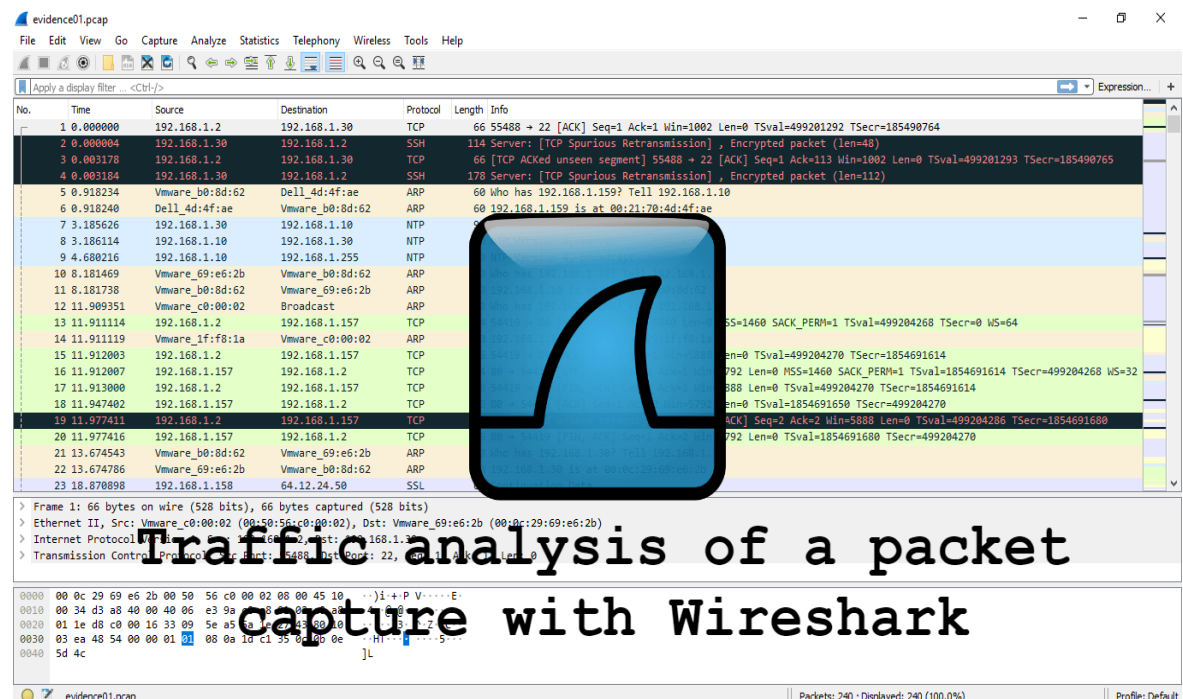


Δίκτυα Υπολογιστών II

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Traffic analysis of a packet capture with Wireshark

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Ακαδημαϊκό έτος : 2020-2021

Εξάμηνο : Χειμερινό

1. Echo without delay

Wireshark capture showing an echo without delay. The filter is `ip.src == 155.207.18.208`. The packet list shows 11 packets (No. 603 to 611) from 155.207.18.208 to 192.168.1.10, all UDP, length 96 bytes. The packet details pane shows Frame 2: 216 bytes on wire (1728 bits), 216 bytes captured (1728 bits) on interface `\Device\NPF_{8699DF5C-C28F-4F9B-A401-FC9B25B9A20C}`, id 0. Ethernet II, Src: HonHaiPr_18:c8:1f (b0:52:16:18:c8:1f), Dst: IPv4mcast_7f:ff:fa (01:00:5e:7f:ff:fa). Internet Protocol Version 4, Src: 192.168.1.10, Dst: 239.255.255.250. User Datagram Protocol, Src Port: 49391, Dst Port: 1900. Simple Service Discovery Protocol. The packet bytes pane shows the raw data: `0000 01 00 5e 7f ff fa b0 52 16 18 c8 1f 08 00 45 00 ..^...LR....E-` and `0010 00 ca 17 e3 00 00 01 11 ef 93 c0 a8 01 0a ef ff-.....`.

2. Echo without delay

Wireshark capture showing an echo without delay. The filter is `ip.src == 155.207.18.208`. The packet list shows 10 packets (No. 2886 to 2894) from 155.207.18.208 to 192.168.1.10, all UDP, length 96 bytes. The packet details pane shows Frame 2: 216 bytes on wire (1728 bits), 216 bytes captured (1728 bits) on interface `\Device\NPF_{8699DF5C-C28F-4F9B-A401-FC9B25B9A20C}`, id 0. Ethernet II, Src: HonHaiPr_18:c8:1f (b0:52:16:18:c8:1f), Dst: IPv4mcast_7f:ff:fa (01:00:5e:7f:ff:fa). Internet Protocol Version 4, Src: 192.168.1.10, Dst: 239.255.255.250. User Datagram Protocol, Src Port: 49391, Dst Port: 1900. Simple Service Discovery Protocol. The packet bytes pane shows the raw data: `0000 01 00 5e 7f ff fa b0 52 16 18 c8 1f 08 00 45 00 ..^...R.....E-` and `0010 00 ca 17 e3 00 00 01 11 ef 93 c0 a8 01 0a ef ff-.....`.

3. Echo with delay

Wireshark capture showing an echo with delay. The filter is `ip.src == 155.207.18.208`. The packet list shows 10 packets (No. 5968 to 6054) from 155.207.18.208 to 192.168.1.10, all UDP, length 74 bytes. The packet details pane shows Frame 518: 96 bytes on wire (768 bits), 96 bytes captured (768 bits) on interface `\Device\NPF_{8699DF5C-C28F-4F9B-A401-FC9B25B9A20C}`, id 0. Ethernet II, Src: zte_07:9f:b6 (d0:60:8c:07:9f:b6), Dst: HonHaiPr_18:c8:1f (b0:52:16:18:c8:1f). Internet Protocol Version 4, Src: 155.207.18.208, Dst: 192.168.1.10. User Datagram Protocol, Src Port: 58004, Dst Port: 48004. Data (54 bytes). The packet bytes pane shows the raw data: `0000 b0 52 16 18 c8 1f d0 60 8c 07 9f b6 08 00 45 00 R.....-.....E-` and `0010 00 52 2c 08 00 00 78 11 a6 41 9b cf 12 d0 c0 a8 R....x-..A.....`.

