LP-349 123 Manual in Client Mode.

LP349_M123_ENB01W



LP-349 123 Manual in Client Mode.

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The following Instruction Manual will guide you on how to configure the LP-349 in Client Mode.

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Once the Setup 123 Manual has been executed, proceed to configure it by first connecting the UTP cable that comes from the LP-349 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.

eneral Advanced		
Connect using:		
Intel(R) PR0/1	1000 MT Mobile Conne	Configure
This connection use:	s the following items:	
ST NWLink Ne ST NWLink IP ST Internet Pto	CSPX/NetBIOS Compati	ble Transport Prot
<		>
Instal	Uninstal	Properties
Description		
wide area network	rol Protocol/Internet Proto protocol that provides co erconnected networks.	
		cted
Show icon in noti Notily me when the	nication area when conne his connection has limited	
		S S S S S

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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-349. In this example, we have selected address: 192.168.1.201, the LP-349 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 is will route any corresponding queries to the router of the destination network.

Local Area Connection Properties	Internet Protocol (TCP/IP) Properties	2 🛙
General Advanced	General	
Connect using W Intel(R) PRO/1000 MT Mobile Conne	You can get IP settings assigned automatically if your network this capability. Otherwise, you need to ask your network administration of the appropriate IP settings.	
This connection uses the following items:	Oblain an IP address automatically	
The NetBIOS The NetBIOS The NetBIOS Compatible Trans The NetBIOS Compatible Trans The NetBIOS Compatible Trans The NetBIOS The Ne	IP addess 152, 166, 1, 2 Subnet mask: 255, 255, 255, 255, 255, 255, 255, 255,	0
Description Transmission Control Protocol/Internet Protocol. The wide area network protocol that provides communic across diverse interconnected networks.	Alernate DNS server: 152 . 160 . 1	1
Notify me when this connection has limited or no co	1	dvanced.



7



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

Certificate Error: Nav	gation Blacked - Windows Internet Explorer	
00 V D toto://19	.168.1.1/	Y
	Figure 6	

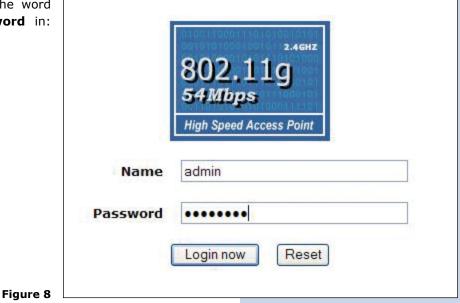
In the certificate validation window shown in figure 7, please accept by selecting: **Continue to this website** (not recommended).

00	Ø ==== 192.168.1.1	- 4 X 0		
Favorites	Certificate Error: Nevigation Blocked	m	9 · 0 · 9	
8	There is a problem with this website's s	ecurity certificate		
	The security certificate presented by this website is The security certificate presented by this website is			
	Security certificate problems may indicate an attem server.	npt to fool you or inter	roupt any data you sand to the	
	We recommend that you close this webpage a	ind do not continue t	to this website.	
	Click here to depe this webpape.			
<	Continue to this website (not recommended)	>		
	More information			

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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-348 will connect as a Client of another LP-5a 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.

802.11g	WAN / LAN Settings
S-f Mipps High Speed Access Paint [= Logour	Configure AP as a O Bridge with Static IP
Status	Spatting Ties O Enable O Disable
a information a Connections	VL4480210) CEnable Disable Maxagement VL4N ID 5
a Statistics	P Adress 132 163 1 2
System Setup	P Subnet Mask 255 255 255 0
Basic Settings	Detout Gateway 00000
# IP Settings	Primary OHIS Server 0.000
RADIUS Settings	Secondary DHS Server 0.000
# HTTP Redirect	
# Firewall Settings	Apply Cancel Refresh
Virtual Server	

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 the select: **Apply**.

Status a connections - Statuss	Wireless LAN Wireless LAN Settings Operand Network BBD Dive 80500 Wireless Bode Charmal (Prepared) Data Rais Output Prever	Vesters Vesters Rate of grant and and Rate of grant and Rate of grant and Rest Rest Rest Rest
System Setup Basic Settings	Station Mode Flow Control	
# P Settings	Upping Speed Land (5-1587)	1417 + 64kbps + 105,437588bps
BACKUS Settings		Apply Cancel
# HTTP Redrect		L'OUT AND A
Irewall Settings	2	
Virtual Server		



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**.

