123 Manual LP-C290N 300 Mbps Wi-Fi Access Point (AP). Configuration as a Universal Repeater

1

Please check the package contents, it must contain the components shown in **figure 1**

a. One (1) model: LP-C290N
AP equipment
b. One (1) 110VAC-12VDC
power adaptor
c. One (1) Patch-Cord
d. Installation Guide

Figure 1

2

This manual explains the configuration steps for Client Mode, (inside the blue frame). It is tied to an LP-C290N working as an AP connected to an ADSL Modem. For other operation modes, please consult the other 1 2 3 Manuals available for download at **www.lanpro.com.** Please see figure 2 and remember that in this configuration, the existence of a WLAN is mandatory, as shown in figure 2 inside the red frame.
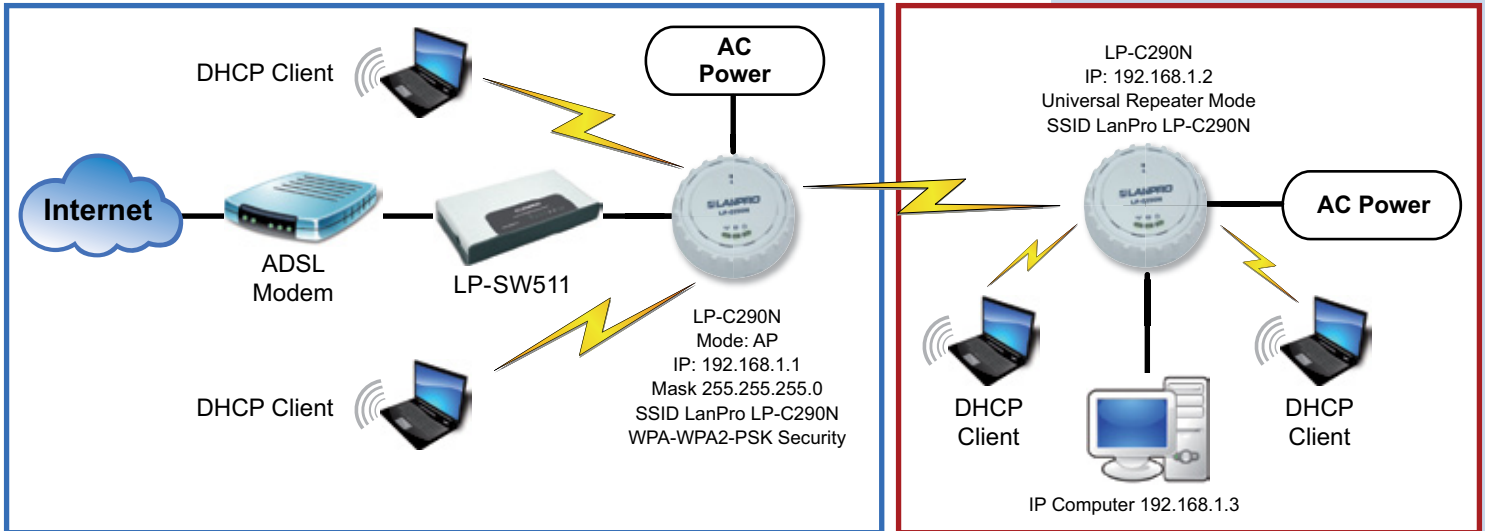

DHCP Client

AC Power

Internet

ADSL Modem

LP-SW511

DHCP Client

LP-C290N
Mode: AP
IP: 192.168.1.1
Mask 255.255.255.0
SSID LanPro LP-C290N
WPA-WPA2-PSK Security