4. Echo with delay

Wireshark capture showing an echo packet with a delay. The packet list displays a single packet (No. 6623) from 155.207.18.208 to 192.168.1.10, UDP, Length 74, Info: 58004 → 48004 Len=32. The packet details pane shows the frame structure: Ethernet II, Internet Protocol Version 4, User Datagram Protocol, and Data (54 bytes). The packet bytes pane shows the raw data: 0000 b0 52 16 18 c8 1f d0 60 8c 07 9f b6 08 00 45 00 ·R·····E·
0010 00 52 2c 08 00 00 78 11 a6 41 9b cf 12 d0 c0 a8 ·R,···x·A·····

5. Image Fix

Wireshark capture showing an image fix packet. The packet list displays a single packet (No. 9221) from 155.207.18.208 to 192.168.1.10, UDP, Length 170, Info: 58004 → 48004 Len=128. The packet details pane shows the frame structure: Ethernet II, Internet Protocol Version 4, User Datagram Protocol, and Data (54 bytes). The packet bytes pane shows the raw data: 0000 b0 52 16 18 c8 1f d0 60 8c 07 9f b6 08 00 45 00 ·R·····E·
0010 00 52 2c 08 00 00 78 11 a6 41 9b cf 12 d0 c0 a8 ·R,···x·A·····

6. Image Fix

Wireshark capture showing an image fix packet. The packet list displays a single packet (No. 9691) from 155.207.18.208 to 192.168.1.10, UDP, Length 170, Info: 58004 → 48004 Len=128. The packet details pane shows the frame structure: Ethernet II, Internet Protocol Version 4, User Datagram Protocol, and Data (54 bytes). The packet bytes pane shows the raw data: 0000 b0 52 16 18 c8 1f d0 60 8c 07 9f b6 08 00 45 00 ·R·····E·
0010 00 52 2c 08 00 00 78 11 a6 41 9b cf 12 d0 c0 a8 ·R,···x·A·····

7. Image Ptz

Wireshark capture of network traffic for Image Ptz. The packet list shows UDP traffic from 155.207.18.208 to 192.168.1.10 on port 58004 to 48004. The packet details show Ethernet II, Internet Protocol Version 4, and User Datagram Protocol. The packet bytes show the raw data.

No.	Time	Source	Destination	Protocol	Length	Info
10737	902.824360	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128
10738	902.879636	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128
10739	902.905650	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128
10740	902.945026	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128
10741	902.979238	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128
10742	903.014845	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128
10743	903.069534	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128
10744	903.090051	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128
10745	903.131550	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128

Frame 518: 96 bytes on wire (768 bits), 96 bytes captured (768 bits) on interface \Device\NPF_{8699DF5C-C28F-4F9B-A401-FC9B25B9A20C}, id 0
Ethernet II, Src: zte_07:9f:b6 (d0:60:8c:07:9f:b6), Dst: HonHaiPr_18:c8:1f (b0:52:16:18:c8:1f)
Internet Protocol Version 4, Src: 155.207.18.208, Dst: 192.168.1.10
User Datagram Protocol, Src Port: 58004, Dst Port: 48004
Data (54 bytes)

0000 b0 52 16 18 c8 1f d0 60 8c 07 9f b6 08 00 45 00 R.....E.
0010 00 52 2c 08 00 00 78 11 a6 41 9b cf 12 d0 c0 a8 R....X.A.....

wireshark_Wi-FIMNG6U0.pcapng Packets: 10745 · Displayed: 2706 (25.2%) Profile: Default

8. Image Ptz

Wireshark capture of network traffic for Image Ptz. The packet list shows UDP traffic from 155.207.18.208 to 192.168.1.10 on port 58004 to 48004. The packet details show Ethernet II, Internet Protocol Version 4, and User Datagram Protocol. The packet bytes show the raw data.

No.	Time	Source	Destination	Protocol	Length	Info
10871	907.281663	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128
10872	907.319723	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128
10873	907.358219	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128
10874	907.401361	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128
10875	907.433846	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128
10876	907.472234	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128
10877	907.509814	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128
10878	907.559293	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128
10879	907.586764	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128

Frame 518: 96 bytes on wire (768 bits), 96 bytes captured (768 bits) on interface \Device\NPF_{8699DF5C-C28F-4F9B-A401-FC9B25B9A20C}, id 0
Ethernet II, Src: zte_07:9f:b6 (d0:60:8c:07:9f:b6), Dst: HonHaiPr_18:c8:1f (b0:52:16:18:c8:1f)
Internet Protocol Version 4, Src: 155.207.18.208, Dst: 192.168.1.10
User Datagram Protocol, Src Port: 58004, Dst Port: 48004
Data (54 bytes)

0000 b0 52 16 18 c8 1f d0 60 8c 07 9f b6 08 00 45 00 R.....E.
0010 00 52 2c 08 00 00 78 11 a6 41 9b cf 12 d0 c0 a8 R....X.A.....

wireshark_Wi-FIMNG6U0.pcapng Packets: 10893 · Displayed: 2836 (26.0%) Profile: Default

9. Dpcm music

Wireshark capture of network traffic for Dpcm music. The packet list shows UDP traffic from 155.207.18.208 to 192.168.1.10 on port 58004 to 48004. The packet details show Ethernet II, Internet Protocol Version 4, and User Datagram Protocol. The packet bytes show the raw data.

