# Download communication package by WireShark

D027_v1.0

Download software - WireShark:
https://www.wireshark.org/download.html

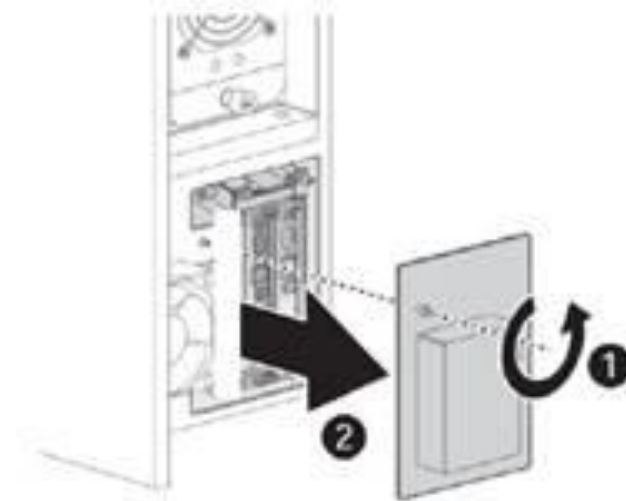Please prepare
- Trox 20
- Allen screwdriver
- Internet cable

☐ Turn off the power by key switch at left side of DC wallbox or upstream breaker.

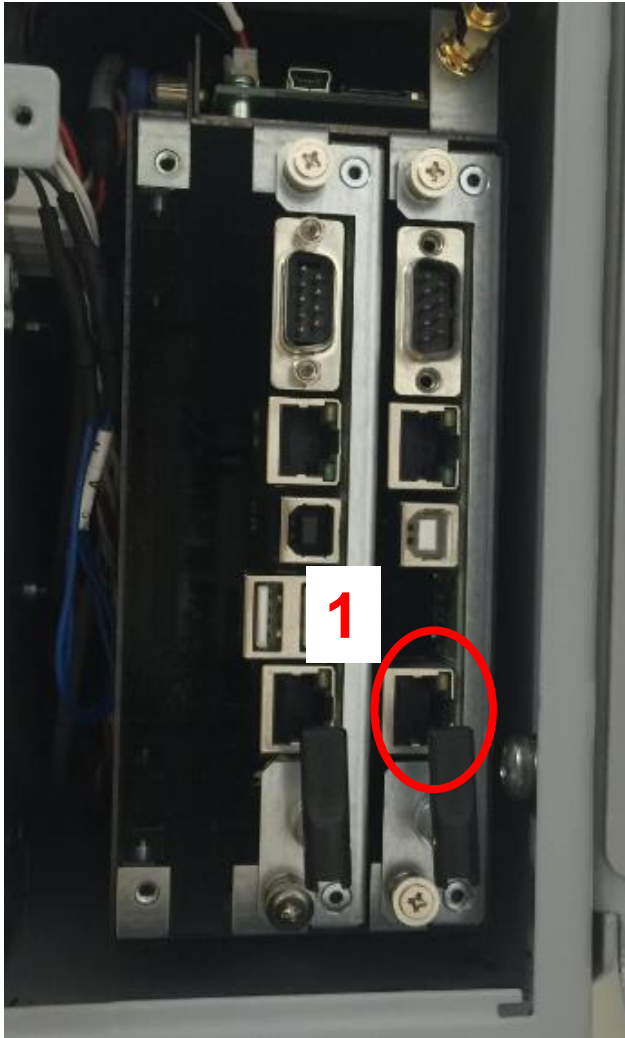Remove filter cover with T20 torx driver
- Release the two screws on top.
- Release the two screws on bottom and pull out the latch.
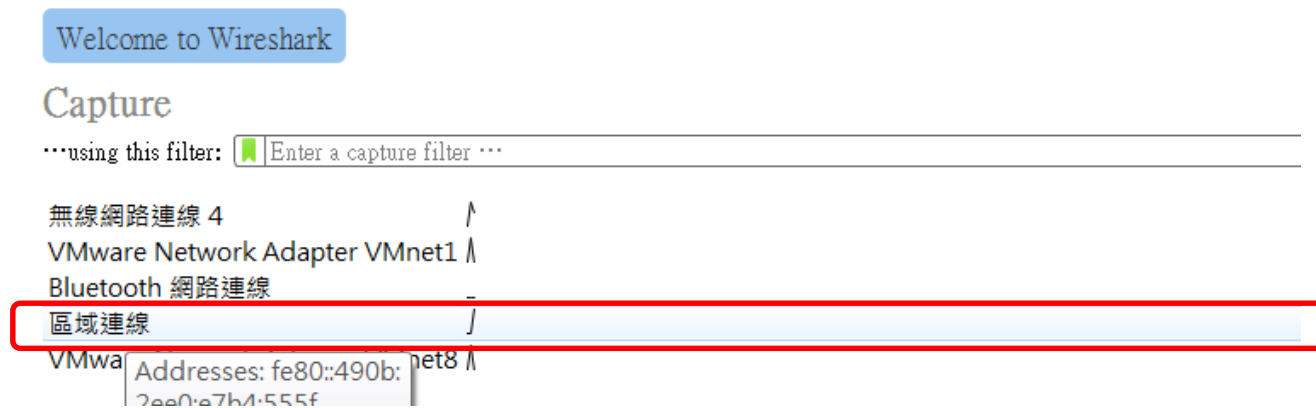- Open and remove the filter cover.