LP-C290N
IP: 192.168.1.2
Universal Repeater Mode
SSID LanPro LP-C290N

AC Power

DHCP Client

DHCP Client

IP Computer 192.168.1.3

Figure 2

3

For fixation of the equipment on a wall or ceiling, proceed to remove the base by turning it as shown in **figure 3.**
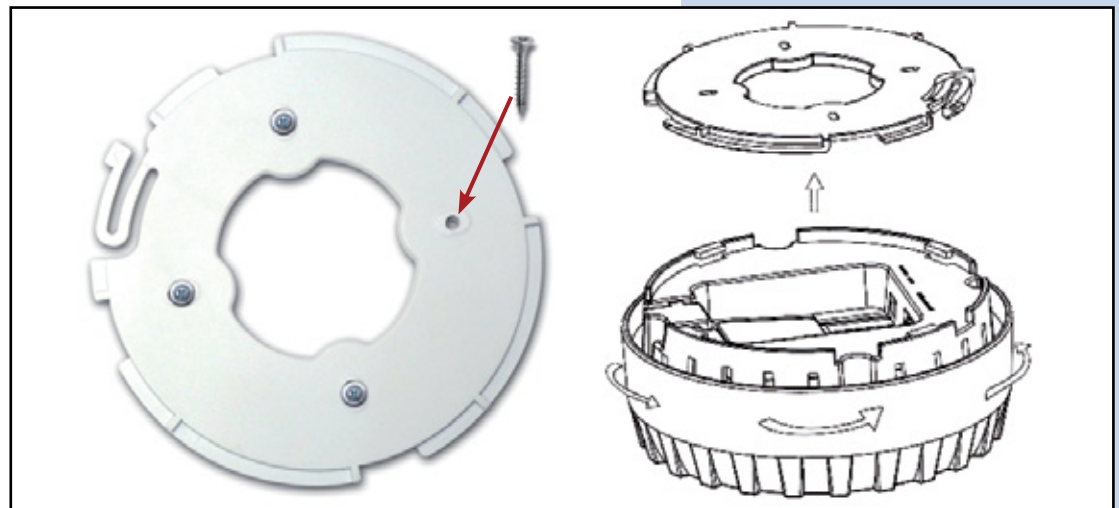
Figure 3

4

Fix it on the selected place as shown in **figure 4**

Figure 4

5

You must decide how to power the el LP-C290N, be it from the AC Mains with the furnished power adaptor or through the Ethernet cable by using a PoE PSD device.

NOTE: Please be careful and avoid powering the device through both ways at the same time as you will provoke an internal short circuit that can damage the equipment.

6

Remember to have an AC mains outlet near the device when powering it with the AC/DC adaptor, or by providing a PSD device complying with the IEEE 802.3 af standard at the other end of the Ethernet cable supplying data+power.
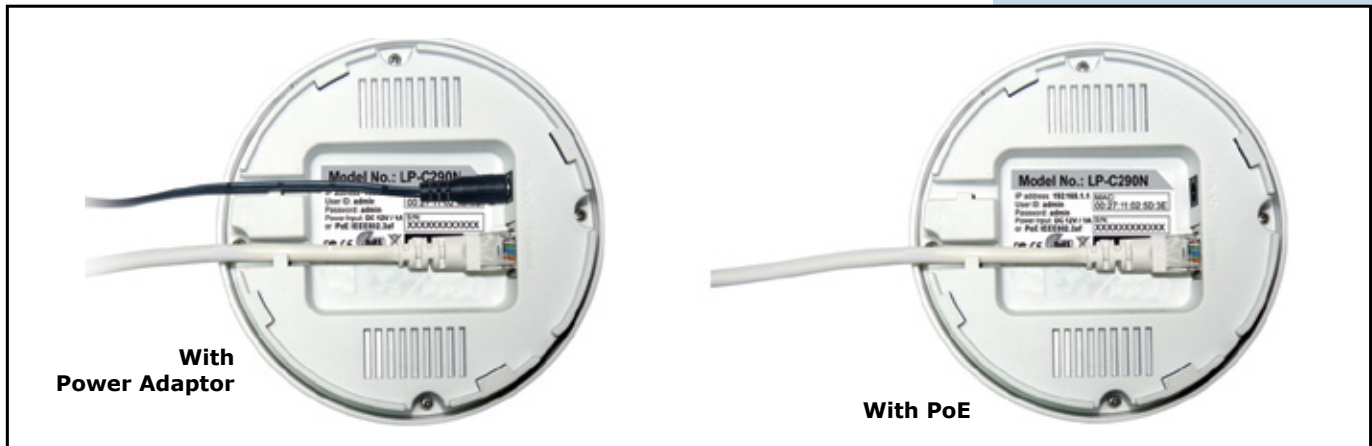