No.	Time	Source	Destination	Protocol	Length	Info
13782	1221.718973	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128
13783	1221.750802	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128
13784	1221.777485	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128
13785	1221.804659	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128
13786	1221.833549	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128
13787	1221.862755	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128
13788	1221.891034	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128
13789	1221.922294	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128
13790	1221.946987	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128

Frame 518: 96 bytes on wire (768 bits), 96 bytes captured (768 bits) on interface \Device\NPF_{8699DF5C-C28F-4F9B-A401-FC9B25B9A20C}, id 0
Ethernet II, Src: zte_07:9f:b6 (d0:60:8c:07:9f:b6), Dst: HonHaiPr_18:c8:1f (b0:52:16:18:c8:1f)
Internet Protocol Version 4, Src: 155.207.18.208, Dst: 192.168.1.10
User Datagram Protocol, Src Port: 58004, Dst Port: 48004
Data (54 bytes)

0000 b0 52 16 18 c8 1f d0 60 8c 07 9f b6 08 00 45 00 R.....E.
0010 00 52 2c 08 00 00 78 11 a6 41 9b cf 12 d0 c0 a8 R....X.A.....

wireshark_Wi-FIMNG6U0.pcapng Packets: 13790 · Displayed: 4161 (30.2%) Profile: Default

10. Dpcm frequency

Capturing from Wi-Fi

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

ip.src ==155.207.18.208

No.	Time	Source	Destination	Protocol	Length	Info
32579	1714.548863	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128
32580	1714.576992	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128
32581	1714.605759	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128
32582	1714.633965	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128
32583	1714.662989	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128
32584	1714.691085	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128
32585	1714.719612	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128
32586	1714.747630	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128
32587	1714.778867	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128
32588	1714.804996	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128
32589	1714.832990	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128
32590	1714.863371	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128
32591	1714.889293	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128
32592	1714.918629	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128
32593	1714.948834	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128
32594	1714.974860	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128
32595	1715.003043	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128
32596	1715.031221	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128
32597	1715.063881	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128
32598	1715.086762	155.207.18.208	192.168.1.10	UDP	170	58004 → 48004 Len=128

> Frame 1: 53 bytes on wire (424 bits), 53 bytes captured (424 bits) on interface \Device\NPF_{8699DF5C-C28F-4F9B-A401-FC9B25B9A20C}, id 0
> Ethernet II, Src: zte_07:9f:b6 (d0:60:8c:07:9f:b6), Dst: HonHaiPr_18:c8:1f (b0:52:16:18:c8:1f)
> Internet Protocol Version 4, Src: 155.207.18.208, Dst: 192.168.1.10
> User Datagram Protocol, Src Port: 58004, Dst Port: 48004
> Data (11 bytes)

```
0000  b0 52 16 18 c8 1f d0 60 8c 07 9f b6 08 00 45 00  R-----E
0010  00 27 67 fc 00 00 78 11 6a 78 9b cf 12 d0 c0 a8  'g---x-jx-----
0020  01 0a e2 94 bb 84 00 13 c4 74 34 31 20 31 46 20  -----t41 1F
0030  30 33 20 32 42                                03 2B
```

Wi-Fi: <live capture in progress>

11. Aq - dpcm first song

Capturing from Wi-Fi

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

ip.src ==155.207.18.208

No.	Time	Source	Destination	Protocol	Length	Info
35427	1966.573960	155.207.18.208	192.168.1.10	UDP	174	58004 → 48004 Len=132
35428	1966.603092	155.207.18.208	192.168.1.10	UDP	174	58004 → 48004 Len=132
35429	1966.631981	155.207.18.208	192.168.1.10	UDP	174	58004 → 48004 Len=132
35430	1966.677178	155.207.18.208	192.168.1.10	UDP	174	58004 → 48004 Len=132
35431	1966.689297	155.207.18.208	192.168.1.10	UDP	174	58004 → 48004 Len=132
35432	1966.718734	155.207.18.208	192.168.1.10	UDP	174	58004 → 48004 Len=132
35433	1966.748222	155.207.18.208	192.168.1.10	UDP	174	58004 → 48004 Len=132
35434	1966.776635	155.207.18.208	192.168.1.10	UDP	174	58004 → 48004 Len=132
35435	1966.805589	155.207.18.208	192.168.1.10	UDP	174	58004 → 48004 Len=132
35436	1966.836670	155.207.18.208	192.168.1.10	UDP	174	58004 → 48004 Len=132
35437	1966.864119	155.207.18.208	192.168.1.10	UDP	174	58004 → 48004 Len=132
35438	1966.893104	155.207.18.208	192.168.1.10	UDP	174	58004 → 48004 Len=132
35439	1966.921409	155.207.18.208	192.168.1.10	UDP	174	58004 → 48004 Len=132
35440	1966.950364	155.207.18.208	192.168.1.10	UDP	174	58004 → 48004 Len=132
35441	1966.979630	155.207.18.208	192.168.1.10	UDP	174	58004 → 48004 Len=132
35443	1967.008612	155.207.18.208	192.168.1.10	UDP	174	58004 → 48004 Len=132
35444	1967.037472	155.207.18.208	192.168.1.10	UDP	174	58004 → 48004 Len=132
35446	1967.066511	155.207.18.208	192.168.1.10	UDP	174	58004 → 48004 Len=132
35447	1967.095276	155.207.18.208	192.168.1.10	UDP	174	58004 → 48004 Len=132
35448	1967.125487	155.207.18.208	192.168.1.10	UDP	174	58004 → 48004 Len=132

