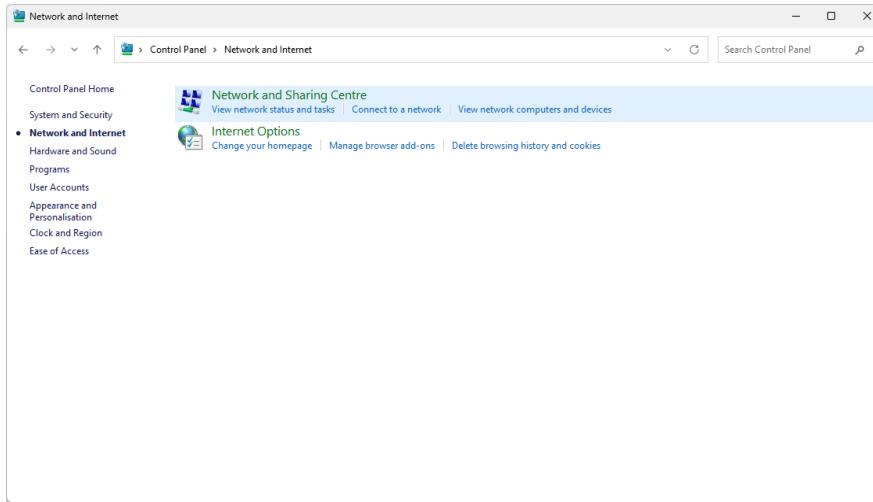
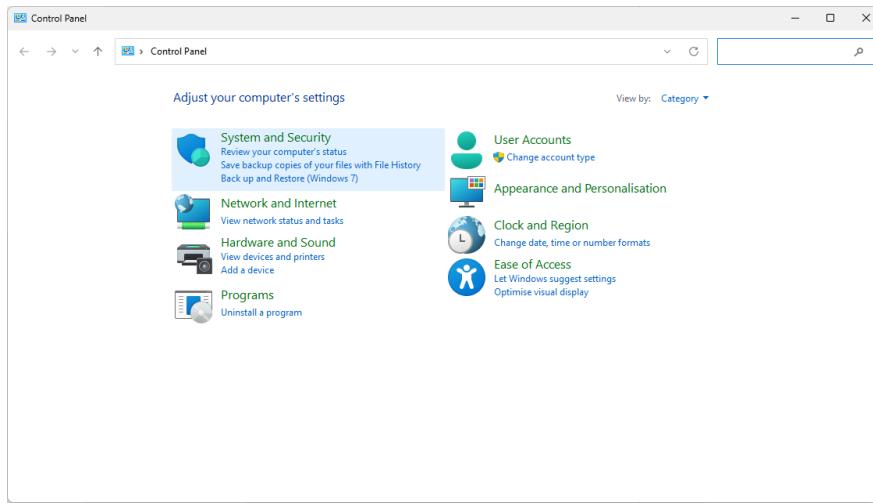


