

- It is recommended to use the iPoll 2 proprietary protocol for simple Point-to-Point network configuration.

Perform the following steps to create a simple Point-to-Point link between Access Point iPoll 2 and Station (WDS/iPoll 2):

**Step 1. Access Point iPoll 2 Configuration.** Change the device's default IP address (can be static or dynamic) and enable IP alias (secondary IP), if necessary:

LigoWav	e i	• * (	Uptime 34 min. 25 sec.	CPU load (20 %)
(îr	NETWORK CONFIGURA	ΓΙΟΝ		
ሐ	Network mode:	Bridge -	Management VLAN ID:	2
¢¢	IPv6:	<b>~</b>		
-	IPv4 configuration			
	IP method:	Static	DNS server 1:	
	IP address:	192.168.2.66	DNS server 2:	
	Subnet mask:	255.255.255.0	Secondary IP:	
	Default gateway:	192.168.2.1		
	IPv6 configuration			
	IPv6 method:	Dynamic stateless IP		



Step 2. Configure the wireless settings for Access Point iPoll 2:

- set Wireless mode to Access Point (iPoll 2)
- set Channel to Auto

All other settings should be left as their default values

0			<b>a</b>	Uptime 34 min. 15 sec.	CPU load (19 %)	
LigoWa	ve			🜉 eth0: 100baseT/full	↑1 stations	
(ņ	WIRELESS CONF	GURATION				
ភំ	Enat	le radio: 🗸 📗		Operating country: US		
¢°	Operatir	g mode: Access point (iPoll 2)	·			
-	Radio settings					
ţ.	Tx power (dBm): 3 Channel: Auto / 40 MHz					
	Advanced radio s	ettings				
	Wireless settings (AP)					
	Network SSID	Security	Management	Broadcast SSID	VLAN	
	LineDLR	WDA/WDA2 Decemp	5.00.0			

- Press the gear icon found in the Wireless Settings (AP) section (shown below) to change the SSID and the encryption configurations.

Network SSID	Security	Management	Broadcast SSID	VLAN	
LigoDLB	WPA/WPA2 Personal	Enabled	Yes		٢

- set the SSID
- enable **Security** for secure traffic on link

All other settings should be left as their default values

WIRELESS AP SETTINGS					
SSID:	LigoDLB				
Broadcast SSID:	<ul> <li>II</li> </ul>				
Security settings					
Security:	WPA/WPA2 Personal				
Passphrase:	******				
⊕ WACL					
	Done Cancel				

**Step 3. Station iPoll 2 Configuration.** Change the device's default IP address (can be static or dynamic) and enable IP alias (secondary IP), if necessary:

C	i	• *	Ċ	Uptime 35 min. 21 sec.	CPU load (84 %)
((;	NETWORK CONFIGURAT				
ň	Network mode:	Bridge	N	fanagement VLAN ID:	2
¢,	IPv6:	<b>~ 1</b>			
-	IPv4 configuration				
	IP method:	Static -		DNS server 1:	
	IP address:	192.168.2.67		DNS server 2:	
	Subnet mask:	255.255.255.0		Secondary IP:	II ×
	Default gateway:	192.168.2.1			
	IPv6 configuration				
	IPv6 method:	Dynamic stateless IP	•		

- Step 4. Configure the wireless settings for Station iPoll:
- set Wireless mode to Station (WDS/iPoll 2).

All other settings should be left as their default values.

0			Uptime 35 min. 11 sec.	CPU load (13 %)
igoWave			💻 eth0: 100baseT/full	🛜 -54/-49 dBm
ŝ	WIRELESS CONFIGU	RATION		
ភំ	Enable rad	lio: 🖌 🏢	Operating country: US	
Q <sub>0</sub>	Operating mo	de: Station (WDS/iPoll 2)	]	
	Radio settings			
	Tx power (dBr	n):	Channel width (MHz): 20/4	• 01
			Non-standard channels:	ĸ
	Advanced radio setting	, s		
	Wireless settings (station	)		
	Network SSID	Security	Management	VLAN
	LigoDLB	WPA/WPA2 Personal	Enabled	- 0

- Press the gear icon found in the Wireless Settings (Station) section (shown below) to change the SSID and the encryption configurations.

Network SSID	Security	Management	VLAN
LigoDLB	WPA/WPA2 Personal	Enabled	- 📀

- set the SSID or use Scan to find iPoll 2 Access Points automatically;
- enable Security for secure traffic on link.

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All other settings should be left as their default values.