> Frame 1: 53 bytes on wire (424 bits), 53 bytes captured (424 bits) on interface \Device\NPF_{8699DF5C-C28F-4F9B-A401-FC9B25B9A20C}, id 0
> Ethernet II, Src: zte_07:9f:b6 (d0:60:8c:07:9f:b6), Dst: HonHaiPr_18:c8:1f (b0:52:16:18:c8:1f)
> Internet Protocol Version 4, Src: 155.207.18.208, Dst: 192.168.1.10
> User Datagram Protocol, Src Port: 58004, Dst Port: 48004
> Data (11 bytes)

```
0000  b0 52 16 18 c8 1f d0 60 8c 07 9f b6 08 00 45 00  R-----E
0010  00 27 67 fc 00 00 78 11 6a 78 9b cf 12 d0 c0 a8  'g---x-jx-----
0020  01 0a e2 94 bb 84 00 13 c4 74 34 31 20 31 46 20  -----t41 1F
0030  30 33 20 32 42                                03 2B
```

Wi-Fi: <live capture in progress>

12. Aq - dpcm second song

Capturing from Wi-Fi

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

ip.src ==155.207.18.208

No.	Time	Source	Destination	Protocol	Length	Info
37254	2308.456968	155.207.18.208	192.168.1.10	UDP	174	58004 → 48004 Len=132
37255	2308.484436	155.207.18.208	192.168.1.10	UDP	174	58004 → 48004 Len=132
37256	2308.513419	155.207.18.208	192.168.1.10	UDP	174	58004 → 48004 Len=132
37257	2308.551487	155.207.18.208	192.168.1.10	UDP	174	58004 → 48004 Len=132
37258	2308.568709	155.207.18.208	192.168.1.10	UDP	174	58004 → 48004 Len=132
37259	2308.596746	155.207.18.208	192.168.1.10	UDP	174	58004 → 48004 Len=132
37260	2308.624691	155.207.18.208	192.168.1.10	UDP	174	58004 → 48004 Len=132
37261	2308.655958	155.207.18.208	192.168.1.10	UDP	174	58004 → 48004 Len=132
37262	2308.688249	155.207.18.208	192.168.1.10	UDP	174	58004 → 48004 Len=132
37263	2308.764217	155.207.18.208	192.168.1.10	UDP	174	58004 → 48004 Len=132
37264	2308.764441	155.207.18.208	192.168.1.10	UDP	174	58004 → 48004 Len=132
37265	2308.773231	155.207.18.208	192.168.1.10	UDP	174	58004 → 48004 Len=132
37266	2308.796835	155.207.18.208	192.168.1.10	UDP	174	58004 → 48004 Len=132
37267	2308.825711	155.207.18.208	192.168.1.10	UDP	174	58004 → 48004 Len=132
37268	2308.854882	155.207.18.208	192.168.1.10	UDP	174	58004 → 48004 Len=132
37269	2308.899873	155.207.18.208	192.168.1.10	UDP	174	58004 → 48004 Len=132
37270	2308.915817	155.207.18.208	192.168.1.10	UDP	174	58004 → 48004 Len=132
37271	2308.941742	155.207.18.208	192.168.1.10	UDP	174	58004 → 48004 Len=132
37272	2308.970357	155.207.18.208	192.168.1.10	UDP	174	58004 → 48004 Len=132
37273	2309.001580	155.207.18.208	192.168.1.10	UDP	174	58004 → 48004 Len=132

> Frame 1: 53 bytes on wire (424 bits), 53 bytes captured (424 bits) on interface \Device\NPF_{8699DF5C-C28F-4F9B-A401-FC9B25B9A20C}, id 0
> Ethernet II, Src: zte_07:9f:b6 (d0:60:8c:07:9f:b6), Dst: HonHaiPr_18:c8:1f (b0:52:16:18:c8:1f)
> Internet Protocol Version 4, Src: 155.207.18.208, Dst: 192.168.1.10
> User Datagram Protocol, Src Port: 58004, Dst Port: 48004
> Data (11 bytes)

0000 b0 52 16 18 c8 1f d0 60 8c 07 9f b6 08 00 45 00 ·R····· ·····E·
0010 00 27 6f fc 00 00 78 11 6a 78 9b cf 12 d0 c0 a8 ·g···x· jx·····
0020 01 0a e2 94 bb 84 00 15 c4 74 34 31 20 31 46 20 ·····x· t41 1F
0030 30 33 20 32 42 03 28

Wi-Fi: <live capture in progress>

13. Ithaki Copter

*Wi-Fi

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

ip.src ==155.207.18.208

No.	Time	Source	Destination	Protocol	Length	Info
38876	2884.947443	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=18478 Ack=10252 Win=261376 Len=0
38882	2885.352709	155.207.18.208	192.168.1.10	TCP	150	38048 → 4446 [PSH, ACK] Seq=18478 Ack=10252 Win=261376 Len=96
38885	2885.453974	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=18574 Ack=10253 Win=261376 Len=0
38887	2885.541799	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=18574 Ack=10303 Win=261376 Len=0
38893	2885.932909	155.207.18.208	192.168.1.10	TCP	150	38048 → 4446 [PSH, ACK] Seq=18574 Ack=10303 Win=261376 Len=96
38895	2886.006964	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=18670 Ack=10304 Win=261376 Len=0
38897	2886.085631	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=18670 Ack=10354 Win=262656 Len=0
38900	2886.513460	155.207.18.208	192.168.1.10	TCP	150	38048 → 4446 [PSH, ACK] Seq=18670 Ack=10354 Win=262656 Len=96
38902	2886.594529	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=18766 Ack=10355 Win=262656 Len=0
38904	2886.671198	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=18766 Ack=10405 Win=262656 Len=0
38906	2887.108405	155.207.18.208	192.168.1.10	TCP	150	38048 → 4446 [PSH, ACK] Seq=18766 Ack=10405 Win=262656 Len=96
38908	2887.187330	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=18862 Ack=10406 Win=262656 Len=0
38910	2887.264204	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=18862 Ack=10456 Win=262656 Len=0
38913	2887.694446	155.207.18.208	192.168.1.10	TCP	150	38048 → 4446 [PSH, ACK] Seq=18862 Ack=10456 Win=262656 Len=96
38915	2887.772142	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=18958 Ack=10457 Win=262656 Len=0
38918	2887.849906	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=18958 Ack=10507 Win=262656 Len=0
38919	2888.344305	155.207.18.208	192.168.1.10	TCP	150	38048 → 4446 [PSH, ACK] Seq=18958 Ack=10507 Win=262656 Len=96
38921	2888.426817	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=19054 Ack=10508 Win=262656 Len=0
38923	2888.504026	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=19054 Ack=10558 Win=262400 Len=0
38924	2888.835467	155.207.18.208	192.168.1.10	TCP	150	38048 → 4446 [PSH, ACK] Seq=19054 Ack=10558 Win=262400 Len=96