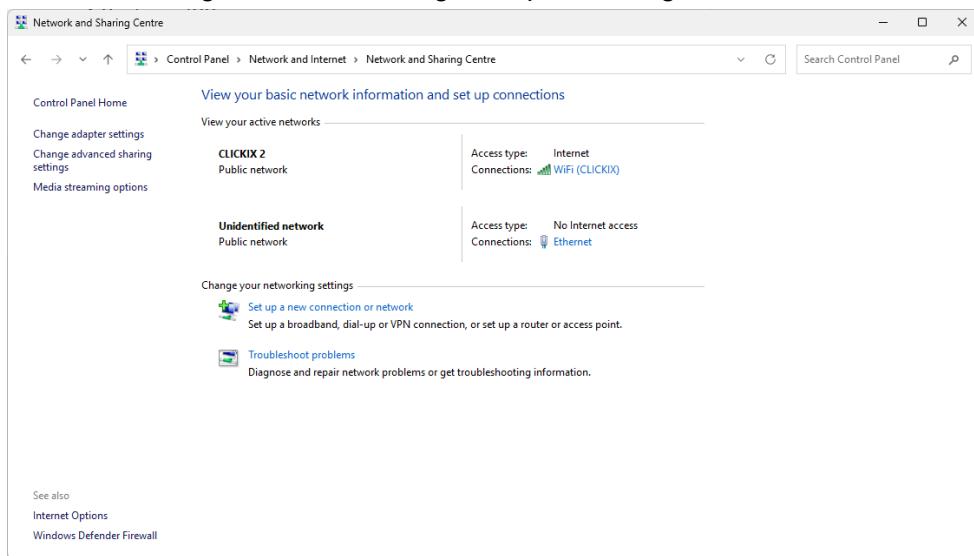
Step to setup Wifi Sniffer

1. Configure ICS

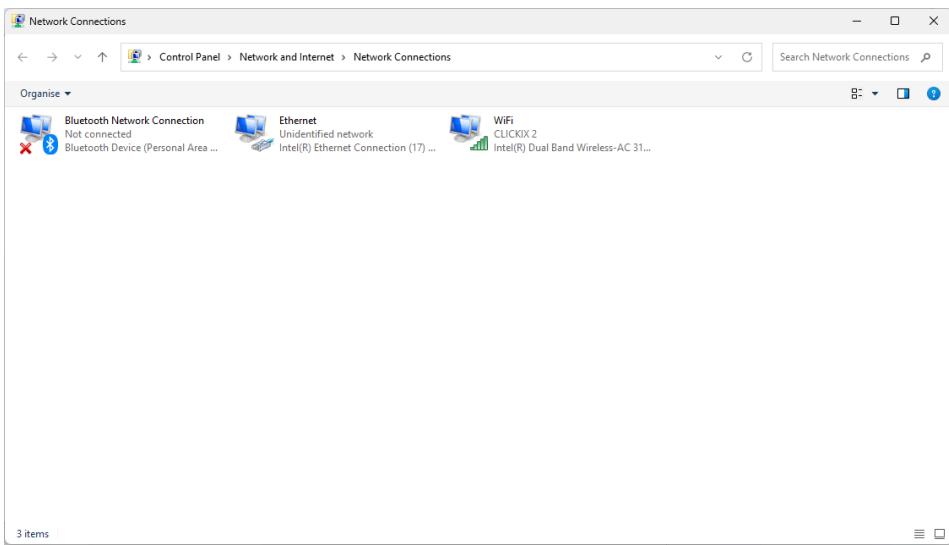
Open Control Panel -> Network & Internets -> Change Adapter Setting



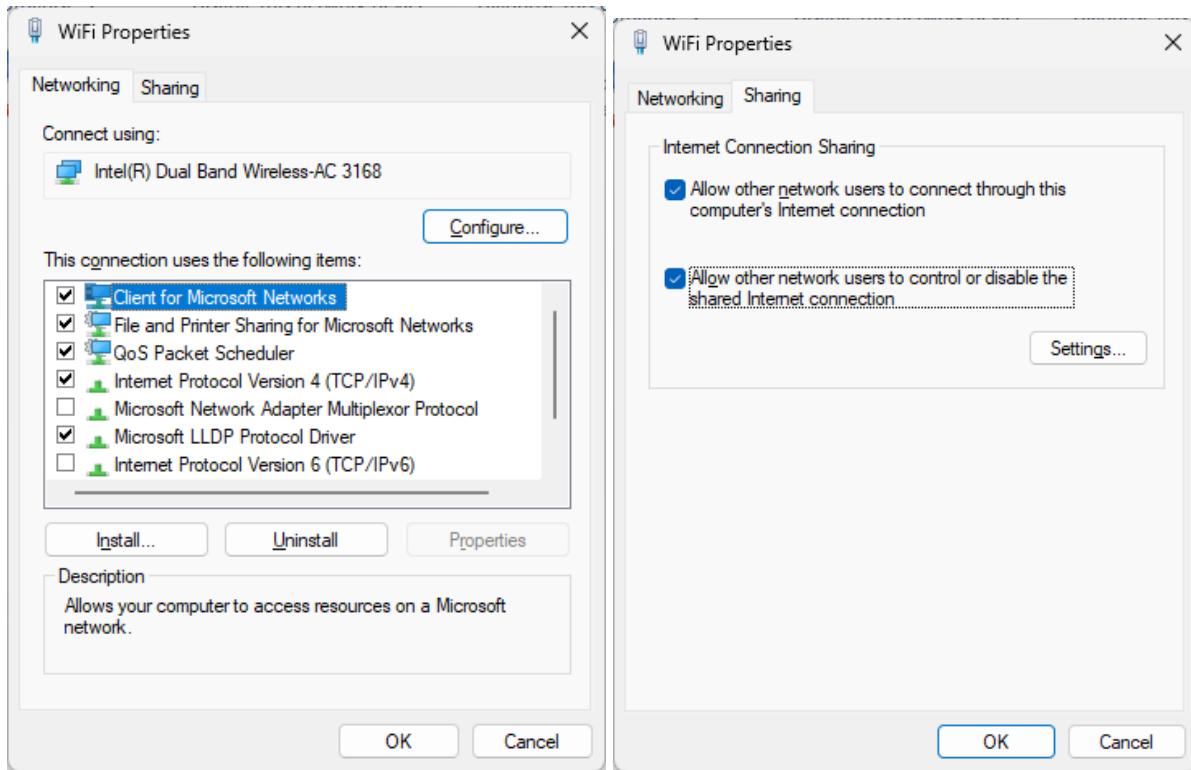
Click Network and Sharing Centre -> Change Adapter Settings



