## LP-5ai 123 Configuration Manual in Client Mode.

**SLANPRO** 

LP5ai\_M123\_ENB01W



# LP-5ai 123 Configuration Manual in Client Mode.

The following Instruction Manual will guide you on how to configure the LP-5ai in Client Mode.

1

Once the Setup 123 Manual has been executed, (document: **LP-5ai\_M123\_END01W**), proceed to configure it by first connecting the UTP cable that comes from the LP-5ai to the **To Odu** port of the PoE Injector furnished with the radio as shown in figure 1.



Figure 1



Connect an UTP cable from the: **To Ethernet** port of the PoE injector to the Switch or PC as shown in figure 2.



Figure 2

#### 3

Connect electric power to the PoE injector as shown in figure 3.



Figure 3



Please go to your network card properties window and select: **Internet Protocol**, then select: **Properties**, as shown in figure 4.

Connect using				
Intel(R) PR	0/1000	MT Mobile Cor	nne	Configure
This connection (	uses the l	ollowing items		
S WLink	IPK/SP Protocol	(/NetBIOS Co	mpatible	Transport Prot
Instal		Uninital		Properties
Description				
Transmission C wide area netw across diverse	Control Provident Providen	otocol/Internel col that provid nected network	t Protoco des comm ks.	l. The default nunication
Show icon in r	notificatio n this co	n area when c nnection has li	connecte mited or i	d no connectivity

5

In the window shown in figure 5, select: **Use the following IP address** and input an IP address in the range of IP set by default of the LP-5ai. In this example, we have selected address: 192.168.1.201, the LP-5ai has a default address of 192.168.1.1, input 255.255.255.0 in: **Subnet Mask**, in: **Default gateway** input the destination router address, in: **Preferred DNS Server** you must input the **DNS** address of your service provider or the IP address of your destination router, the one that provides the Internet Service, this will route any corresponding queries to the router of the destination network.

Local Area Connection Properties	Internet Protocol (TCP/IP) P	roperties 🛛 🛛 🕻	
General Advanced	General		
Connect using W Intel(R) PR0/1000 MT Mobile Conne Con	You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings. O Obtain an IP address automatically		
This connection uses the following items:			
W" NwLek NeBIOS     W" NwLek IPK/SPK/NeBIOS Compatible Transp	Use the following IP address     IP address	192 168 1 201	
Tinternet Photocol (TCP/IP)	Subnet mask: 255 . 255 . 255	255.255.255.0	
S Initial Peop	Default gateway:	192 168 1 1	
Desception Transmission Control Photocol/Internet Photocol. The wide area network protocol that provides communical across diverse interconnected networks.	Otaan DNS serve address     Otaan DNS serve     Preferred DNS server:	er addesses 192 , 168 , 1 , 1	
Show icon in noblication area when connected Nobly me when this connection has limited or no con	Alternate DNS server.	Advanced	
		OK Carcel	



7



Please open your preferred browser and input the default address: 192.168.1.1, please see figure 6.

Certificate Error: Na	Certificate Error: Navigation Blocked - Windows Internet Explorer				
SS - Etrailit	(3 (3) + mrd/192.168.1.1				4
		Figure	6		

In the certificate validation window shown in figure 7, please accept by selecting: **Continue to this website** (not recommended).

Certifical	le Error: Navigation Blocked - Windows Internet Explore	HIA.
00	Ø ==== 192.168.1.1	± fr  X (b) →
Favorites	Cetificate Error: Navigation Biocled	9 · 0 · 9
8	There is a problem with this website's secu	urity certificate.
	The security certificate presented by this website was ro The security certificate presented by this website was in	not issued by a trusted certificate authority. issued for a different website's address.
	Security certificate problems may indicate an attempt to server.	to fool you or intercept any data you sand to the
	We recommend that you close this webpage and d	do not continue to this website.
	Clochere to doze this webpape.	
<	Continue to this website (not recommended)	
	More information	
	1.5.9415	

_	
1.1	

In the window shown in figure 8, input the word admin in: **Name** and the word: **password** in: **Password** and then select: **Login now**.



Then, as shown in figure 9, please proceed to change the IP address of the equipment. In this example, the LP-5ai will connect as a Client of another LP-5ai whose IP address is: 192.168.1.1 and which has more than one VAP already configured. For changing the IP address, proceed to select: **IP Settings** in the menu: System Setup, then change the IP address and select: **Apply**. The equipment will reboot and you will have to access it again through the new IP address.



10

9

In the window shown in figure 10, please proceed to select: **Basic Settings** in the menu: **Wireless Setup**. In: **Operation Mode** select: **Station Adapter** and then select: **Apply**.



Figure 10

#### 11

In the window shown in figure 11, in the menu: **Tools**, proceed to select: **Site Survey**, locate the network you wish to connect to, then select it and click on: **Select**.



Figure 11

12

In figure 12, the network will appear highlighted in yellow color indicating that it was selected.