> Frame 518: 96 bytes on wire (768 bits), 96 bytes captured (768 bits) on interface \Device\NPF_{8699DF5C-C28F-4F9B-A401-FC9B25B9A20C}, id 0
> Ethernet II, Src: zte_07:9f:b6 (d0:60:8c:07:9f:b6), Dst: HonHaiPr_18:c8:1f (b0:52:16:18:c8:1f)
> Internet Protocol Version 4, Src: 155.207.18.208, Dst: 192.168.1.10
> User Datagram Protocol, Src Port: 58004, Dst Port: 48004
> Data (54 bytes)

0000 b0 52 16 18 c8 1f d0 60 8c 07 9f b6 08 00 45 00 ·R····· ·····E·
0010 00 52 2c 08 00 00 78 11 a6 41 9b cf 12 d0 c0 a8 ·R···x· A·····
0020 01 0a e2 94 bb 84 00 3e 82 ec 50 53 54 41 52 54 ·····x· ·PSTART
0030 20 32 38 2d 31 31 2d 32 30 32 30 20 30 32 3a 32 28-11-2 020 02:2
0040 30 3a 32 37 20 54 30 30 20 32 38 2d 31 31 20 30 0:27 T00 28-11 0

wireshark_Wi-FiMINGU0.pcapng

14. Ithaki Copter

Wi-Fi

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

ip.src ==155.207.18.208

No.	Time	Source	Destination	Protocol	Length	Info
39166	2908.174569	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=22318 Ack=12292 Win=262144 Len=0
39168	2908.607605	155.207.18.208	192.168.1.10	TCP	150	38048 → 4446 [PSH, ACK] Seq=22318 Ack=12292 Win=262144 Len=96
39170	2908.682872	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=22414 Ack=12293 Win=262144 Len=0
39172	2908.765315	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=22414 Ack=12343 Win=262144 Len=0
39173	2909.222030	155.207.18.208	192.168.1.10	TCP	150	38048 → 4446 [PSH, ACK] Seq=22414 Ack=12343 Win=262144 Len=96
39175	2909.308252	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=22510 Ack=12344 Win=262144 Len=0
39178	2909.394463	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=22510 Ack=12394 Win=262144 Len=0
39179	2909.752305	155.207.18.208	192.168.1.10	TCP	150	38048 → 4446 [PSH, ACK] Seq=22510 Ack=12394 Win=262144 Len=96
39181	2909.839288	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=22606 Ack=12395 Win=262144 Len=0
39183	2909.920664	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=22606 Ack=12445 Win=262144 Len=0
39184	2910.553184	155.207.18.208	192.168.1.10	TCP	150	38048 → 4446 [PSH, ACK] Seq=22606 Ack=12445 Win=262144 Len=96
39186	2910.627888	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=22702 Ack=12446 Win=262144 Len=0
39188	2910.706322	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=22702 Ack=12496 Win=262144 Len=0
39189	2910.915051	155.207.18.208	192.168.1.10	TCP	150	38048 → 4446 [PSH, ACK] Seq=22702 Ack=12496 Win=262144 Len=96
39191	2910.991949	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=22798 Ack=12497 Win=262144 Len=0
39193	2911.072075	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=22798 Ack=12547 Win=261888 Len=0
39195	2911.578566	155.207.18.208	192.168.1.10	TCP	150	38048 → 4446 [PSH, ACK] Seq=22798 Ack=12547 Win=261888 Len=96
39197	2911.654354	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=22894 Ack=12548 Win=261888 Len=0
39199	2911.733840	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=22894 Ack=12598 Win=261888 Len=0
39200	2912.075219	155.207.18.208	192.168.1.10	TCP	150	38048 → 4446 [PSH, ACK] Seq=22894 Ack=12598 Win=261888 Len=96

> Frame 518: 96 bytes on wire (768 bits), 96 bytes captured (768 bits) on interface \Device\NPF_{8699DF5C-C28F-4F9B-A401-FC9B25B9A20C}, id 0

> Ethernet II, Src: zte_07:9f:b6 (d0:60:8c:07:9f:b6), Dst: HonHaiPr_18:c8:1f (b0:52:16:18:c8:1f)

> Internet Protocol Version 4, Src: 155.207.18.208, Dst: 192.168.1.10

> User Datagram Protocol, Src Port: 58004, Dst Port: 48004

> Data (54 bytes)