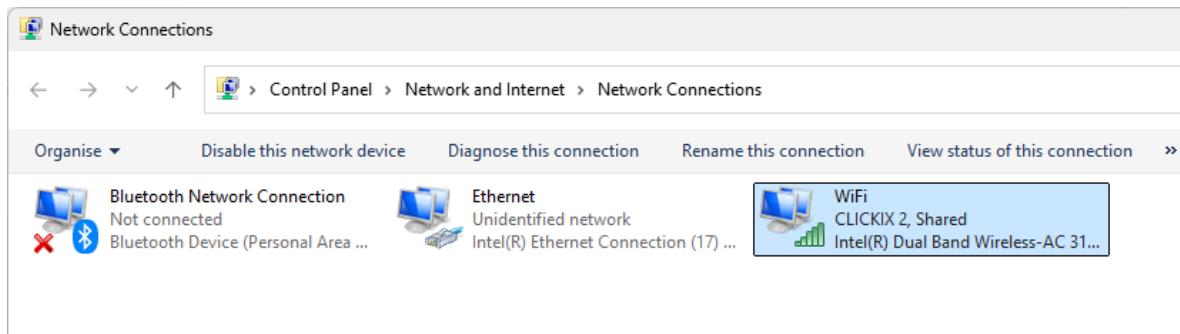
Click on wifi -> Right click -> Properties



Go to Sharing Tab -> Tick the check box for ICS and click OK



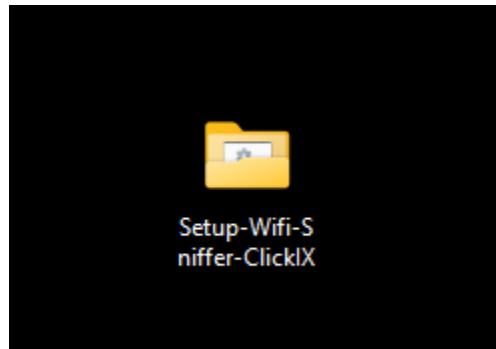
To confirm ICS working, It will show "Shared" beside wifi name



Open the folder provided from the USB or download the folder from this link :

