



# Configuring, Supporting the Fixed Domains and Country Codes (ROW)

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## Configuring and Verifying Country Code using CLI

To configure country code for the Rest of the World (ROW) domain, use the following CLI command:

```
Device# configure countrycode [countrycode]
```

Example:

```
Configure countrycode GB
```

The above CLI reports an error if the configured country code is not included in the ROW and the wireless interface does not work correctly if the country code is not configured.



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**Note** Reboot the device before configuring other wireless parameters such as frequency, channel width, and after configuring country code. Setting the country code is only applicable for access points with the ROW domain, such as IW9167EH-ROW.

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To verify status of country code, use the following show command:

```
Device# show version | in Product
Product/Model Number: IW9167EH-ROW
```

To verify status of ROW country code, use the following show command:

```
Device# show dot11Radio <interface> config
```

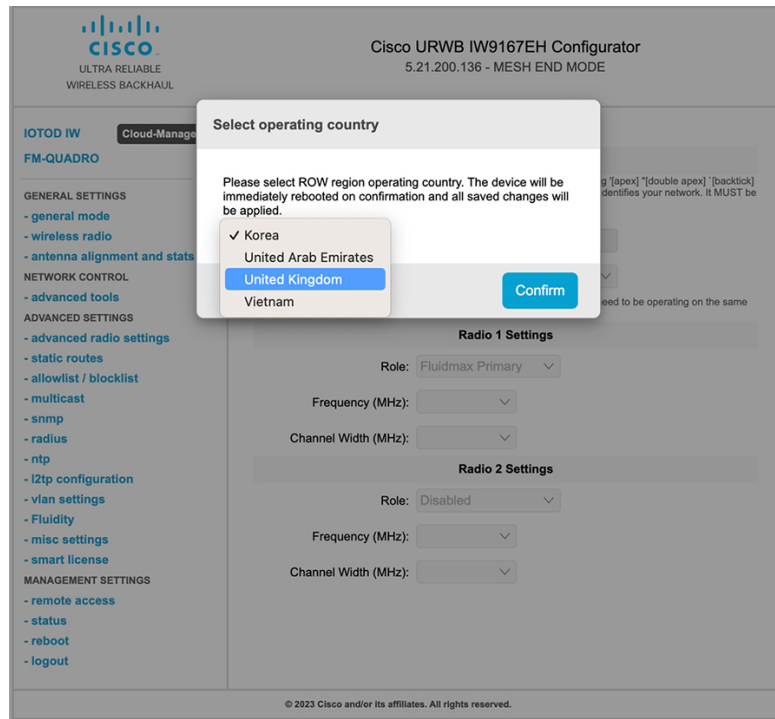
Example:

```
Device# show dot11Radio 1 config
.....
DFS region : GB
DFS radar role : auto
Radar Detected : 0
Indoor deployment: disable
```

# Configuring Country Code using GUI

Wireless interfaces fail to work if country code is not configured. To configure the country code:

1. In the **GENERAL SETTINGS**, click **wireless radio**.
2. For ROW domain, if the country code is not selected, the following pop-up appears:



3. To select a country code, click the pop-up in the above image then it redirects to the **Wireless Settings** section. In the **Wireless Settings** section, choose country from the drop-down list.

A confirmation pop-up appears.

4. Click **Confirm**.

A reboot confirmation screen appears.

5. Click **Yes**.

6. In the **MANAGEMENT SETTINGS**, click **status**.

In the **STATUS** page, check the details of operating region and country for confirmation.

The screenshot displays the Cisco URWB IW9167EH Configurator interface. The top left features the Cisco logo with the tagline 'ULTRA-RELIABLE WIRELESS BACKHAUL'. The top right identifies the device as 'Cisco URWB IW9167EH Configurator' in '5.246.1.104 - MESH POINT MODE'. The main interface is divided into a left sidebar with navigation menus and a main content area on the right.

**Left Sidebar:**

- IOTOD IW: **Online**
- IW-MONITOR: **Disabled**
- GENERAL SETTINGS
  - general mode
  - wireless radio
  - antenna alignment and stats
- NETWORK CONTROL
  - advanced tools
- ADVANCED SETTINGS
  - advanced radio settings
  - static routes
  - allowlist / blocklist
  - snmp
  - radius
  - ntp
  - ethernet filter
  - l2tp configuration
  - vlan settings
  - Fluidity
  - misc settings
- MANAGEMENT SETTINGS
  - remote access
  - firmware upgrade
  - status
  - configuration settings
  - reset factory default
  - reboot
  - logout

**Main Content Area:**

**STATUS**

Device: Cisco Catalyst IW9167E Heavy Duty Access Point  
 Name: unset  
 ID: 5.246.1.104  
 Serial: KWC2702000L  
 Operating Mode: Mesh Point  
 Uptime: 2 min  
 Firmware version: 8.8.1.10

**DEVICE SETTINGS**

IP: 10.115.11.142  
 Netmask: 255.255.255.0  
 MAC address: 40:36:5a:f6:01:68  
 Configured MTU: 1530