0000 b0 52 16 18 c8 1f d0 60 8c 07 9f b6 08 00 45 00 R.....E-

0010 00 52 2c 08 00 00 78 11 a6 41 9b cf 12 d0 c0 a8 R.....A-

0020 01 0a e2 94 bb 84 00 3e 82 ec 50 53 54 41 52 54PSTART

0030 20 32 38 2d 31 31 2d 32 30 32 30 20 30 32 3a 32 28-11-2 020 02:2

0040 30 3a 32 37 20 54 30 30 20 32 38 2d 31 31 20 30 0:27 T00 28-11 0

wireshark_Wi-FIMNG6U0.pcapng

15. Ithaki Copter

Wi-Fi

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

ip.src ==155.207.18.208

No.	Time	Source	Destination	Protocol	Length	Info
39328	2921.441537	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=24526 Ack=13415 Win=262656 Len=0
39331	2921.518332	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=24526 Ack=13465 Win=262656 Len=0
39338	2921.948087	155.207.18.208	192.168.1.10	TCP	150	38048 → 4446 [PSH, ACK] Seq=24526 Ack=13465 Win=262656 Len=96
39340	2922.033043	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=24622 Ack=13466 Win=262656 Len=0
39342	2922.110029	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=24622 Ack=13516 Win=262400 Len=0
39343	2922.637335	155.207.18.208	192.168.1.10	TCP	150	38048 → 4446 [PSH, ACK] Seq=24622 Ack=13516 Win=262400 Len=96
39345	2922.715301	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=24718 Ack=13517 Win=262400 Len=0
39347	2922.793463	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=24718 Ack=13567 Win=262400 Len=0
39350	2923.113352	155.207.18.208	192.168.1.10	TCP	150	38048 → 4446 [PSH, ACK] Seq=24718 Ack=13567 Win=262400 Len=96
39352	2923.191339	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=24814 Ack=13568 Win=262400 Len=0
39354	2923.282822	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=24814 Ack=13618 Win=262400 Len=0
39356	2923.763002	155.207.18.208	192.168.1.10	TCP	150	38048 → 4446 [PSH, ACK] Seq=24814 Ack=13618 Win=262400 Len=96
39358	2923.839307	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=24910 Ack=13619 Win=262400 Len=0
39360	2923.916507	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=24910 Ack=13669 Win=262400 Len=0
39361	2924.273445	155.207.18.208	192.168.1.10	TCP	150	38048 → 4446 [PSH, ACK] Seq=24910 Ack=13669 Win=262400 Len=96
39363	2924.348045	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=25006 Ack=13670 Win=262400 Len=0
39365	2924.425242	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=25006 Ack=13720 Win=262400 Len=0
39367	2924.889293	155.207.18.208	192.168.1.10	TCP	150	38048 → 4446 [PSH, ACK] Seq=25006 Ack=13720 Win=262400 Len=96
39369	2924.966910	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=25102 Ack=13721 Win=262400 Len=0
39371	2925.045843	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=25102 Ack=13771 Win=262144 Len=0

> Frame 518: 96 bytes on wire (768 bits), 96 bytes captured (768 bits) on interface \Device\NPF_{8699DF5C-C28F-4F9B-A401-FC9B25B9A20C}, id 0

> Ethernet II, Src: zte_07:9f:b6 (d0:60:8c:07:9f:b6), Dst: HonHaiPr_18:c8:1f (b0:52:16:18:c8:1f)

> Internet Protocol Version 4, Src: 155.207.18.208, Dst: 192.168.1.10

> User Datagram Protocol, Src Port: 58004, Dst Port: 48004

> Data (54 bytes)

0000 b0 52 16 18 c8 1f d0 60 8c 07 9f b6 08 00 45 00 R.....E-

0010 00 52 2c 08 00 00 78 11 a6 41 9b cf 12 d0 c0 a8 R.....A-

0020 01 0a e2 94 bb 84 00 3e 82 ec 50 53 54 41 52 54PSTART

0030 20 32 38 2d 31 31 2d 32 30 32 30 20 30 32 3a 32 28-11-2 020 02:2

0040 30 3a 32 37 20 54 30 30 20 32 38 2d 31 31 20 30 0:27 T00 28-11 0

wireshark_Wi-FIMNG6U0.pcapng

16. Ithaki Copter

Wi-Fi

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

ip.src ==155.207.18.208

No.	Time	Source	Destination	Protocol	Length	Info
39536	2931.980769	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=26254 Ack=14383 Win=261632 Len=0
39539	2932.408439	155.207.18.208	192.168.1.10	TCP	150	38048 → 4446 [PSH, ACK] Seq=26254 Ack=14383 Win=261632 Len=96
39541	2932.495248	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=26350 Ack=14384 Win=261632 Len=0
39543	2932.572180	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=26350 Ack=14434 Win=261632 Len=0
39545	2933.081445	155.207.18.208	192.168.1.10	TCP	150	38048 → 4446 [PSH, ACK] Seq=26350 Ack=14434 Win=261632 Len=96
39547	2933.166329	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=26446 Ack=14435 Win=261632 Len=0
39549	2933.252611	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=26446 Ack=14485 Win=261632 Len=0
39550	2933.573258	155.207.18.208	192.168.1.10	TCP	150	38048 → 4446 [PSH, ACK] Seq=26446 Ack=14485 Win=261632 Len=96
39552	2933.656247	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=26542 Ack=14486 Win=261632 Len=0
39554	2933.733363	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=26542 Ack=14536 Win=261376 Len=0
39558	2934.150325	155.207.18.208	192.168.1.10	TCP	150	38048 → 4446 [PSH, ACK] Seq=26542 Ack=14536 Win=261376 Len=96
39560	2934.228677	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=26638 Ack=14537 Win=261376 Len=0
39563	2934.305433	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=26638 Ack=14587 Win=261376 Len=0
39567	2934.732486	155.207.18.208	192.168.1.10	TCP	150	38048 → 4446 [PSH, ACK] Seq=26638 Ack=14587 Win=261376 Len=96
39570	2934.812556	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=26734 Ack=14588 Win=261376 Len=0
39574	2934.890983	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=26734 Ack=14638 Win=261376 Len=0
39576	2935.437257	155.207.18.208	192.168.1.10	TCP	150	38048 → 4446 [PSH, ACK] Seq=26734 Ack=14638 Win=261376 Len=96
39578	2935.512285	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=26830 Ack=14639 Win=261376 Len=0
39580	2935.589463	155.207.18.208	192.168.1.10	TCP	54	38048 → 4446 [ACK] Seq=26830 Ack=14689 Win=261376 Len=0
39582	2935.909083	155.207.18.208	192.168.1.10	TCP	150	38048 → 4446 [PSH, ACK] Seq=26830 Ack=14689 Win=261376 Len=96

