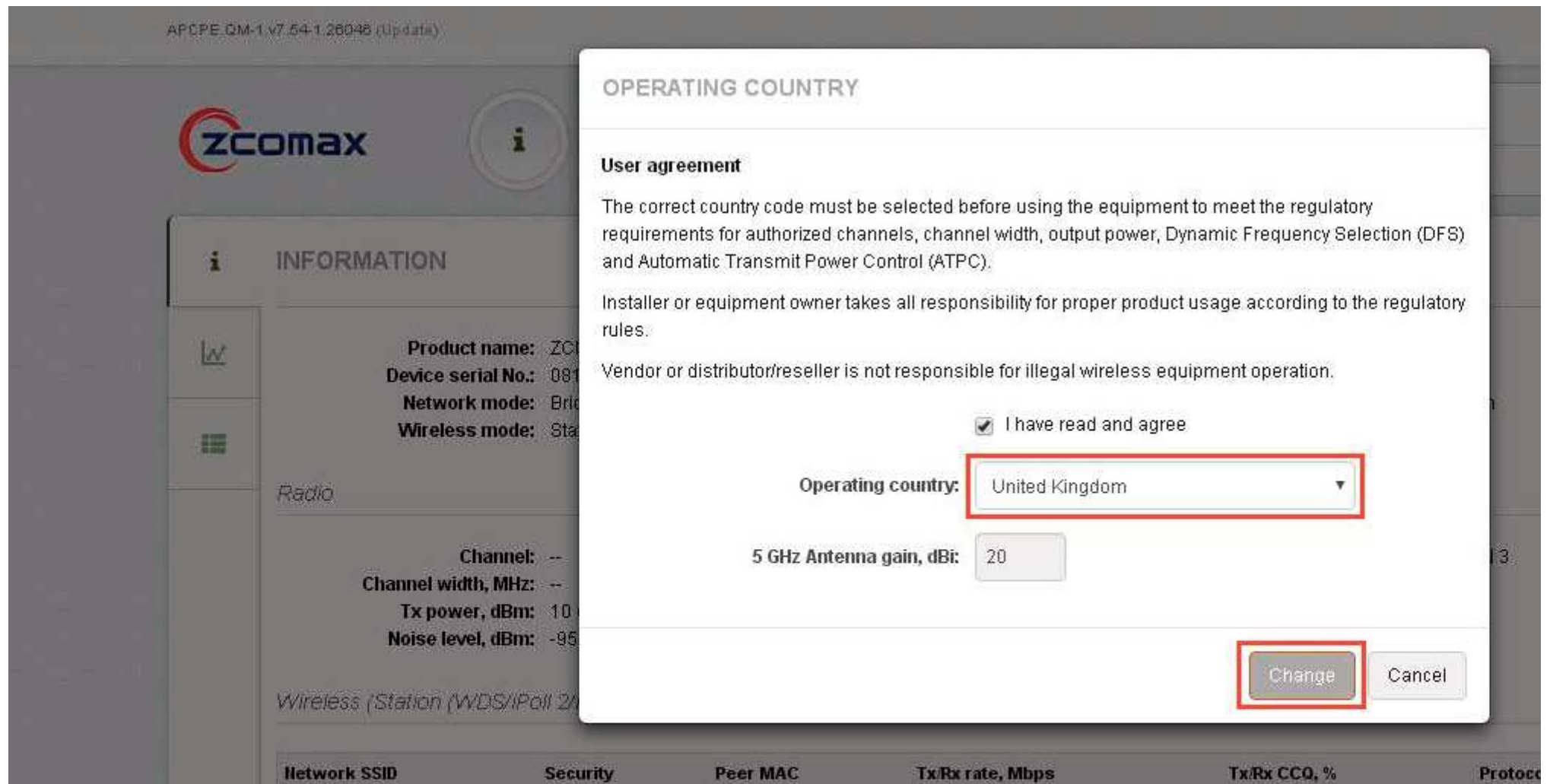


PTP link configuration

Follow the steps to create a simple Point to Point link between Access Point iPoll3 and Station

Step 1. Access Point iPoll 3 configuration: change device's default IP address configure it with a static IP address. Login to default IP address
http://192.168.2.66
Username: admin
Password: admin01



APCPE_QM-1 v7.54-1.26048 (Update)

ZCOMAX

INFORMATION

Product name: ZC...
Device serial No.: 081...
Network mode: Bri...
Wireless mode: Sta...

Radio

Channel: --
Channel width, MHz: --
Tx power, dBm: 10...
Noise level, dBm: -95...

Wireless (Station (WDS/iPoll 2)

Operating country: United Kingdom

5 GHz Antenna gain, dBi: 20

I have read and agree

Network SSID	Security	Peer MAC	Tx/Rx rate, Mbps	Tx/Rx CCQ, %	Protoc...
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NETWORK CONFIGURATION



Network mode:

Enable IPv6:

Ethernet settings

Interface	Mode	Speed, Mbps
eth0	Auto	10/100



IPv4 configuration

IP method:

IP address:

Subnet mask:

Default gateway:

Step 2. Configure wireless settings for Access Point iPoll 3:

Select wireless mode: Access Point iPoll

Set channel: Auto

all other settings should be left default:

Master unit - select iPoll3 Access Point

Uptime: 20 min. 38 sec. CPU load (4 %)

eth0: 100baseT/full Searching...

