SLANPRO

123 Manual for the installation of the LP-N24P PCI Bus Wireless Adapter Card in AP + Client Mode.

LPN24P_M123_ENC01W



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1 In order to begin, please use the corresponding CD or download the set of drivers from the web page www.lanpro.com and

then unzip the files. Please go to the following link: http://www.lanpro.com/products/wireless/products/download.asp?id=944&cat=1

Please remember to take the usual precautions when handling static sensitive electronics and plugging it in the PCI Bus, (Anti-static bracelet, power cable disconnection from the mains, etc.), then proceed to open your PC and insert in an available slot as shown in figure 1.

Proceed to turn your computer's power on, a window of the Wizard will pop-up indicating that a new device was found, then select: **Cancel** as shown in figure 2.



Figure 1

Carl and	looking on your computer, on the hardware installation CD, or on the Windows Update Web site (with your permission). Read our privacy policy.
	Can Windows connect to Windows Update to search for software? Yes, this time only Yes, now and every time I connect a device No, not this time
	Click Next to continue.

Figure 2

Proceed to insert the installation CD in the CD Drive of your PC, it will execute automatically. If it doesn't, please select: My PC followed by the drive unit, where the software is located, find the directory and the file named LANPRO as shown in figure 3.





5

Wait for the welcome window's to pop-up and select: **RUN** as shown in figure 4.

		www.lanpro.com
	Weld Thank you for purchasing the wi The setup wizard will assist you quickly and easily. Please refer in the CD for more information.	come reless adapter from LanPro. to install the adapter to the user guide included
Figure 4	USER. OUT	DE RUN EXIT

Accept the software agreement, then select: Next (Figure 5), then chose the installation mode, then hit: Next (Figure 6), it is recommended to use the controller and application mode. Select then: Install in order to proceed with the installation (Figure 7), please take in mind that we highly recommend to disable any other wireless adaptor card software already installed in order to avoid conflict of the applications.



- The operating system may ask you to confirm the driver installation during the process of installation. Select now: **Continue** as many times as solicited by the system.
- 8 Select: **Finish** to conclude the installation (Figure 8).



9 Once the installation finishes, a direct access Icon to the application appears (Figure 9), an Access to the application will be located also on the Task Bar (Figure 10) and a dialogue window will open (Figure 11).



Locate the Icon in the lower part of your Task Bar and by selecting it with the right button of your mouse a window pops-up shown in figure 12. In it, select with the left button of the mouse: **Switch to AP Mode** for Windows XP and Windows Vista, for Windows 7, select: **Switch to STA + AP** as shown in figure 13.

Use Zero Configuration as Configuration Ut	tility
Switch to AP Mode	
Exit	

Figure 12





The application will start the ICS configuration of your Operating System (Figure 14), wait until it has finished.



For users of Windows XP or Windows Vista: In case that your equipment has this network device only, a warning will be presented that reminds you that two or more devices are needed to use the ICS service (Internet Connection Sharing). Select: OK (figure 15), this refers to the possibility of sharing the Internet service. If there is no other network equipment, the only functionality is that other equipment will connect to it.

If you have two (2) network equipment, ICS will assume that the additional network device is the Internet connection and will share it.

ICS	
Can not enable ICS. Please make sure you have 2 or more network ad	lapters.
ОК	



For users of Windows 7: The operating system is capable of handling the same device for both functions simultaneously, AP and Client, and using the Client as a connection to Internet. In case this is the only device, it will ask that you input the SSID and the ciphering and encryption key, then select: **OK**, as shown in figure 16.

Diagon anter CCID and D	en Charad key	
Please enter 5510 and Pl	re-shared key,	
SSID	LanPro LP-N24P+10	
WPA2 Dra Sharad Kau	******	
WPA2 FIE-Shared Key	Contraction of the state of the	
	OK	
	0.0	

Figure 16

For users of Windows 7: The operating system is capable of handling the same device for both functions simultaneously, AP and Client, and using the Client as a connection to Internet. In case this is the only device, it will ask that you input the SSID and the ciphering and encryption key, then select: **OK**, as shown in figure 17.

ICS Select WAN Adatpte	r 🔀
WAN Adapter Name:	Intel(R) PRO/1000 MT Mobile Connecti 💌
LAN Adapter Name:	802.11n USB Wireless LAN Card
	ОК



15 Next, a window will pop-up, as shown in figure 18, corresponding to the configuration.



Figure 18



Select the desired channel and select: **Next** as shown in figure 20.

SLA	NPRO) ×
" 1 " ∂	 SSID Mode Channel 	LanPro LP-N24P-05 2.4GHz 3 IP 192.166.1 1 (2412 MHz) 3 Mask 255.255.2	23.1 55.0
	+ +	Config AP	×
	Select Country I 2.4GHz	Region St CH1-14	
	Channel IZ Allow BW 4	1 r	1

Figure 20

Figure 19

Select the required Authentication and Encryption Modes, it is recommended to use the default ones as they are compatible with most of the devices. Then select: Next as shown the window of figure 21. Note: for PCs with Windows 7, WPA2 and AES encryption are the only modes that are possible, please see the note in page 8.

SLANPRO	•	000		×
SSID Mode Channel	LanPro LP-M24P- 2,4GHz 1 (2412 MHz)	05 DP DP Mask	192.168.123.1 - 255.255.255.0	
= + +	Config AP			×
Authentication	WPA-PSK		•	
Encryption	TKIP		•	



²⁰ The wireless clients can now connect to the LP-N24P, as it is acting as an AP, it is important to mention that this AP is located in network segment: 192.168.123.x

Note for users of PCs with Windows 7:

As shown in figure 2	B, all configuration of	options in AP mode are	shown in onl	y one page.
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		>
(T) SSID		
💦 👂 Rate	2 IP Address	
till > Channel	3 Mask	
0.0	ДР	3
X EI SSID	LanPro LP-N24P-10	_
SSID Authentication	LanPro LP-N24P-10 WPA2-PSK TEncryption AES	
SSID Authentication WPA2 Pre-Shared Key	LanPro LP-N24P-10 WPA2-PSK T Encryption AES	•
SSID Authentication WPA2 Pre-Shared Key Max Number of Peers	LanPro LP-N24P-10 WPA2-PSK Tencryption AES	• word

Input the authentication and encryption key, it is the key used by the clients that will connect to this AP, the format of the Key will depend on the authentication type selected in the above mentioned section, select: next as shown in figure 22.

"T"	\$ 5510	LonPro LP-N24P	-05			
	8 Mode	2.4912		₽	192.168 123.1	
<u> </u>	Otannel	1 (2412 MHz)	*	Mask	255.255.255.0	
		and the rest of the				
	• •	Config AP				,
• •	VPA-PSK Key iroup Rekey Inter	Config AP			10 seconds	,



IP-N24P's Configuration Example

Example Diagrams