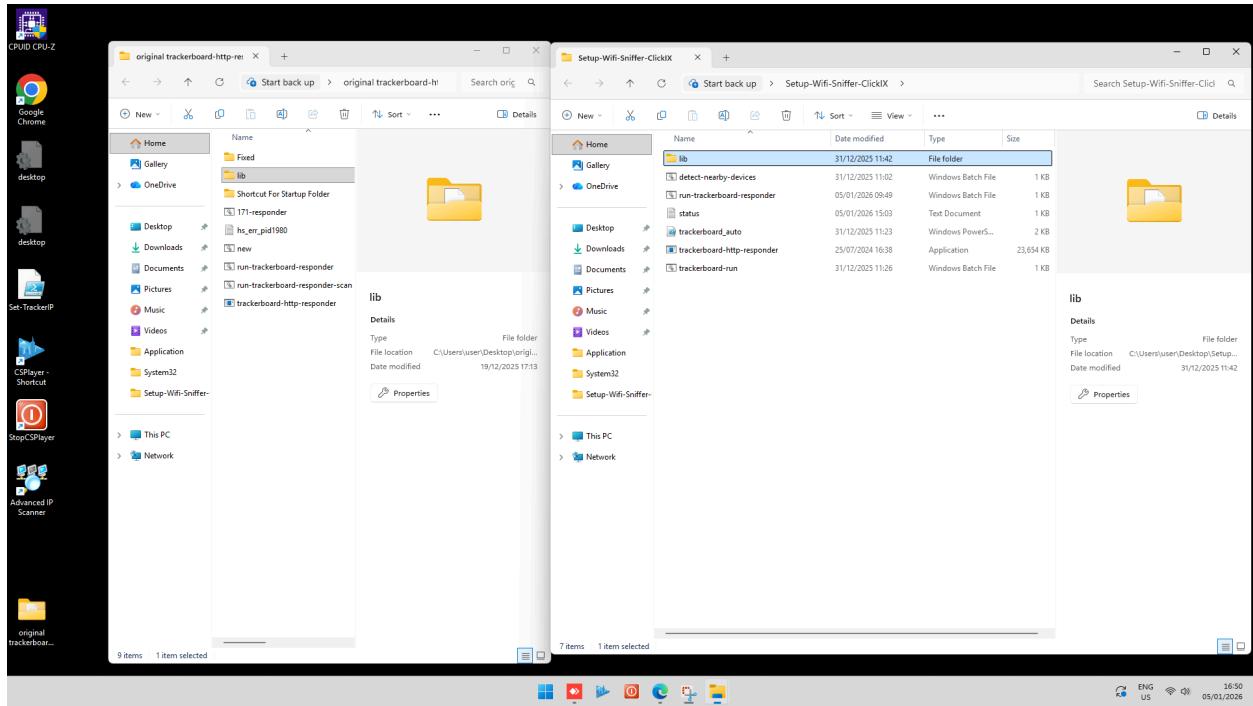
Izzrieg/Wifi-Sniffer-Setup-ClickIX

Right Click on Green Code Button -> Download Zip file -> Extract to Desktop



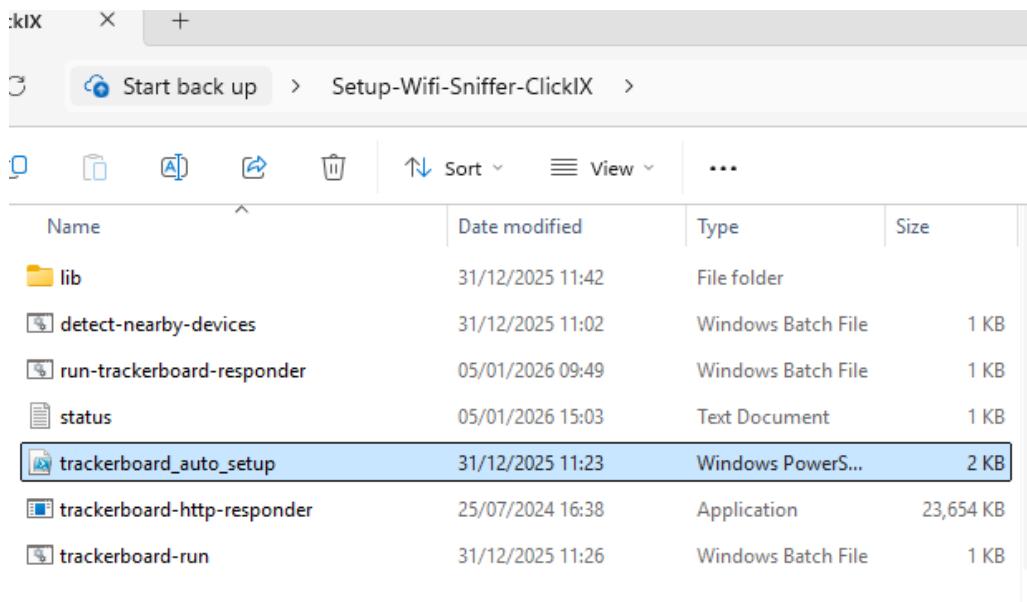
ONLY DO IF NEEDS

Copy lib folder from original-tracker-board provided by Alexy -> paste it into downloaded folder