**With
Power Adaptor**

With PoE

Figure 5

7

Proceed to connect it and to fix the base as shown in point **Number 4.**

8

Once connected, please proceed to its configuration.

9

Connect a PC or Laptop to the LAN where the LP-C290N is located, as shown in **figure 6**

Computer   **LP-SW902FGP**   **LP-C290N**

Figure 6

10

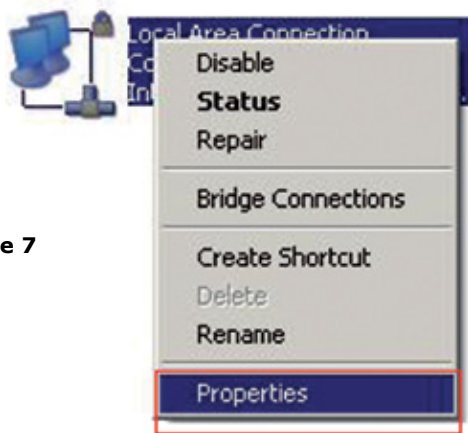Now go to your Network Card properties, as shown in **figure 7.**

Figure 7

11

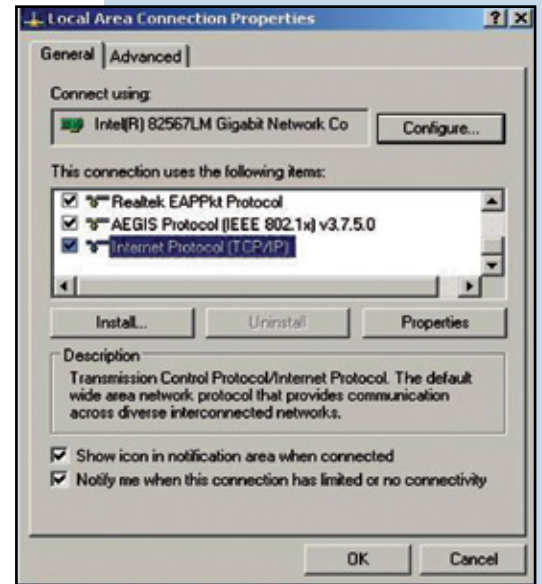Select the TCP/IP protocol and properties again as shown in **figure 8.**

Figure 8

12

Assign an IP address inside the LP-C290N segment to your Network Card. The LP-C290N has a default IP address of 192.168.1.1, hence, we will use a different one in our network card like: 192.168.1.3; please see **Figure 2 in the Blue frame**, and remember that IP addresses cannot be repeated in your network. Proceed to select OK twice as shown in **figure 9.**
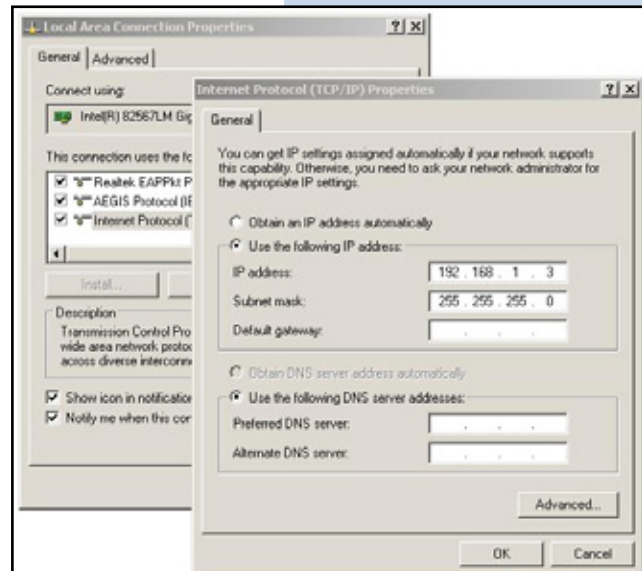
Figure 9