> Frame 518: 96 bytes on wire (768 bits), 96 bytes captured (768 bits) on interface \Device\NPF_{8699DF5C-C28F-4F9B-A401-FC9B25B9A20C}, id 0
> Ethernet II, Src: zte_07:9f:b6 (d0:60:8c:07:9f:b6), Dst: HonHaiPr_18:c8:1f (b0:52:16:18:c8:1f)
> Internet Protocol Version 4, Src: 155.207.18.208, Dst: 192.168.1.10
> User Datagram Protocol, Src Port: 58004, Dst Port: 48004
> Data (54 bytes)

0000 b0 52 16 18 c8 1f d0 60 8c 07 9f b6 08 00 45 00 R.....E-
0010 00 52 2c 08 00 00 78 11 a6 41 9b cf 12 d0 c0 a8 R...x..A.....
0020 01 0a e2 94 bb 84 00 3e 82 ec 50 53 54 41 52 54PSTART
0030 20 32 38 2d 31 31 2d 32 30 32 30 20 30 32 3a 32 28-11-2 020 02:2
0040 30 3a 32 37 20 54 30 30 20 32 38 2d 31 31 20 30 0:27 T00 28-11 0

wireshark_Wi-FiMINGGU0.pcapng

17. Vehicle (OBD) Engine run time

Capturing from Wi-Fi

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

ip.src ==155.207.18.208

No.	Time	Source	Destination	Protocol	Length	Info
96	4.866909	155.207.18.208	192.168.1.10	UDP	53	58004 → 48004 Len=11
98	4.987828	155.207.18.208	192.168.1.10	UDP	53	58004 → 48004 Len=11
100	5.099439	155.207.18.208	192.168.1.10	UDP	53	58004 → 48004 Len=11
103	5.223332	155.207.18.208	192.168.1.10	UDP	53	58004 → 48004 Len=11
105	5.336254	155.207.18.208	192.168.1.10	UDP	53	58004 → 48004 Len=11
107	5.450767	155.207.18.208	192.168.1.10	UDP	53	58004 → 48004 Len=11
109	5.558949	155.207.18.208	192.168.1.10	UDP	53	58004 → 48004 Len=11
111	5.669117	155.207.18.208	192.168.1.10	UDP	53	58004 → 48004 Len=11
113	5.785102	155.207.18.208	192.168.1.10	UDP	53	58004 → 48004 Len=11
115	5.904315	155.207.18.208	192.168.1.10	UDP	53	58004 → 48004 Len=11
118	6.008373	155.207.18.208	192.168.1.10	UDP	53	58004 → 48004 Len=11
122	6.121413	155.207.18.208	192.168.1.10	UDP	53	58004 → 48004 Len=11
126	6.229010	155.207.18.208	192.168.1.10	UDP	53	58004 → 48004 Len=11
138	6.337682	155.207.18.208	192.168.1.10	UDP	53	58004 → 48004 Len=11
142	6.454981	155.207.18.208	192.168.1.10	UDP	53	58004 → 48004 Len=11
144	6.568358	155.207.18.208	192.168.1.10	UDP	53	58004 → 48004 Len=11
174	6.686671	155.207.18.208	192.168.1.10	UDP	53	58004 → 48004 Len=11
181	6.801481	155.207.18.208	192.168.1.10	UDP	53	58004 → 48004 Len=11
188	6.920789	155.207.18.208	192.168.1.10	UDP	53	58004 → 48004 Len=11
190	7.030966	155.207.18.208	192.168.1.10	UDP	53	58004 → 48004 Len=11

> Frame 1: 53 bytes on wire (424 bits), 53 bytes captured (424 bits) on interface \Device\NPF_{8699DF5C-C28F-4F9B-A401-FC9B25B9A20C}, id 0
> Ethernet II, Src: zte_07:9f:b6 (d0:60:8c:07:9f:b6), Dst: HonHaiPr_18:c8:1f (b0:52:16:18:c8:1f)
> Internet Protocol Version 4, Src: 155.207.18.208, Dst: 192.168.1.10
> User Datagram Protocol, Src Port: 58004, Dst Port: 48004
> Data (11 bytes)

0000 b0 52 16 18 c8 1f d0 60 8c 07 9f b6 08 00 45 00 R.....E-
0010 00 27 67 fc 00 00 78 11 6a 78 9b cf 12 d0 c0 a8 R...x..jx.....
0020 01 0a e2 94 bb 84 00 13 c4 74 34 31 20 31 46 20t41 1F
0030 30 33 20 32 42 03 28