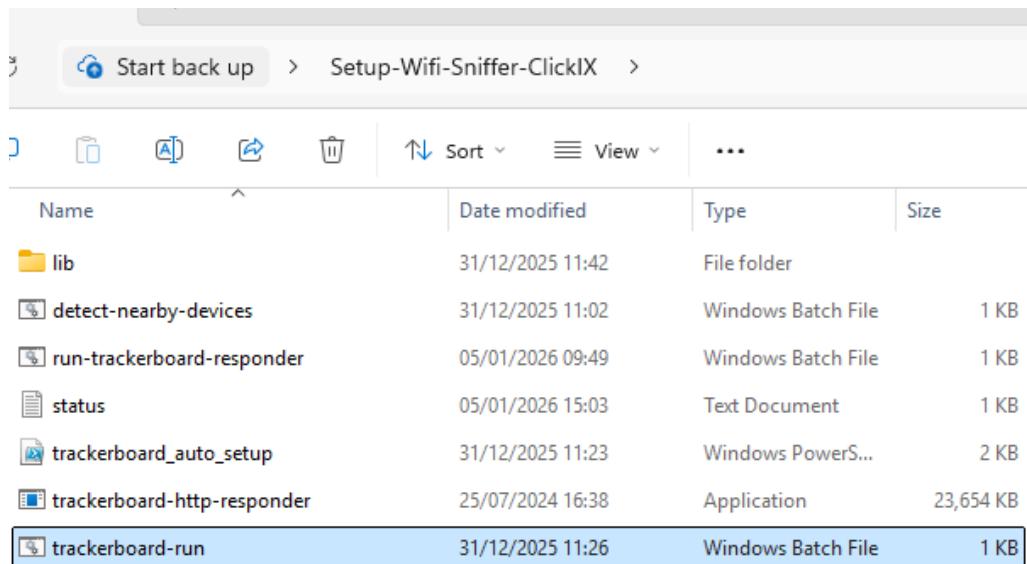


2. Running Static IP Setup

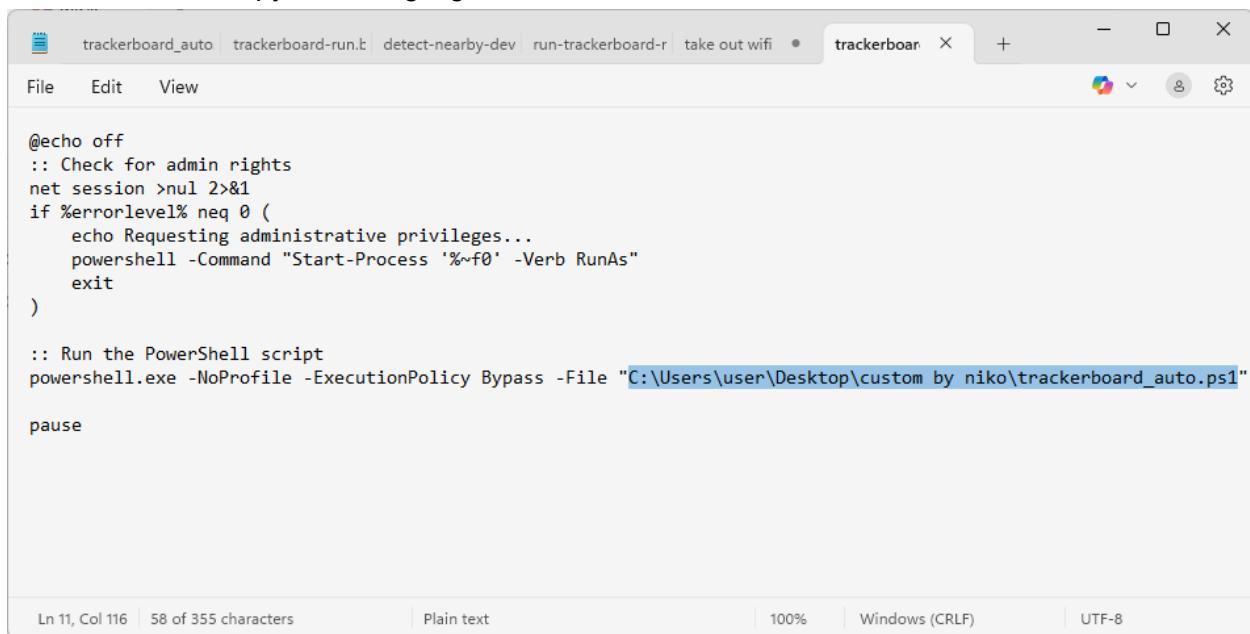
Open the downloaded folder -> right click on trackerboard_auto_setup -> Copy As Path (Ctrl + Shift + C)



Go to trackerboard-run -> Right click and select Edit in Notepad



Paste the recent copy to this highlighted area -> hit Ctrl + S



The screenshot shows a terminal window titled "trackerboard" with the following content:

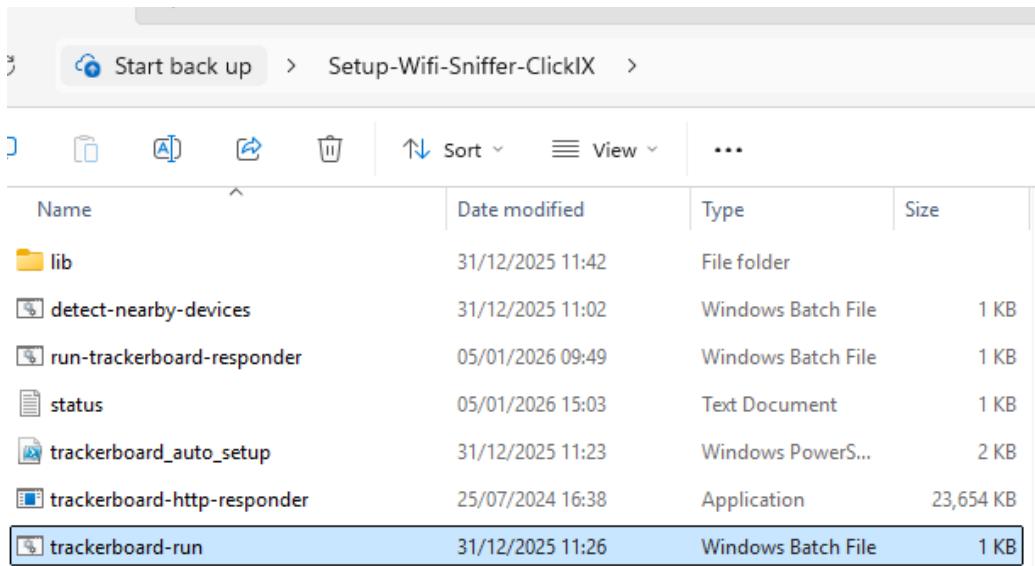
```
@echo off
:: Check for admin rights
net session >nul 2>&1
if %errorlevel% neq 0 (
    echo Requesting administrative privileges...
    powershell -Command "Start-Process '%~f0' -Verb RunAs"
    exit
)

:: Run the PowerShell script
powershell.exe -NoProfile -ExecutionPolicy Bypass -File "C:\Users\user\Desktop\custom by niko\trackerboard_auto.ps1"

pause
```