13

Proceed to open your preferred browser and with the LP-C290N IP address. In this case, use the default address 192.168.1.1, as shown in **Figure 10.**
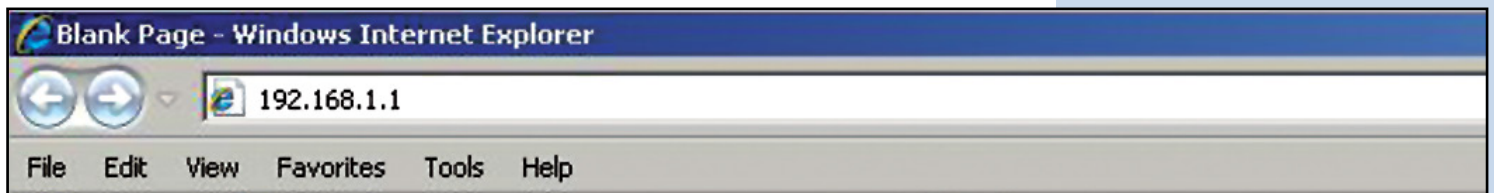
Figure 10

14

The LP-C290N, will prompt for your credentials for accessing your configuration, in this case use the default ones: User name: **admin** y Password: **admin**, as shown in **figure 11**

Figure 11

15

Proceed to validate the administration IP of your LP-C290N in your diagram, remember that in this case the LP-C290N is a client of a network, and a router or ADSL modem should be there, responsible for delivering IP addresses to the connecting Clients. In this example, the Client will has the following address: 192.168.1.3 as shown in figure 11 , remember that your network card has the following address 192.168.1.3 , please see the blue frame in **Figure 2.**

16

Select the **Network / IP Address(UPNP)** option; once the IP has been changed, select **Apply**, your equipment will reset and must be accessed from now on with the new address. In this case 192.168.1.2 , because it is the second equipment. Please see **Figure 12**
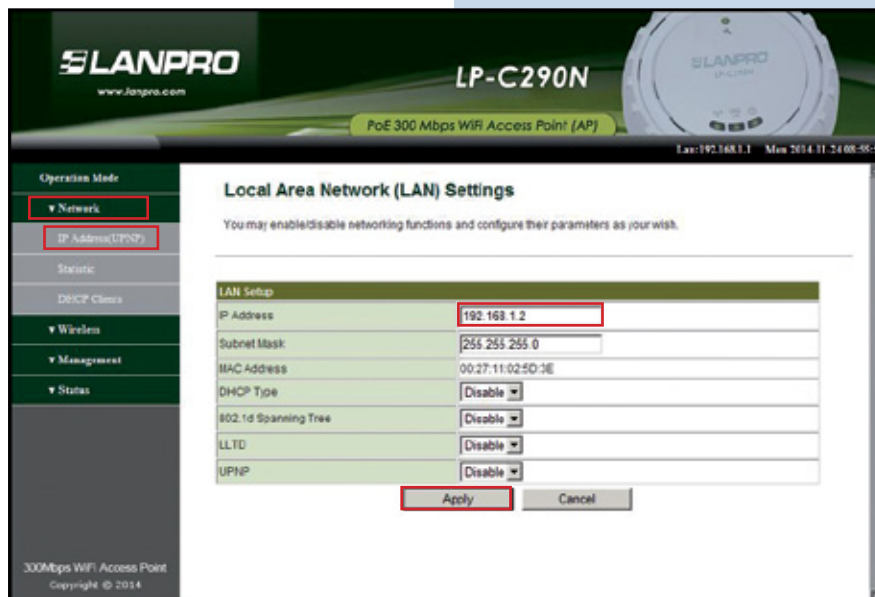
Figure 12