Remove protection cover

- Using CCS CSU (right one)

- Connect internet cable to CCS CSU (point 1)

☐ Turn on the power by key switch at left side of DC wallbox or upstream breaker.

1.Open wireshark

Wireshark

2.Select "Regional connection" (or "區域連線")

Welcome to Wireshark

Capture

···using this filter: 🚩 Enter a capture filter ···

無線網路連線 4
VMware Network Adapter VMnet1
Bluetooth 網路連線
區域連線
VMwa  Addresses: fe80::490b:  et8
       2ee0:e7b4:555f

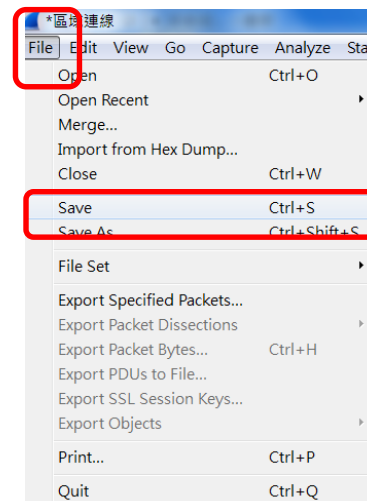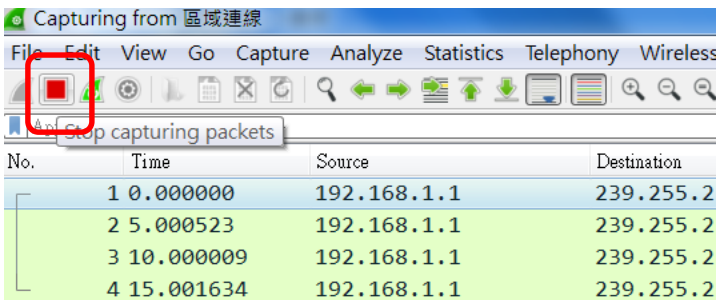3.Start charging

## 4.During charging, check "homeplugAV" in protocol field represent it's charging.

| No. | Time | Source | Destination | Protocol |
|---|---|---|---|---|
| 4 | 12.645238000 | DeltaEle_06:9e:cc | Broadcast | HomePlug AV |
| 5 | 12.653902000 | DeltaEle_07:90:22 | DeltaEle_06:9e:cc | HomePlug AV |
| 6 | 12.736676000 | DeltaEle_06:9e:cc | Broadcast | HomePlug AV |
| 7 | 12.771594000 | DeltaEle_06:9e:cc | Broadcast | HomePlug AV |
| 8 | 12.796596000 | DeltaEle_06:9e:cc | Broadcast | HomePlug AV |
| 9 | 12.803349000 | DeltaEle_06:9e:cc | Broadcast | HomePlug AV |

## 5.Press "stop" button when charging complete

Capturing from 區域連線

File Edit View Go Capture Analyze Statistics Telephony Wireless

Stop capturing packets

| No. | Time | Source | Destination |
|---|---|---|---|
| 1 | 0.000000 | 192.168.1.1 | 239.255.2 |
| 2 | 5.000523 | 192.168.1.1 | 239.255.2 |
| 3 | 10.000009 | 192.168.1.1 | 239.255.2 |
| 4 | 15.001634 | 192.168.1.1 | 239.255.2 |

*區域連線

File Edit View Go Capture Analyze Statis

| | |
|---|---|
| Open | Ctrl+O |
| Open Recent | |
| Merge... | |
| Import from Hex Dump... | |
| Close | Ctrl+W |
| Save | Ctrl+S |
| Save As | Ctrl+Shift+S |
| File Set | |
| Export Specified Packets... | |
| Export Packet Dissections | |
| Export Packet Bytes... | Ctrl+H |
| Export PDUs to File... | |
| Export SSL Session Keys... | |
| Export Objects | |
| Print... | Ctrl+P |
| Quit | Ctrl+Q |

## 6. Save file and send to Delta service team

# Smarter. Greener. Together.