At the bottom of the terminal window, status information is displayed: Ln 11, Col 116 | 58 of 355 characters | Plain text | 100% | Windows (CRLF) | UTF-8

Run the highlighted folder



The screenshot shows a file explorer window with the following navigation path: Start back up > Setup-Wifi-Sniffer-ClickIX > . The table below lists the contents of the current directory.

Name	Date modified	Type	Size
lib	31/12/2025 11:42	File folder	
detect-nearby-devices	31/12/2025 11:02	Windows Batch File	1 KB
run-trackerboard-responder	05/01/2026 09:49	Windows Batch File	1 KB
status	05/01/2026 15:03	Text Document	1 KB
trackerboard_auto_setup	31/12/2025 11:23	Windows PowerS...	2 KB
trackerboard-http-responder	25/07/2024 16:38	Application	23,654 KB
trackerboard-run	31/12/2025 11:26	Windows Batch File	1 KB

The Automation will do the job and the ip will set to reserved IP
192.168.32.2 = Master of DS
192.168.32.10 = IP for Slave

```
Administrator: C:\WINDOWS\System32\cmd.exe
--- STEP 1: Configure Ethernet IP ---

IPAddress      : 192.168.32.10
InterfaceIndex  : 9
InterfaceAlias  : Ethernet
AddressFamily   : IPv4
Type            : Unicast
PrefixLength    : 24
PrefixOrigin    : Manual
SuffixOrigin    : Manual
AddressState    : Preferred
ValidLifetime   :
PreferredLifetime :
SkipAsSource    : False
PolicyStore     : ActiveStore

IPAddress      : 192.168.32.10
InterfaceIndex  : 9
InterfaceAlias  : Ethernet
AddressFamily   : IPv4
Type            : Unicast
PrefixLength    : 24
PrefixOrigin    : Manual
SuffixOrigin    : Manual
AddressState    : Invalid
ValidLifetime   :
PreferredLifetime :
SkipAsSource    : False
PolicyStore     : PersistentStore

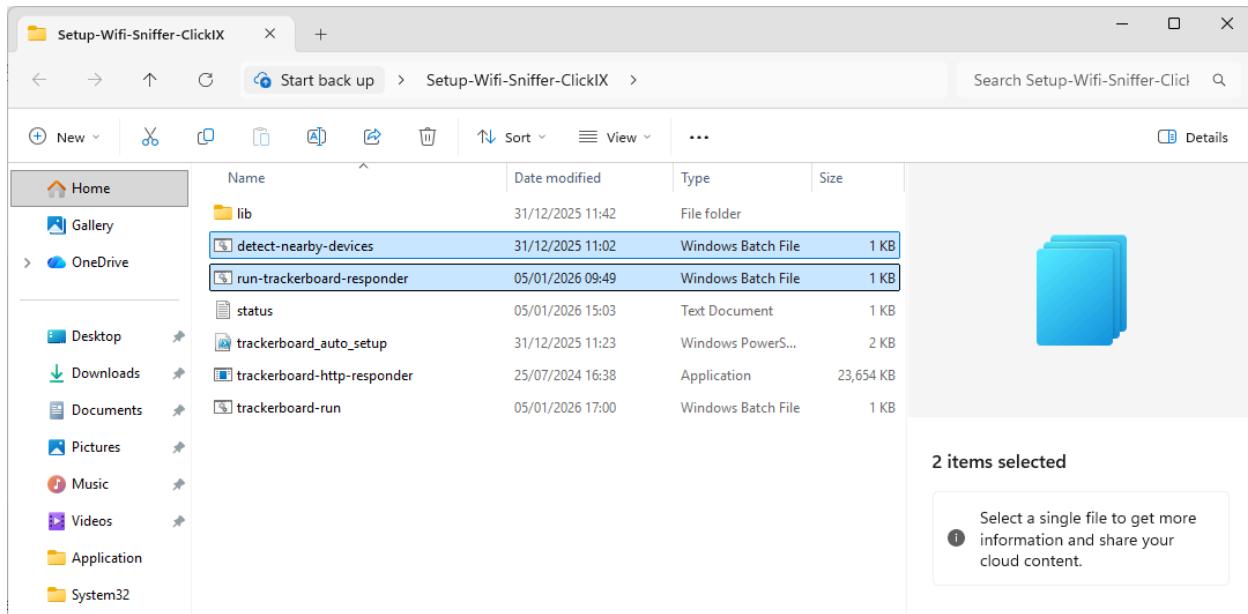
Ethernet set to 192.168.32.10
--- STEP 2: Find Sniffer IP by MAC ===
Testing 192.168.32.47 ...
Sniffer found at 192.168.32.47
--- STEP 3: Set Sniffer Static IP (192.168.32.2) ===

status : 200

Sniffer successfully configured to 192.168.32.2

Press any key to continue . . .
```

After the status showing 200, plug off ethernet cable from wifi sniffer and wait for 15-20 seconds and plug in back, wait for all 4 orange light to blinking.