17

Proceed to open your preferred browser and input the new address 192.168.1.2, as shown in **Figure 13**
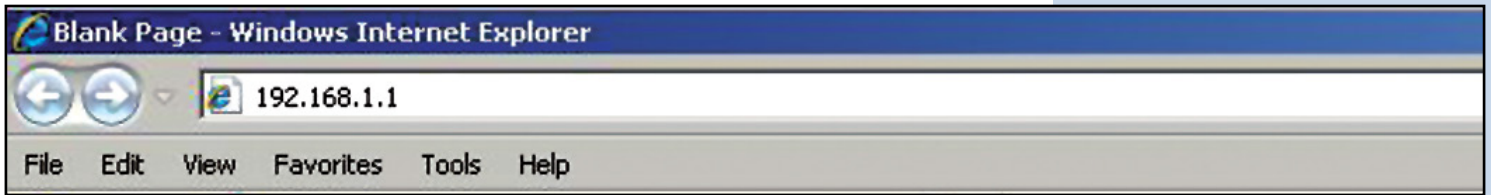

Figure 13

18

The LP-C290N, will prompt for your credentials for accessing your configuration, in this case use the default ones: User name: **admin** y Password: **admin**, as shown in **figure 14**

Figure 14

19

Proceed to change the operation mode to **Universal Repeater** by selecting **Operation Mode/ Universal Repeater / Apply**, as shown in **figure 15.**

Figure 15

20

The equipment will show the counter while the reset takes place as shown in **figure 16.**

Figure 16

21

Proceed to select the network to connect to, in this example **LanPro LP-C290N**. Input the password in the field named **Pass Phrase** y select **Connect**, as shown in **figure 17**
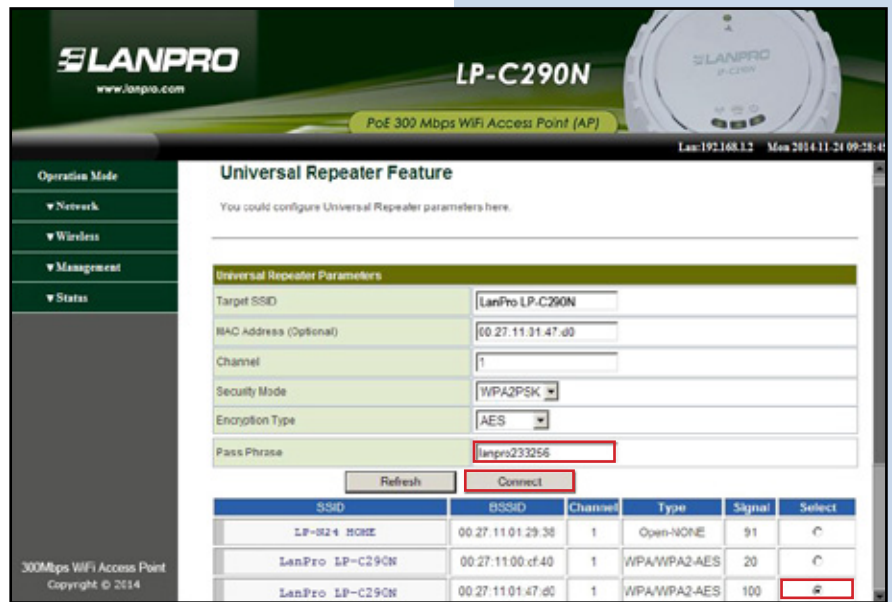
Figure 17

