

Wi-Fi Setup for Iridium EAS Security Antennas

◆ STEP 1: Activating the Hotspot on Your Phone

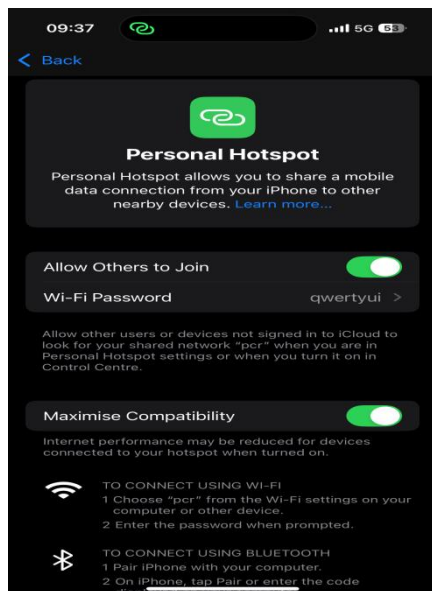
Purpose: Temporarily connect the antennas to a mobile hotspot with a predefined SSID and password.

Default values in the electronics:

- **SSID (network name):** pcr
- **Password:** qwertyui

Instructions:

1. Open **Settings > Personal Hotspot** on your phone.
2. Enable **Allow Others to Join**.
3. Set the hotspot password to: **qwertyui**.
4. Change the network name (SSID) to **pcr**.
5. Enable **Maximise Compatibility**.



◆ STEP 2: Access Baozam.net and Select the Device

1. Open your browser and go to: <https://baozam.net>
2. From the top menu, select **Configuration > Hosts**.

Baozam	Monitoring	Inventory	Reports	Configuration	More		
Dashboard				Host groups	Templates		
Last 20 issues				Hosts	Screens		
Host				Maintenance	Actions		
goutlet(Киев, Малышка				Discovery	IT services		
Tagart(Eaa 3044 м. Киев, пр. Шухевича Романа буд.12 SN:36-1092				Device Registration			
Tagart(Eaa 10006 Днепр, ТЦ Дафи SN:36-1045				no data	2025-05-29 10:35:30	25s	No 1
bajana38(Текстиль-Контакт Бажана 38 SN:20-1008				no data from	2025-05-29 10:35:30	25s	No 1
BM ISEP(Житомир ТЦ Глобал SN:20-0561				no data from	2025-05-29 10:35:30	25s	No 1

3. In the **Name like** field, enter the **serial number** of the Wi-Fi module (e.g. 37-1079).
4. Click **Filter**.
5. Once the device appears, click the green **Tuner** button on the right side.

The screenshot shows the 'Hosts' management page. At the top, there are tabs: Baozam, Monitoring, Inventory, Reports, Configuration, More, and user icons. The 'Hosts' section has a 'Group' dropdown set to 'all' and buttons for 'Create host', 'Import', and a filter icon. Below this are four search filters: 'Name like' (containing '37-1079'), 'DNS like', 'IP like', and 'Port like'. There are 'Filter' and 'Reset' buttons. At the bottom, a table lists hosts. The first host is 'Tagart\IRIDIUM AMS v7 SN:37-1079' with status 'Enabled'. The 'Filter' button and the 'Enabled' status are circled in red.

◆ STEP 3: Enter Wi-Fi Network Details

1. At the top of the interface, click on the **Base** tab.

The screenshot shows the 'IRIDIUM AMS v7 SN:37-1079 - Tuner' page. At the top, there are tabs: Baozam, Monitoring =>, Inventory =>, Reports =>, More =>, and user icons. The 'Base' tab is selected and highlighted with a red circle. Below the tabs are buttons for 'Settings' and 'Disconnect'. The 'AM1 - Measurements' section shows various status indicators: 01 CH1 Criteria, 02 CH1 Sig - Noi..., 03 CH1 Alarm, 04 CH1 State, 05 CH2 Criteria, 06 CH2 Sig - Noi..., 07 CH2 Alarm, and 08 CH2 State.

2. In field **05 – WiFi SSID**, enter the store's network name (e.g. Store_123) and press **Enter**.
3. In field **06 – WiFi PWD**, enter the password for the store's network and press **Enter**.

The screenshot shows the 'Base' configuration page. At the top, there are tabs: 17 - Burst Config and 18 - TX Power Mode. Below these are input fields for '01 - Battery Voltage' (1.00459), '02 - Firmware VER' (431.1 (Aug 25 20)), '03 - Device Name' (IRIDIUM AMS v7), and '04 - Device Serial' (4b00 4c00 0150 4). Below these are input fields for '05 - WiFi SSID' (pC), '06 - WiFi PWD' (*****), '07 - Time Correction' (801819343), and '08 - Timestamp' (1748504322). The '05 - WiFi SSID' and '06 - WiFi PWD' fields are highlighted with red boxes.

In the RF version, the Base window opens by default. The network name and password should be entered in the fields Wi-Fi SSID and Wi-Fi PWD.

Important: Do not change the WiFi-2 SSID field – this should remain assigned to the PCR network.