You may use 3 method to verify the static ip has been assigned / ip already works to detect nearby devices.

1. First method :

Open CMD -> Ping 192.168.32.2

```
Microsoft Windows [Version 10.0.26100.7462]
(c) Microsoft Corporation. All rights reserved.

C:\Users\user>ping 192.168.32.2

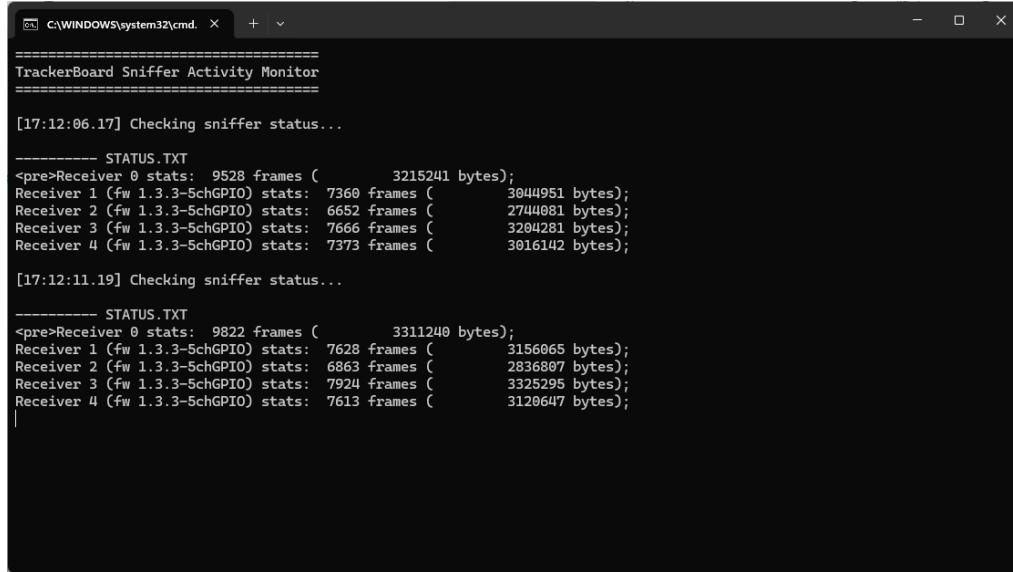
Pinging 192.168.32.2 with 32 bytes of data:
Reply from 192.168.32.2: bytes=32 time=1ms TTL=255
Reply from 192.168.32.2: bytes=32 time<1ms TTL=255
Reply from 192.168.32.2: bytes=32 time<1ms TTL=255
Reply from 192.168.32.2: bytes=32 time<1ms TTL=255

Ping statistics for 192.168.32.2:
    Packets: Sent = 4, Received = 4, Lost = 0 (0% loss),
    Approximate round trip times in milli-seconds:
        Minimum = 0ms, Maximum = 1ms, Average = 0ms

C:\Users\user>
```