**WIRED0**  
 Status: up  
 Speed: 100 Mb/s  
 Duplex: full  
 MTU: 1530

**WIRED1**  
 Status: down

**WIRELESS SETTINGS**  
 Passphrase: CiscoURWB-142  
 Operating region: ROW  
 Country: GB

**Radio 1**  
 Interface: enabled  
 Mode: fixed infrastructure  
 Frequency: 5500 MHz  
 Channel: 100  
 Channel Width: 80 MHz  
 Current tx power: -96 dBm  
 Current tx power level: 1  
 Antenna gain: not selected  
 Antenna number: 2  
 Radio Mode: csma/ca  
 Maximum link length: 3 km

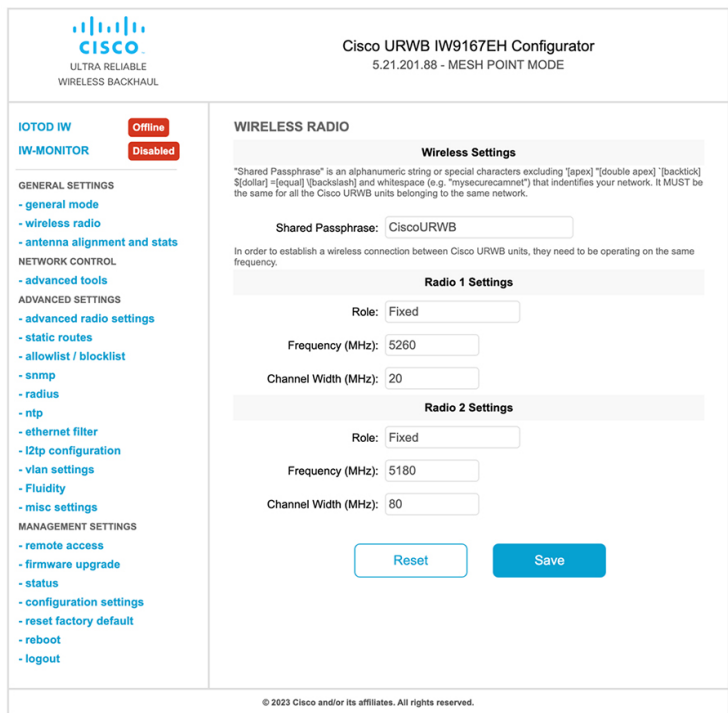
**Radio 2**  
 Interface: disabled  
 Mode: fixed infrastructure  
 Frequency: 5500 MHz  
 Channel: 100  
 Channel Width: 80 MHz  
 Comment tx power: -96 dBm

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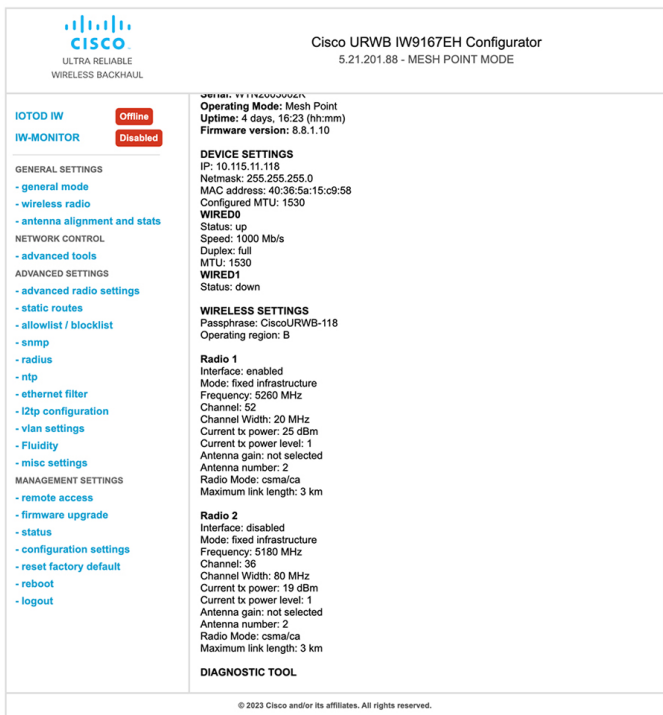
7. To establish a wireless connection between devices, set the same operating frequency in radio devices.



**Note** Shared Passphrase must be same for all the devices belonging to the same network.



Following image shows the configuration of country code using GUI:



## Supporting Fixed Domains and Country Codes (ROW)

The ROW reg domain simplifies the domain management of the manufacturing process for all the country codes that do not have a specific domain mapped. The fixed domain and country code support for the Catalysts IW9167E, IW9165E, and IW9165D access points are described in this section.

You are responsible for ensuring APs approval for use in your country. To verify approval and to identify the regulatory domain associated with a particular country. For more information, see [Cisco Product Approval Status](#).

