LP-288ai, 5.8GHz Band Fractional Bandwidth 5/10/20MHz OFDM Radio, 123 Manual for installation in AP Mode.

LP288ai_M123_ENB01W



LP-288ai, 5.8GHz Band Fractional Bandwidth 5/10/20MHz OFDM Radio, 123 Manual for installation in AP Mode.



By following these instructions you will be able to install your LP-288AI in AP Mode(Access Point)

Please check package contents shown in figure 1.



Figure 1

2 Please prepare the cable with the connector as shown in figure 2a, 2b and 2c.



Figure 2a



Figure 2b



Figure 2c

3 Connect the cable as shown in figure 3.



Connect the **To ODU** output of the PoE injector to your LP-288AI as shown in figure 4.



Connect one of your PC's or Switch's Ethernet ports to the **To Ethernet** input of the PoE injector of the LP-288ai as shown on figure 5.



6 Connect the DC Power to the PoE's Injector Male Jack as shown in figure 6.



Figure 6

? X Local Area Connection Properties General Advanced Connect using: Intel(R) PR0/1000 MT Mobile Conne Configure ... This connection uses the following items Str NWLink NetBIOS ~ WWLink IPX/SPX/NetBIOS Compatible Transport Protection M 72 nternet Protocol (TCP/IP) Install. Uninstall Properties Description Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communicatio across diverse interconnected networks. Show icon in notification area when connected Notily me when this connection has limited or no connectivity **OK** Cancel



Go to the Properties window of your Network Interface card(NIC): Local Area Connection Properties and select: Internet Protocol, then select: Properties as shown in figure 7.

Figure 7

In the window: **Internet protocol (TCP/IP) Properties** of figure 8, select: **Use the following IP address** and input an IP address in the default IP range of the LP-288ai, in this example we have selected address: 192.168.1.201. The LP-288ai has a default address of: 192.168.1.2, input in: **Subnet mask** : 255.255.255.0 and in: **Default gateway** the destination router address, in: **DNS** you will have to input your ISP's DNS or the destination router address, the one that provides the Internet service, in order that any queries are routed to the destination network`s router.

Once finished, please select: **OK** and then: **Close**.

http://192.168.1.2/

Edit View Favorites Tools Help

Please open your preferred browser application and input the default address: 192.168.1.2, see figure 9.

Figure 9

File

The equipment will ask for a User and a Password. The LP-288ai has a two level scheme for the users, one by default with all the privileges named: **super**, with a default password: **super** and another with less privileges with the user: **admin** and a default password: **admin**. Now please input in User: **super** and as password: **super**, then select: **OK** as shown in the window of figure 10.

Figure 10



Internet Explorer cannot display the webpage - Windows Internet Exp

In the window that pops-up shown in figure 11, select:
Operation Mode, then select: Access Point, input now the name of your wireless LAN in the field named:
SSID. Select the channel to be used in the field:
Radio frequency then select: Update.

Figure 11

SLANPHU					
Basic	Operation Hode: @ Access Poi	nt) O Client O Wireless Bridge			
Administration	SSID: Lanpro 288a	Suppress SSID:			
IP Configuration	Wireless Hode: 5GHz 54Mb	GHz 54Mbps (802.11a) 🛩			
Operation Mode	Radio Frequency: 11000 Hz (0	hannel 361 🗶			
Advanced	WDS: - Enable	Disable			
Security Setting	Advanced Settings:				
MAC Addr Control	Distances	Remote AP HAC List:			
Protocol Filter	4 Km and above 👻	Remote AP MAC 1: 00:00:00:00:00:00			
Miscellaneous		Remote AP HAC 2: 00:00:00:00:00:00			
Qos Setting	Notes Por directional antenna, please	Remote AP HAC 3: 00:00:00:00:00:00			
System Log	adjust the antenna to gain better performance.	Notes 100.00.00.00.00.00" means UNUSE			
Status	Anterne Adjust	<i>S</i> .			
Association Status					

The equipment will save the changes. They will take effect once the equipment is rebooted. Now select:
Reboot in the window shown in figure 12.



14

Now watch the equipment doing the reboot in the 13 window shown in figure 13.

Figure 13



In the window shown in figure 15, select: Security 15 setting, in: Security mode select: the encryption mode, we recommend, in view of security mode WPA2 **PSK** (take in mind some equipment doesn't support this mode), remember to take in consideration the connection of the client equipment of this AP, please check the actual encryption mode they support.

Figure 15



Now select the type of cyphering, this depends on the 16 above mentioned conditions, and of the encryption mode selected, additionally, you shall input an encryption phrase you wish and then select: Update.

SLANPRO	Advanced -> Security Setting Update REBOOT		
Basic			
Site Survey	Security Mode: WPA2_PSK		
IP Configuration			
Operation Mode	PassPhrase: 01234567890		
Advanced	Cipher Type: TKIP 💌		
Radio Setting			
Security Setting			
MAC Addr Control			

Once changes are saved, in the window shown in REBOOT 17 Advanced -> Security Setting (Update) SLANPRO figure 17 you will select: Reboot for the changes to Reminder: Please reboot for changes to take effect take effect. Basic Site Survey Administration Security Hode: WPA2_PSK M **IP Configuration** Operation blode Figure 17 Advanced PassPhrase: 01234567890 Radio Setting Cipher Type: TKIP 👻 Security Setting MAC Addr Control Protocol Fitter SIMP Configuration SLANPRO In the window shown in figure 18, you can watch the 18 progress of the reboot action. Basic Site Survey Administration Rebooting P Configuration Operation Mode Advanced Please wait ... **Radio Setting** Figure 18 Security Setting MAC Addr Control 20 Protocol Filter P Configuration If the browser fails to auto-redirect, please use the left navigator thocellamour Qos Setting System Log In the window shown in figure 19, please select: **Click** SLANPRO 19 here. Basic Site Survey System is Up Administration **IP** Configuration Operation Mode Figure 19 Advanced **Click here** Radio Setting Security Setting MAC Addr Control Important recommendation(Optional): 20 Basic -> Administration (Update) REBOOT SLANPRO Proceed to change the User password: admin and Basic the super user password: super of your equipment, Site Survey Administration please see figure 20. admin **IP** Configuration **Operation Mode** In order to change the User: **admin**, password, select: Advanced administration, input the new password in the field **Radio Setting** named: password, then select: Update. Figure 20



SLANPRO	Super User -> Sup	per User Update	REBOOT
Basic Site Survey Administration IP Configuration Operation Mode	User Name: Password:	super	
Advanced Radio Setting			



26

For the change to take effect, please select: Reboot in the window shown in figure 25. Figure 25

For the change to take effect, please select: Reboot in the window shown in figure 25.	ELANPRO Basic Site Survey Administration IP Configuration Operation Mode Advanced Radio Setting	Super User -> Super User Update REBOOT Reminder: Please reboot for changes to take effect		
Figure 25		User Name: Password:	super	
Watch now the progress of the reboot function, please see figure 26.	SLANPRO Basic Site Survey Administration @Configuration Operation Mode		Rebooting	

Please wait ...

29

If the brower fails to euto-redirect, please use the left navigator

Figure 26

Advanced

Radio Setting Security Setting

MAC Addr Control

Protocol Filter **SNRP** Configuration

Macellaneous

In the window shown in figure 27, please select: Click 27 here.

Figure 27

The equipment will ask you to input the new user and password, input the new values to proceed and select: OK



28 To check the status of the connection, select: Status Association and observe the signal in the Signal Strength value, as shown in Figure 28, this value will depend on the distance and link quality.