2. Second method :

Run detect-nearby-devices



```
C:\WINDOWS\system32\cmd. + 

=====
TrackerBoard Sniffer Activity Monitor
=====

[17:12:06.17] Checking sniffer status...

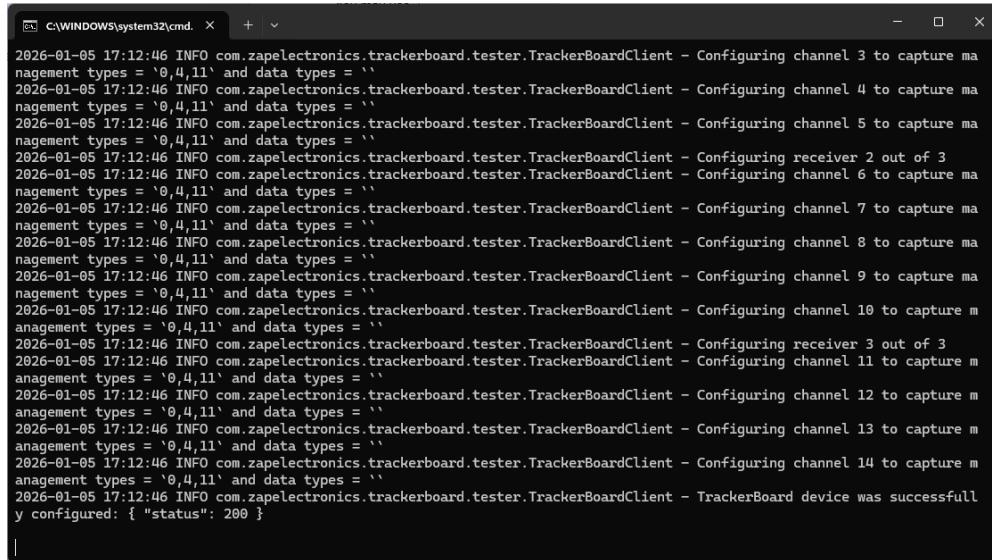
----- STATUS.TXT
<pre>Receiver 0 stats: 9528 frames (      3215241 bytes);
Receiver 1 (fw 1.3.3-5chGPIO) stats: 7360 frames (      3044951 bytes);
Receiver 2 (fw 1.3.3-5chGPIO) stats: 6652 frames (      2744081 bytes);
Receiver 3 (fw 1.3.3-5chGPIO) stats: 7666 frames (      3204281 bytes);
Receiver 4 (fw 1.3.3-5chGPIO) stats: 7373 frames (      3016142 bytes);

[17:12:11.19] Checking sniffer status...

----- STATUS.TXT
<pre>Receiver 0 stats: 9822 frames (      3311240 bytes);
Receiver 1 (fw 1.3.3-5chGPIO) stats: 7628 frames (      3156065 bytes);
Receiver 2 (fw 1.3.3-5chGPIO) stats: 6863 frames (      2836807 bytes);
Receiver 3 (fw 1.3.3-5chGPIO) stats: 7924 frames (      3325295 bytes);
Receiver 4 (fw 1.3.3-5chGPIO) stats: 7613 frames (      3126647 bytes);
|
```

3. Third method :

Run run-trackerboard-responder (Alexy files)



```
C:\WINDOWS\system32\cmd. + 

2026-01-05 17:12:46 INFO com.zapelectronics.trackerboard.tester.TrackerBoardClient - Configuring channel 3 to capture management types = '0,4,11' and data types = ''
2026-01-05 17:12:46 INFO com.zapelectronics.trackerboard.tester.TrackerBoardClient - Configuring channel 4 to capture management types = '0,4,11' and data types = ''
2026-01-05 17:12:46 INFO com.zapelectronics.trackerboard.tester.TrackerBoardClient - Configuring channel 5 to capture management types = '0,4,11' and data types = ''
2026-01-05 17:12:46 INFO com.zapelectronics.trackerboard.tester.TrackerBoardClient - Configuring receiver 2 out of 3
2026-01-05 17:12:46 INFO com.zapelectronics.trackerboard.tester.TrackerBoardClient - Configuring channel 6 to capture management types = '0,4,11' and data types = ''
2026-01-05 17:12:46 INFO com.zapelectronics.trackerboard.tester.TrackerBoardClient - Configuring channel 7 to capture management types = '0,4,11' and data types = ''
2026-01-05 17:12:46 INFO com.zapelectronics.trackerboard.tester.TrackerBoardClient - Configuring channel 8 to capture management types = '0,4,11' and data types = ''
2026-01-05 17:12:46 INFO com.zapelectronics.trackerboard.tester.TrackerBoardClient - Configuring channel 9 to capture management types = '0,4,11' and data types = ''
2026-01-05 17:12:46 INFO com.zapelectronics.trackerboard.tester.TrackerBoardClient - Configuring channel 10 to capture management types = '0,4,11' and data types = ''
2026-01-05 17:12:46 INFO com.zapelectronics.trackerboard.tester.TrackerBoardClient - Configuring receiver 3 out of 3
2026-01-05 17:12:46 INFO com.zapelectronics.trackerboard.tester.TrackerBoardClient - Configuring channel 11 to capture management types = '0,4,11' and data types = ''
2026-01-05 17:12:46 INFO com.zapelectronics.trackerboard.tester.TrackerBoardClient - Configuring channel 12 to capture management types = '0,4,11' and data types = ''
2026-01-05 17:12:46 INFO com.zapelectronics.trackerboard.tester.TrackerBoardClient - Configuring channel 13 to capture management types = '0,4,11' and data types = ''
2026-01-05 17:12:46 INFO com.zapelectronics.trackerboard.tester.TrackerBoardClient - Configuring channel 14 to capture management types = '0,4,11' and data types = ''
2026-01-05 17:12:46 INFO com.zapelectronics.trackerboard.tester.TrackerBoardClient - TrackerBoard device was successfully configured: { "status": 200 }
```