WIRELESS STATION SETTINGS	;P
SSID:	LigoDLB Q
Lock AP by MAC address:	00:00:00:00:00
Security settings	
Security:	WPA/WPA2 Personal
Passphrase:	
Advanced settings	
li.	Done Cancel

- Note that Station iPoll 2 security settings must match the settings configured on the Access Point iPoll 2 with which the station is associated. • Step 5. It is highly recommended to change the default administrator's password for each unit:

0	jowave i o × i			Uptime 35 min. 36 sec.		CPU load (27 %)
LigoWave				🜉 eth0: 100baseT/full		🛜 -54/-49 dBm
((ı-	SYSTEM CONFIGURATIC	N				
ភំ	Device settings					
o;	Friendly name:	LigoDLB 5-15		Location:	Device lo	cation
	Contact information:	Contact		Latitude:	0	
<u> _</u>	ļ			Longitude:	0	
	System functions					
	Backup configuration:	Backup		Reboot device:	Reboot	
	Restore configuration:	Restore	Res	et to factory defaults:	Reset	
	□ User accounts					
	User: admin	Edit				
	LED settings					
	Advanced settings					

2	ACCOUNT SETTINGS	
1	Username	admin
IF	Old password	
l	New password	
ie	Verify password	
tii		
		Change Close

**Step 6. Verify the PTP link connection.** Navigate to **Status > Information.** The information page will display data for the wireless link.

Access Point iPoll 2's status page should indicate that one peer (Station iPoll 2) is connected and should provide information about the connection as follows:

LigoWav	ve <b>i</b>		Uptime 34 min. 55 sec.	CPU load	d (21 %)
i	INFORMATION				Ð
<u> </u> ∠∕ ©	Product name: Device serial No.: Network mode: Wireless mode:	LigoDLB 5-15 08141426000003E9 Bridge Access point (iPoll 2)	Operating country: Friendly device name: Device location: Latitude/Longitude:	US LigoDLB 5-15 Device location 0 / 0	
	Radio Channel: Channel width (MHz): Tx power (dBm): Noise level (dBm): Wireless (Access point (iPc)	149 (5745 MHz) 40 Upper 3 -95	Protocol: Radio mode: Antenna gain (dB):	iPoll 2 MIMO 2x2 15	
	Network SSID	Security	Broadcast SSID	VLAN	Stations
	LigoDLB	WPA/WPA2 Personal	Yes		1
	Network				
	IP method: IP address: Subnet mask: Default gateway:	Static 192.168.2.66 255.255.255.0 192.168.2.1	IPv6 method: IPv6 link-local address: IPv6 address: IPv6 prefix length: IPv6 gateway:	Dynamic stateless I fe80::219:3bff:fe03:  	P 9594

Detailed information about the connected peers is found in the Status > Wireless page.

LigoWav	. (i)	*	ŧ	Uptime 35 min.	0 sec. h0: 100baseT/full	CPU load (	21 %) ons
i	WIRELESS						0
M	Enter keyword to filter results						Info Counters
	SSID: LigoDLB						
	Station	IP address	Signal, dBm	Tx/Rx rate, Mbps	Tx/Rx CCQ, %	Protocol	Link uptime
	08:A1:2B:FF:02:48 LigoDLB 5-15	192.168.2.67	-49 / -55	270 / 243	100 / 90	iPoll 2	34 min. 11 sec.
	Kick selected						

**Station iPoll 2's** status should show up as Connected and there should be progress bars indicating the quality of the connection:

0	i 🗢 🗶 🖪		Uptime 35 min. 1 sec.	CPU load	(31 %)
igoWave			🔍 eth0: 100ba	seT/full	9 dBm
i	INFORMATION				0
M	Product name: Device serial No.: Network mode: Wireless mode: Radio	LigoDLB 5-15 041813260000008 Bridge Station (WDS/iPoll 2)	Operating cou Friendly device n Device loca Latitude/Longi	untry: US name: LigoDLB 5-15 ation: Device location Itude: 0 / 0	
	Channel: Channel width (MHz): Tx power (dBm): Noise level (dBm): Wireless (Station (WDS/iP	149 (5745 MHz) 40 Upper 3 -95	Proi Radio n Antenna gain	tocol: 802.11a/n/wjettrue node: MIMO 2x2 (dB): 15	
	Network SSID Security	Peer MAC	Tx/Rx rate, Mbps Tx/Rx C	CQ, % Protocol	Link uptime
	LigoDLB WPA2 Pe	rsonal 00:19:3B:03:95:94	270 / 243 100 / 90	iPoll 2	0 min. 17 sec.
	Network				
	IP method: IP address: Subnet mask: Default gateway:	Static 192.168.2.67 255.255.255.0 192.168.2.1	IPv6 me IPv6 link-local add IPv6 add IPv6 prefix le IPv6 gate	thod: Dynamic stateless IP ress: fe80::aa1:2bff:feff:24 ress: ngth: eway:	8