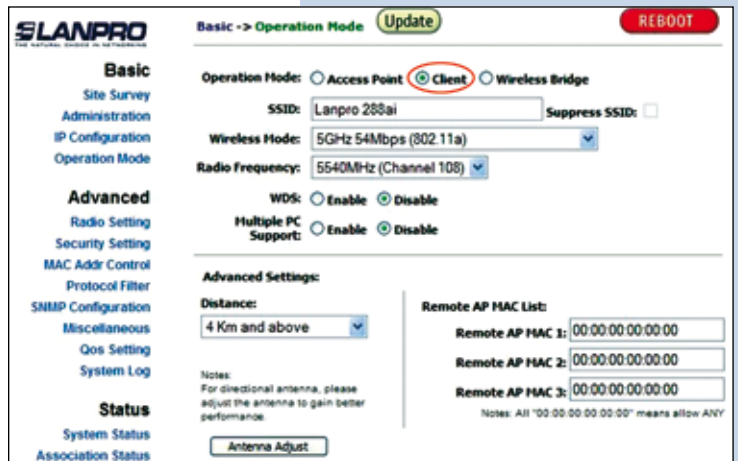


Figure 18

The equipment will save the changes, but they will not take effect until you reboot it. In order to do it, please select: **Reboot**, it is important to mention that you can configure the equipment in a way that it only connects to the destination AP, by using the Remote MAC, we recommend you read the 123 Manual on how to set the LP-288ai in Point to Point mode, (document: LP288AI\_M123\_SPD01w.pdf).



Figure 19

The progress of the rebooting operation will be shown in the window of figure 20.



Figure 20

18 In the window shown in figure 21, select: **Click here**

Figure 21



19 In the window shown in figure 22, select: **Security setting**, and in: **Security mode**, select the encryption mode, remember to select the same mode used by the destination AP.

Figure 22



20 Select the type of cyphering and the encryption mode of your destination AP, yo will have to input the corresponding encryption phrase and then select: **Update** as shown in figure 23.

Figure 23



21 Once changes have been saved, please select: **Reboot** in the window shown in figure 24 for the changes to take effect. As shown in figure 24.

Figure 24



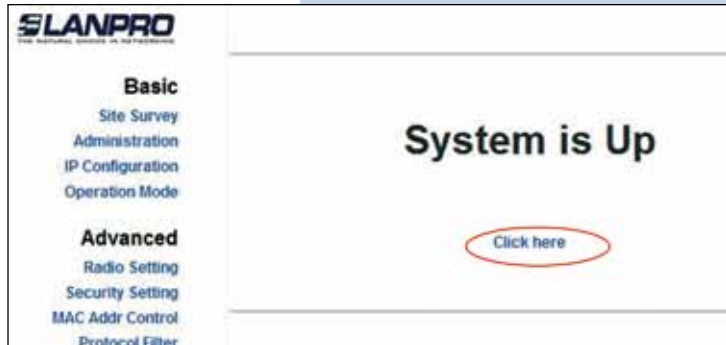
22 In the window shown in figure 25, the process of rebooting will be shown

Figure 25



23 In the window shown in figure 26, select: **Click here.**

Figure 26



24 **Important recommendation(Optional):**

Proceed to change the User password: **admin** and the super user password: **super** of your equipment, please see figure 27.

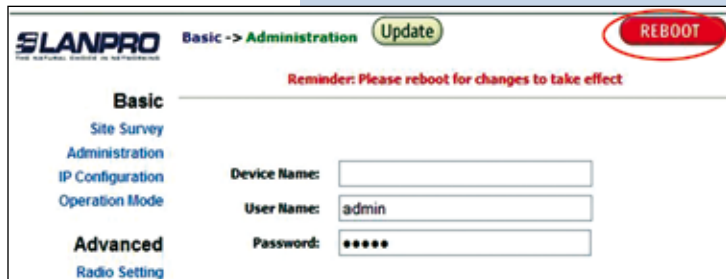
In order to change the User: **admin**, password, select: **administration** input the new password in the field named: **password**, then select: **Update.**

Figure 27



25 For the changes to take effect, please select: **Reboot** in the window shown in figure 28.

Figure 28



26 The progress of the reboot function is shown in the window of figure 29.

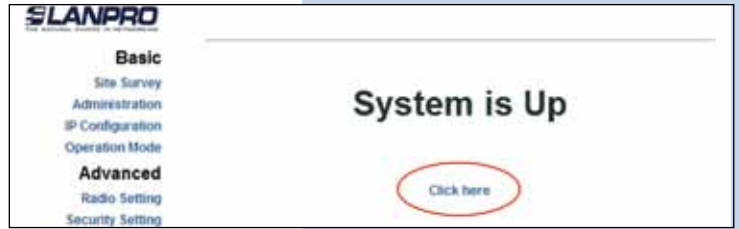
Figure 29





27 The equipment will ask again the User and Password if you are authenticated as **admin**, input the value you changed and select: **OK**, then select: **click here**. in the window shown in figure 30.

Figure 30



28 Proceed to change the password of the user: **super**, in order to be able to make this change you must be authenticated as **super** user, now select option: **super user** and input a new password, then select : **update** (see figure 31)

Figure 31



29 For the change to take effect, please select: **Reboot** in the window shown in figure 32.

Figure 32



30 Watch now the progression of the reboot function, please see figure 33.

Figure 33



31 In the window shown in figure 34, please select: **Click here**

The equipment will ask you to input the new user and password, input the new values to proceed and select: **OK**

Figure 34



32 To check the status of the connection, select: **Status Association** and observe the signal in the **Signal Strength** value, as shown in Figure 35, this value will depend on the distance and link quality.

Figure 35