22

The equipment will show the counter while the reset takes place as shown in **figure 18**
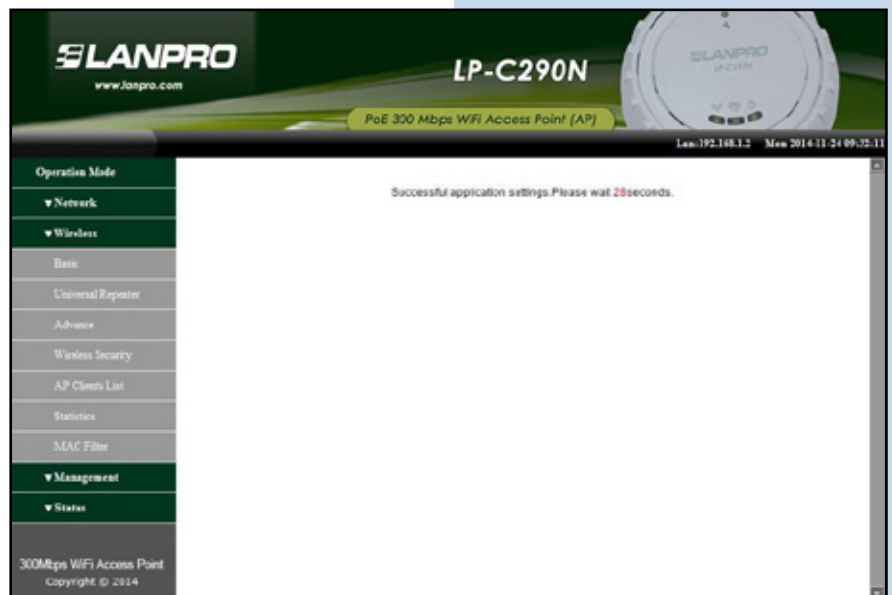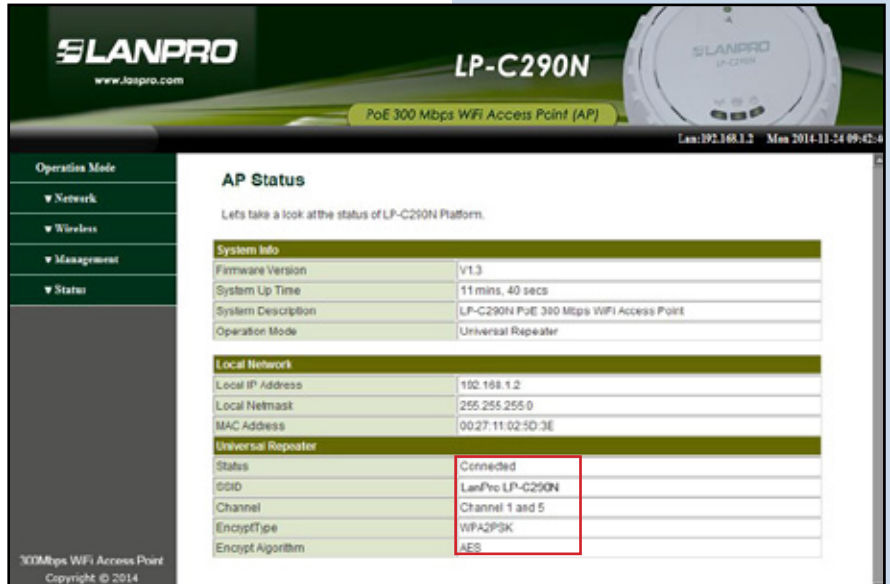
Figure 18

23

The status window in which you will be able to confirm that you are connected pops-up, as shown in the red frame of **figure 19.**

Figure 19

24

Proceed to change the password of the LP-C290N, we highly recommend this. This password will let you access as an administrator, to perform this, please select: **Management/ Language(Time)** and input it in the **Password** field and immediately select **Apply**, as shown in **figure 20.**

Figure 20