Figure 12

#### 13

In the window shown in figure 13, you will configure the security, this will depend on the already established security in the **AP** against which it will connect. In this example it is WEP, in the menu: **Wireless Setup**, select: **VAP-VLAN Settings**, select: **sta\_profile** and then select: **Edit**.

The Design Access Part	Second P	-	in for Yap, Station Adapter, 1923, and here	that the product of		
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( . robert)	1000	1.	AP_Profest	2004910	Open 3/alem	
itatus	-	2	W_Poss2	Thursda	Open Bystem	
a beformation	1000	1	(P.Polis)	Sinces.	Caref Busilierer	
Connections	110018		AP_PINE+1	Titlere an	Dyan 3,99m	
Claffinder a	11000		M.Postal	Strawps .	Open Bystem	
	11 contraction	18	AP_Pullet	Novista.	Cases Bystem	
ystem Setup		1	AP_PHIMAT	Werene .	Open System	
Basic Sellings	1 aligned		17,71843	STATUTE .	Open Byalam	
IP Settings	10		sta, profile	191	Open Bystem	
RADIUS Settings			win.profile			
HTTP Redrect	10000		interbuilding profile			
Fermal Settings				1 tot 1		
Virbal Server						
ireless Setup	VEAN (002	.10)	tetup			
Basic Settings	1.47_5141	41	LAN E.			
a WARVEAU Settings	2 AP_Post	1	(MIE)			
a Access Corerol	3 AP_P(0	BET.	CALLE!			

#### 14

In this example, we will generate the same keys of the **AP** and will establish the same ways of authentication and encryption. In order to do this, in figure 14, in mode of authentication with: **Shared Key**, in: Data encryption we will select: **64 bits WEP**, then we must input in **Passphrase**: the same used in the **AP**, then we will select: **Generate Keys**, in this way we will generate the same keys in the Client LP-5ai, then we will select: **Key 1**, which is the active one in the **AP**, then we will select: **Apply**.

New Sold Street	Security Profile f	or Station Ada	apter Config	uration
1.7.5.5.1	Data Procession	EA SAL WEP	2	
Ratus	Passprone (111)414715 / 9	Garargia Xays		
a Information	Mart O LINEACHAF			
- Connections	Net 2 0 1277582722			
» Slatistics	NH12 0 000+412CEF			
lystem Setup	AN E O SEFLEISEIS			
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Autors Settings		Back Avery Care	cel .	
HITP Redrect				
a f crewell Settings				
• Virtual Server				
Vireless Setup				
a Basic Settings				
- VAPIVLAR Settings				
Access Control				

Figure 14

#### 15

In this case, a new message will be prompted, (See figure 15), with the information that will indicate you the keys that apply for all the security profiles, then select: **OK**.





### 16

Please wait for about 30 seconds and verify the equipment connectivity, in order to do this:

Figure 16 a

a Send a **PING** to the destination AP, (Please see figure 16 a).

2:>>ping 192.168.1.1 -t	
'inging 192.168.1.1 with 32 bytem of data:	-
<pre>keply from 192.168.1.1: bytes=32 time=2m: TTL=255 keply from 192.168.1.1: bytes=32 time=1m: TTL=255 keply from 192.168.1.1: bytes=32 time=2m: TTL=255 keply from 192.168.1.1: bytes=32 time=2m: TTL=255 keply from 192.168.1.1: bytes=32 time=1m: TTL=255</pre>	

b Enter in the **AP** and verify option: **Connections** that the LP-5ai client is connected. Please see figure 16 b.



17

In the window shown in figure 17, proceed to change the administration password of the equipment. Even though it is not mandatory, we highly recommend that you change the administration password of your equipment, we must remind you to store it in a safe place to which you can have access in the event that you forget it. If you lose it, you must reset the equipment to factory values and lose any setup you have made. Please use for this the 123 manual on how to reset to factory values, document: **LP5ai\_M123\_ENC01W**.

In order to change the password, please select option: **Change Password**, located in the menu: **Management** as shown in the figure 17.

In the	window	shown i	in figure	18, in	put in:	Current
Passwe	ord the	old pass	sword, in:	New	Passw	ord, the
new pa	ssword y	ou want '	to use, in	the fie	ld: Rep	eat New
Passwe	<b>ord</b> , do a	s indicate	ed and the	select	Apply	

System Setup	0	system setup
Basic Settings	Change Password	Basic Settings     Onange Password
P Settings		IP Settings
RADIUS Settings		RADIUS Settings
HTTP Redirect	Current Passwood	# HTTP Redirect
Firewall Settings	New Password	g Firewall Settings
Virtual Server	Repeat New Password	Wirtual Server Repeat New Password
Load Balance	Restore Default Password O'Yes O'No	#Load Balance Restore Default Password O Yes O No
Vireless Setup	Apply Cappel	Wireless Setup
» Basic Settings	Conver 1	a Basic Settings
» VAP/VLAN Settings		a VAP/VLAN Settings
Access Control		» Access Control
WDS Settings		a WDS Settings
Advanced Settings		a Advanced Settings
ools		Tools
she Survey		a Site Survey
a Link Test		a Link Test
lanagement		Management
a Change Password		Change Password