### Catalyst IW9167E Supported Fixed Domains

Domain	Indoor Deployment Support
A	No
B	N/A
E	Yes
F	No
Q	No
Z	No



**Note** Outdoor and indoor frequencies are same for the B domain.

### Catalyst IW9167E Supported Country Codes (ROW)

Domain ROW Country Code	Indoor Deployment Support	Support Version
VN (Vietnam)	N/A	17.11.1
GB (Great Britain)	Yes	17.11.1
KR (Korea)	No	17.12.1
IN (India)	No	17.12.1
PE (Peru)	No	17.12.1
PH (Philippines)	No	17.12.1
ZA (South Africa)	No	17.13.1
AR (Argentina)	No	17.13.1
HK (Hong Kong)	No	17.13.1

Domain ROW Country Code	Indoor Deployment Support	Support Version
PK (Pakistan)	No	17.13.1
UY (Uruguay)	No	17.13.1
CO (Colombia)	No	17.13.1
BR (Brazil)	No	17.13.1
CN (China)	No	17.13.1
EC (Ecuador)	No	17.13.1
IQ (Iraq)	No	17.13.1
SG (Singapore)	No	17.13.1
SA (Saudi Arabia)	No	17.13.1
QA (Qatar)	No	17.13.1
MX (Mexico)	No	17.13.1
TH (Thailand)	No	17.13.1
CL (Chile)	No	17.13.1
TW (Taiwan, Republic of China)	No	17.13.1
AE (United Arab Emirates)	No	17.13.1
EG (Egypt)	No	17.15.1
MY (Malaysia)	No	17.15.1
MN (Mongolia)	No	17.15.1



**Note** You can select only the listed country codes using CLI or GUI.  
For ROW domain, select the country code for the device to work.  
OM (Oman), IS (Iceland) and MC (Monaco) are supported using EU domain.

## Catalyst IW9165E Supported Fixed Domains

Domain	Indoor Deployment Support
A	Yes
B	N/A
E	Yes

Domain	Indoor Deployment Support
Z	Yes
Q	Yes
F	Yes



**Note** Outdoor and indoor frequencies are same for B domain.

## Catalyst IW9165E Supported Country Codes (ROW)

Domain ROW Country Code	Indoor Deployment Support	Support Version
GB (Great Britain)	Yes	17.12.1
ZA (South Africa)	Yes	17.13.1
IN (India)	Yes	17.13.1
KR (Korea)	Yes	17.13.1
PE (Peru)	Yes	17.13.1
AE (UAE)	Yes	17.13.1
MX (Mexico)	Yes	17.13.1
BR (Brazil)	Yes	17.13.1
CL (Chile)	Yes	17.13.1
SA (Saudi Arabia)	Yes	17.13.1
PH (Philippines)	Yes	17.13.1
QA (Qatar)	Yes	17.13.1
SG (Singapore)	Yes	17.13.1
LK (Sri Lanka)	Yes	17.13.1
TH (Thailand)	Yes	17.13.1
VN (Vietnam)	Yes	17.13.1
TW (Taiwan, Republic of China)	Yes	17.14.1
EG (Egypt)	Yes	17.15.1
MY (Malaysia)	Yes	17.15.1

Domain ROW Country Code	Indoor Deployment Support	Support Version
AR (Argentina)	Yes	17.15.1
CN (China)	Yes	17.15.1
CO (Colombia)	Yes	17.15.1
EC (Ecuador)	Yes	17.15.1
HK (Hong Kong)	Yes	17.15.1



**Note** You can select only the listed country codes using CLI or GUI.  
For ROW domain, select the country code for the device to work.  
OM (Oman) supports -E domain.

## Catalyst IW9165D Supported Fixed Domains

Domain	Indoor Deployment Support
A	No
B	N/A
E	Yes
Z	No
Q	No
F	No



**Note** Outdoor and indoor frequencies are same for the B domain.

## Catalyst IW9165DH Supported Country Codes (ROW)

Domain ROW Country Code	Indoor Deployment Support	Support Version
GB (Great Britain)	Yes	17.12.1
ZA (South Africa)	No	17.13.1
IN (India)	No	17.13.1
KR (Korea)	No	17.13.1



Domain ROW Country Code	Indoor Deployment Support	Support Version
PE (Peru)	No	17.13.1
AE (UAE)	No	17.13.1
MX (Mexico)	No	17.13.1
BR (Brazil)	No	17.13.1
CL (Chile)	No	17.13.1
SA (Saudi Arabia)	No	17.13.1
PH (Philippines)	No	17.13.1
QA (Qatar)	No	17.13.1
SG (Singapore)	No	17.13.1
LK (Sri Lanka)	No	17.13.1
TH (Thailand)	No	17.13.1
VN (Vietnam)	No	17.13.1
TW (Taiwan, Republic of China)	No	17.14.1
EG (Egypt)	No	17.15.1
MY (Malaysia)	No	17.15.1
AR (Argentina)	No	17.15.1
CN (China)	No	17.15.1
CO (Colombia)	No	17.15.1
EC (Ecuador)	No	17.15.1
HK (Hong Kong)	No	17.15.1



**Note** You can select only the listed country codes using CLI or GUI.  
For ROW domain, select the country code for the device to work.  
OM (Oman) supports -E domain.