4. Click on **Settings > Save**

◆ **STEP 4: Save the Details Again (Hard Write)**

Some devices do not connect on the first attempt. Therefore, the Wi-Fi settings must be entered and saved again:

1. Re-enter the same values in **WiFi SSID** and **WiFi PWD**.
2. Click **Save** again.

◆ **STEP 5: Restart and Verify the Connection**

1. **Turn off the hotspot** on your phone.
2. **Restart all antennas** – unplug them from the power source and plug them back in.
3. **After restarting, check in Baozam if the antenna reconnects and shows as active.**

◆ TIP: Setting Up Multiple Antennas Simultaneously

If there are **multiple antennas on-site** (e.g. 5 units), you can complete the process for all of them at once:

- **Activate the hotspot only once.**
- The antennas will automatically connect one by one.
- In your browser, **open each antenna's interface in a separate tab or window.**
- Once they appear online, configure the Wi-Fi details individually for each antenna.

Wi-Fi Setup via USB Connection *(for AM version only)*

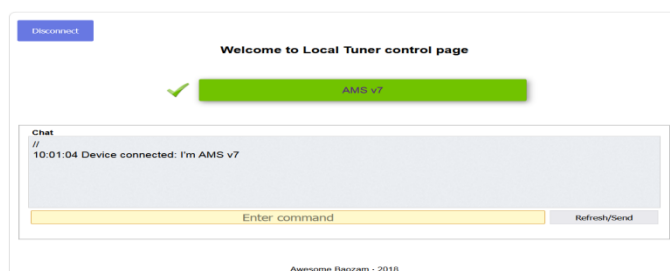
This method is used when you want to configure the Wi-Fi connection directly through a computer using a micro USB cable, without the need for a hotspot.

Procedure:

1. Connect the micro USB cable between the AM electronics and your computer.
2. Open the “Tuner_Iridium” software on your computer
3. Click the Tuner button

Název položky	Datum změny	Typ	Velikost
dev	30.1.2024 6:49	Složka souborů	
tuner	18.5.2018 15:03	Aplikace	5 868 kB
tuner_win7	21.5.2018 16:03	Aplikace	5 599 kB

4. A connection window will appear:
 - If the window is green, you can proceed by clicking it.
 - If the window is gray (inactive):
 - Disconnect the USB cable from the computer
 - Wait a few seconds and reconnect it
 - Then click Refresh/Send



- After refreshing, the window should turn green – this means the device was successfully recognized.
- Click the green window – the software will now display the interface of the connected electronics

IRIDIUM AMS - Tuner

Settings Disconnect

AM1 - Measurements AM2 - Settings AM3 - SYNC AM4 - Instruments AM5 - Indication AM6 - Advanced Settings Base Monitor Chat

AM1 - Measurements

01 CH1 Crit...	0.0141233	0	0	0	0	0	0	0
02 CH1 Sig...	0.0680111	0	0	0	0	0	0	0
03 CH1 Alarm	0	0	0	0	0	0	0	0
04 CH1 State	0	0	0	0	0	0	0	0
05 CH2 Crit...	0	0	0	0	0	0	0	0
06 CH2 Sig...	0	0	0	0	0	0	0	0
07 CH2 Alarm	0	0	0	0	0	0	0	0
08 CH2 State	0	0	0	0	0	0	0	0
09 CH3 Crit...	0	0	0	0	0	0	0	0
10 CH3 Sig...	0	0	0	0	0	0	0	0
11 CH3 Alarm	0	0	0	0	0	0	0	0
12 CH3 State	0	0	0	0	0	0	0	0
13 CH4 Crit...	0	0	0	0	0	0	0	0
14 CH4 Sig...	0	0	0	0	0	0	0	0
15 CH4 Alarm	0	0	0	0	0	0	0	0
16 CH4 State	0	0	0	0	0	0	0	0
17 - Alarm s...	0	0	0	0	0	0	0	0
18 - Alarm c...	0	0	0	0	0	0	0	0

AM2 - Settings

01 CH1 Criteria th	02 CH1 Sensitivity	03 CH2 Criteria th	04 CH2 Sensitivity	05 CH3 Criteria th	06 CH3 Sensitivity	07 CH4 Criteria th	08 CH4 Sensitivity	09 CH1 TX Power
5	5	5	5	5	5	5	5	100
10 CH2 TX Power	11 CH3 TX Power	12 CH4 TX Power	13 CH1 RX Enable	14 CH2 RX Enable	15 CH3 RX Enable	16 CH4 RX Enable	17 - Burst Config	18 - Tx Power Mode
100	100	100	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	0	1

Base

01 - Battery Voltage	02 - Firmware VER	03 - Device Name	04 - Device Serial	05 - Wi-Fi SSID	06 - Wi-Fi PWD	07 - Time Correction	08 - Timest...
1.05996	431.1 (Aug 25)	AMS v7	4b00 3c00 015	Iridium Eas	*****	801820100	1748505733

Monitor

Entering Wi-Fi Network Information:

- At the top, click on the Base tab.
- In field 05 – WiFi SSID, enter the store's network name (e.g., Store_123) and confirm with Enter.
- In field 06 – WiFi PWD, enter the network password and confirm with Enter.
- Click Settings > Save

◆ STEP 4: Redundant Data Saving

Some devices may not connect on the first try, so it's necessary to save the data again:

- Re-enter the same values in fields 05 – WiFi SSID and 06 – WiFi PWD.
- Click Save again.

◆ STEP 5: Restart and Connection Verification

- Disconnect the device from USB.
- Restart all antennas – power them off and on again.
- After restarting, check the Baozam portal to see if the antenna has connected and appears as active.

Another way to connect to wifi in this video: <https://www.youtube.com/watch?v=XguCU-UEO3I>