Bystem Setup	Si	te Sı	irvey		_				
# P Settings	100								
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e licensi Sattaga		3	482	0027.1108.88.10	at.	1172-012-014	Stationers and the	1	Table
e Without Server		3	152	30 27 11 97 85 11	25	11/2-M2 DIE	Contract of the second		Exate
Vireless Setup	1 Name								
a Block Schlegs				10.3	latech	Salect			
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a Access Costrol									
a VICS Settings Advanced Sattings									
a VICS Settings a Advanced Settings									
a VECIS Settinge a Admandat Settinge Cools									
a Access Costné a VICS Settinge a Amancest Settinge Foots a Site Sorrey a Link Test									

Figure 11

12

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

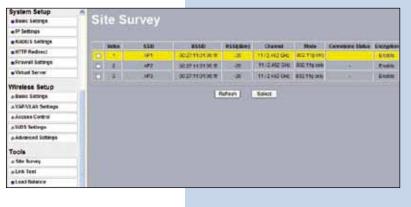


Figure 12

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**.

802.11g	A PERCE		AN Setting			
	Substanting of		Profix Name	110	locarty	Dealth
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tatus	-	2 43	Profest	Western	Open Brown	
a Information	() per conte	3. 10.1	Profes	mysiate .	Open Typeer	
Connections	1000	4 #1	Probes	WVENER .	Open Statem	
talaxs	1000	2. 42	Polities .	Traters	Open Scorem	
	The second	± 10.	Protest	Www.	Open Bratem	
ystem Setup	1000	2 4.	FulleT	Western	Carlo Ryaman .	
Basic Settings	-	\$ 14.3	Protect	Viter Steller IV	Open Stream	
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FACUS Settings	1	-				
HTTP Redirect	Concession in which the	inter	bald_profile			
Firmed Sellings				Ex		
Virtual Service						
/ireless Sctup	VLAN (002.9					
Luoc Settings	2.4P Fulls			_		
A VARIALAN Berryn	1 of Sector					

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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-349, then we will select: **Key 1**, which is the active one in the **AP**, then we will select: **Apply**.

802.11g Stations	Security Profile I		n Adapt	er Configuration
(a Lopest)	Ente Entryphent		H DAY WEP	
Status . Wernation . Connections . Statestice System Setup	Passphare CLID404758 Set 1.0 SISTERCINF Set 2.1 CATFOLD222 Set 2.1 OSH45223F Set 2.1 OSH45223F Set 2.1 OSH45223F Set 2.1 OSH45223F	Generator Kaye		
Barris Settings Barris Settings RAJNUS Settings HTTP Redensel	Witeless Class. Soc a By Reportation	Back Appl	anen Des Careil	54
linewall Settings Whited Server				

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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**.



Figure 14



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 16a).

Command Prompt - ping 192.168.1.1 -1	
C:\>ping 192.168.1.1 -t	-
Pinging 192.168.1.1 with 32 bytes of data:	
Reply from 192.168.1.1: bytes=32 time=2m: TTL=255 Reply from 192.168.1.1: bytes=32 time=1m: TTL=255 Reply from 192.168.1.1: bytes=32 time=2m: TTL=255 Reply from 192.168.1.1: bytes=32 time=2m: TTL=255 Reply from 192.168.1.1: bytes=32 time=2m: TTL=255 Reply from 192.168.1.1: bytes=32 time=1m: TTL=255 Reply from 192.168.1.1: bytes=32 time=1m: TTL=255 Reply from 192.168.1.1: bytes=32 time=1m: TTL=255 Reply from 192.168.1.1: bytes=32 time=2m: TTL=255 Reply from 192.168.1.1: bytes=32 time=1m: TTL=255 Reply from 192.168.1.1: bytes=32 time=2m: TTL=255 Reply from 192.168.1.1: bytes=32 time=2m: TTL=255	

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System Setup

Basic Settings
 IP Settings
 RADIUS Settings

HTTP Redirect

Virtual Server
 Load Balance

Firewall Settings

Wireless Setup

» Basic Settings » VAP/VLAN Settings » Access Control » WDS Settings » Advanced Settings

Tools a Site Survey a Link Test Management a Change Password

b Enter in the **AP** and verify option: **Connections** that the LP-349 client is connected. Please see figure 16b.



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: **LP349_M123_ENC01W**.

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

Change Password

Restore Default Password O Yes O No

Apply Cancel

Current Password

Repeat New Password

New Password

System Setup	1	and the second s		
Basic Settings	101	Change F	assword	
IP Settings				
RADIUS Settings		and a state of the		
HTTP Redirect	7.1	Current Password	enderstatio contemporation	
Firewall Settings	11	New Password		
Wirtual Server	11	Repeat New Password		
Load Balance	1	Restore Default Passwor	1 O Yes O No	
Wireless Setup		Apply	Cancel	
a Basic Settings		74447		
» VAP/VLAN Settings				
» Access Control				
a WDS Settings				
a Advanced Settings				
Tools				
is Site Survey				
a Link Test				
Management				
Change Password				



In the window shown in figure 18, input in: **Current Password** the old password, in: **New Password**, the new password you want to use, in the field: **Repeat New Password**, do as indicated and the select: **Apply**.