WIRELESS CONFIGURATION

Enable radio:

Operating mode: Station (WDS/iPoll 2/iPoll 3)

Operating country: GB

Radio settings

Tx power, dBm: 16

Channel width, MHz: 20/40

Enable ATPC:

Smart channel width:

Non-standard channels:

Advanced radio settings

Network SSID	Security	Management	VLAN
ZCNPTP	WPA/WPA2 Personal	Enabled	--

Click on the right hand side button in Wireless settings (AP) section to change SSID and Encryption configuration.

Define SSID

Enable Security for secure traffic on link.

WIRELESS STATION SETTINGS

Primary SSID | Fallback SSID

SSID: ZCNPTP Lock AP by MAC address: 00:00:00:00:00:00

Security settings

Security: WPAWPA2 Personal

Passphrase: *****

Bandwidth limitation

Advanced settings

PE-QM-1.v7.54-1.28048 (Update)

Then click on 'Save Changes' in the top right hand side web GUI .

Step 3. Login the second device configure as 'Station'. Change the device's default IP address configure it with a static IP address.

Zcomax

NETWORK CONFIGURATION

Network mode: Bridge

Enable IPv6:

Ethernet settings

Interface	Mode	Speed, Mbps
eth0	Auto	10/100

IPv4 configuration

IP method: Static

IP address: 192.168.2.67

Subnet mask: 255.255.255.0

Default gateway: 192.168.2.1

Step 4. Configure wireless settings for Station.

Select wireless mode: Station (WDS/iPoll 2/iPoll 3).

Remote unit use Station iPoll3 mode.

Uptime: 26 min, 11 sec. CPU load (4 %)

eth0: 100baseT/full Searching...

WIRELESS CONFIGURATION

Enable radio: Operating country: GB

Operating mode: **Station (WDS/iPoll 2/iPoll 3)**

Radio settings

Tx power, dBm: 16 Channel width, MHz: **20/40**

Enable ATPC: Smart channel width:

Non-standard channels:

Advanced radio settings

Network SSID	Security	Management	VLAN
ZGNPTP	WPA/WPA2 Personal	Enabled	--

Click on the right hand side button in Wireless settings (AP) section to change SSID and Encryption configuration.

Define SSID, or use “Scan” button to find iPoll 3 Access Points automatically
Enable Security for secure traffic on link, please make sure the passphrase must matching the one entered in the Master device.

WIRELESS STATION SETTINGS

Primary SSID: Failover SSID

SSID: ZCNPTP Q Scan button Lock AP by MAC address: 00:00:00:00:00:00

Security settings

Security: WPA/WPA2 Personal ▼

Passphrase: *****

Bandwidth limitation

Outgoing (Station to AP): Incoming (AP to Station):

Advanced settings

Done

Then click on ‘Save Changes’ in the top right hand side web GUI .

Step 5. It is highly recommended to change default administrator's password for each unit:

The screenshot displays the Zcomax web interface. At the top left is the Zcomax logo. To its right are four circular icons: an information icon (i), a settings icon (gear), a tools icon (wrench and screwdriver), and a first aid kit icon. The settings icon is highlighted with a red square. Below the icons is a sidebar with a Wi-Fi icon, which is also highlighted with a red square. The main content area is titled "SYSTEM CONFIGURATION" and is divided into several sections:

- Device settings:** Contains two input fields: "Friendly name:" with the value "ZCN-M5-20" and "Contact information:" with the value "Contact".
- System functions:** Contains two buttons: "Backup device config:" with a "Backup" button and "Restore configuration:" with a "Restore" button.
- User accounts:** Contains a list of users, with "User: admin" and an "Edit" button highlighted by a red square.
- LED settings:** A section header.
- Advanced settings:** A section header.

ACCOUNT SETTINGS

Username:

Old password:

New password:

Verify password:

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Remember to save the new settings by click on the 'Save Changes' button.

Step 6. Verify the PTP link connection. Navigate to the Status | Information page. The Information page will display wireless information of the link.

The status page of the Station iPoll 3 must indicate that one peer (Access Point iPoll 3) is connected and information about connection must be displayed as follows:

The screenshot shows the Zcomax web interface for a Station iPoll 3. At the top right, a status bar displays 'eth0: 100baseT/full' and a wireless signal icon with '-23/-23 dBm'. The main content area is titled 'INFORMATION' and is divided into several sections:

- General Information:**
 - Product name: ZCN-M5-20n
 - Device serial No.: [redacted]
 - Network mode: Bridge
 - Wireless mode: Station (WDS/iPoll 2/iPoll 3)
 - Operating country: US (PTMP scenario)
 - Friendly device name: AirRunner
 - Device location: Device location
 - Latitude/Longitude: 0 / 0
- Radio:**
 - Channel: 157 (5785 MHz)
 - Channel width, MHz: 40 Upper
 - Tx power, dBm: 18
 - Noise level, dBm: -95
 - Protocol: 802.11a/n/iPoll 3
 - Radio mode: MIMO 2x2
 - Antenna gain, dBi: 20
- Wireless: (Station (WDS/iPoll 2/iPoll 3))**

Network SSID	Security	Peer MAC	Tx/Rx rate, Mbps	Tx/Rx CCQ, %	Protocol	Link uptime
ZCNPTP	WPA2 Personal		0 / 270	0 / 100	iPoll 3	1 min. 9 sec.
- Network:**
 - IP method: Dynamic
 - IP address: 172.168.33.102
 - Subnet mask: 255.255.255.0
 - Default gateway: 172.168.33.254
 - DNS server 1: 172.168.33.254
 - IPv6 method: Disabled