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

LPC290N_M123_END01W



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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



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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.





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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.

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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.



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



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



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



? X

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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**.

Connect using:	internet Protocol (TCP/IP) Pro	operties ? 🗴
Intel(R) 82967LM Gig This connection uses the Ic This connection uses the Ic This connection uses the Ic The Rest Rest Rest Protocol () The Internet Protocol () The Internet Protocol () Terminision Control Pro	General You can get IP settings assigner this capability. Otherwise, you in the appropriate IP settings. © Obtain an IP address auto © Use the following IP addre IP address: Subnet mask: Default gateway:	d automatically if your network supports each o ark your network administrator for matically 565 132 . 158 . 1 . 3 255 . 255 . 0
was area network proto across diverse intercorne Show icon in notification Notify me when this cor	C Obtain DNS server addres G Use the following DNS ser Preferred DNS server: Alternate DNS server:	ss automatically nver addesses:

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 9

C Bl	ank Pa	ige - W	indows Int	ernet E	plorer	
\bigcirc	3	1	192.168.1.1			
File	Edit	View	Favorites	Tools	Help	

Figure 10

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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**

: admin	Connect to 192.	168.1.1	<u>? ×</u>
	The server 192.1 and password.	168.1.1 at LP-C290N requires a userna	ame
igure 11	Warning: This se password be sen without a secure User name:	rver is requesting that your username t in an insecure manner (basic authent connection).	and tication
igure 11	Warning: This se password be sen without a secure User name: Password:	rver is requesting that your username t in an insecure manner (basic authent connection). admin	and tication

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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**.

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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**

(UPNP) d, select must be dress. In		RO	LP-C290N
e second	Operation Mode Versork P Addros(UPNP) Streame	Local Area Network	Land 1921 (AAL) Mem 2014 111-21 (AAL)
	Dire circu	LAN Setup	
	Dente Comp	IP Address	192.163.1.2
	▼ Wireless	Subnet Mask	255 255 255 0
aura 17	* Management	MAC Address	00:27:11:02:5D:3E
gure 12	v Status	DHOP Type	Disable -
		802.1d Spanning Tree	Dicable -
		LLTD	Disable 💌
		UPNP	Disable .
	300Mbps WiFi Access Point Cepyright (8 2014		Apply Cancel

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

C Bl	ank Pa	ige - W					
9	3	1	192.168.1.1				
File	Edit	View	Favorites	Tools	Help		

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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**



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



Figure 13



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**.



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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**.

of the his. This nistrator, jement/		RO	LP-C290N	
assword shown in	Operation Mode • Network • Wireless	System Manage You may configure adminis	Law-192 163.1.2 ment trator account and password, NTP settings.	Men 2014-11-24 09:35
	Management Language(Time) Settings File(Factory) Upload Freeware	Language Sottings SelectLanguage	English y Apply Cancel	
igure 20	▼ States	Administrator Settings Account Password	admin Apply Cancel	
	309Mars WE Accord Daird	NTP Settings Current Time	Jan 1 00 08 15 UTC Sync with host	

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