Wi-Fi: <live capture in progress>

18. Vehicle (OBD) Intake air temperature

Capturing from Wi-Fi

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

ip.src ==155.207.18.208

No.	Time	Source	Destination	Protocol	Length	Info
5646	276.671747	155.207.18.208	192.168.1.10	UDP	50	58004 → 48004 Len=8
5649	276.785975	155.207.18.208	192.168.1.10	UDP	50	58004 → 48004 Len=8
5651	276.890079	155.207.18.208	192.168.1.10	UDP	50	58004 → 48004 Len=8
5653	276.998277	155.207.18.208	192.168.1.10	UDP	50	58004 → 48004 Len=8
5655	277.107794	155.207.18.208	192.168.1.10	UDP	50	58004 → 48004 Len=8
5657	277.221218	155.207.18.208	192.168.1.10	UDP	50	58004 → 48004 Len=8
5665	277.336912	155.207.18.208	192.168.1.10	UDP	50	58004 → 48004 Len=8
5667	277.450689	155.207.18.208	192.168.1.10	UDP	50	58004 → 48004 Len=8
5669	277.569033	155.207.18.208	192.168.1.10	UDP	50	58004 → 48004 Len=8
5671	277.675969	155.207.18.208	192.168.1.10	UDP	50	58004 → 48004 Len=8
5673	277.781095	155.207.18.208	192.168.1.10	UDP	50	58004 → 48004 Len=8
5676	277.895826	155.207.18.208	192.168.1.10	UDP	50	58004 → 48004 Len=8
5680	278.004820	155.207.18.208	192.168.1.10	UDP	50	58004 → 48004 Len=8
5682	278.114859	155.207.18.208	192.168.1.10	UDP	50	58004 → 48004 Len=8
5686	278.226978	155.207.18.208	192.168.1.10	UDP	50	58004 → 48004 Len=8
5689	278.331682	155.207.18.208	192.168.1.10	UDP	50	58004 → 48004 Len=8
5691	278.444351	155.207.18.208	192.168.1.10	UDP	50	58004 → 48004 Len=8
5693	278.550932	155.207.18.208	192.168.1.10	UDP	50	58004 → 48004 Len=8
5695	278.658098	155.207.18.208	192.168.1.10	UDP	50	58004 → 48004 Len=8
5697	278.780676	155.207.18.208	192.168.1.10	UDP	50	58004 → 48004 Len=8

> Frame 1: 53 bytes on wire (424 bits), 53 bytes captured (424 bits) on interface \Device\NPF_{8699DF5C-C28F-4F9B-A401-FC9B25B9A20C}, id 0
> Ethernet II, Src: zte_07:9f:b6 (d0:60:8c:07:9f:b6), Dst: HonHaiPr_18:c8:1f (b0:52:16:18:c8:1f)
> Internet Protocol Version 4, Src: 155.207.18.208, Dst: 192.168.1.10
> User Datagram Protocol, Src Port: 58004, Dst Port: 48004
> Data (11 bytes)

```
0000  b0 52 16 18 c8 1f d0 60 8c 07 9f b6 08 00 45 00  .R-----E-
0010  00 27 67 fc 00 00 78 11 6a 78 9b cf 12 d0 c0 a8  'g...x.jx.....
0020  01 0a e2 94 bb 84 00 13 c4 74 34 31 20 31 46 20  .....t41 1F
0030  30 33 20 32 42                                03 2B
```

Wi-Fi: <live capture in progress>

19. Vehicle (OBD) Throttle position

Capturing from Wi-Fi

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

ip.src ==155.207.18.208

No.	Time	Source	Destination	Protocol	Length	Info
11532	564.841937	155.207.18.208	192.168.1.10	UDP	50	58004 → 48004 Len=8
11534	564.952892	155.207.18.208	192.168.1.10	UDP	50	58004 → 48004 Len=8
11536	565.058826	155.207.18.208	192.168.1.10	UDP	50	58004 → 48004 Len=8
11538	565.174336	155.207.18.208	192.168.1.10	UDP	50	58004 → 48004 Len=8
11540	565.277442	155.207.18.208	192.168.1.10	UDP	50	58004 → 48004 Len=8
11542	565.386425	155.207.18.208	192.168.1.10	UDP	50	58004 → 48004 Len=8
11544	565.503444	155.207.18.208	192.168.1.10	UDP	50	58004 → 48004 Len=8
11546	565.615632	155.207.18.208	192.168.1.10	UDP	50	58004 → 48004 Len=8
11548	565.726497	155.207.18.208	192.168.1.10	UDP	50	58004 → 48004 Len=8
11550	565.838099	155.207.18.208	192.168.1.10	UDP	50	58004 → 48004 Len=8
11554	565.950511	155.207.18.208	192.168.1.10	UDP	50	58004 → 48004 Len=8
11558	566.066384	155.207.18.208	192.168.1.10	UDP	50	58004 → 48004 Len=8
11561	566.174619	155.207.18.208	192.168.1.10	UDP	50	58004 → 48004 Len=8
11564	566.296427	155.207.18.208	192.168.1.10	UDP	50	58004 → 48004 Len=8
11566	566.391954	155.207.18.208	192.168.1.10	UDP	50	58004 → 48004 Len=8
11568	566.501691	155.207.18.208	192.168.1.10	UDP	50	58004 → 48004 Len=8
11570	566.615449	155.207.18.208	192.168.1.10	UDP	50	58004 → 48004 Len=8
11572	566.716350	155.207.18.208	192.168.1.10	UDP	50	58004 → 48004 Len=8
11574	566.824288	155.207.18.208	192.168.1.10	UDP	50	58004 → 48004 Len=8
11576	566.932284	155.207.18.208	192.168.1.10	UDP	50	58004 → 48004 Len=8
11578	567.035264	155.207.18.208	192.168.1.10	UDP	50	58004 → 48004 Len=8

> Frame 1: 53 bytes on wire (424 bits), 53 bytes captured (424 bits) on interface \Device\NPF_{8699DF5C-C28F-4F9B-A401-FC9B25B9A20C}, id 0
> Ethernet II, Src: zte_07:9f:b6 (d0:60:8c:07:9f:b6), Dst: HonHaiPr_18:c8:1f (b0:52:16:18:c8:1f)
> Internet Protocol Version 4, Src: 155.207.18.208, Dst: 192.168.1.10
> User Datagram Protocol, Src Port: 58004, Dst Port: 48004
> Data (11 bytes)

```
0000  b0 52 16 18 c8 1f d0 60 8c 07 9f b6 08 00 45 00  .R-----E-
0010  00 27 67 fc 00 00 78 11 6a 78 9b cf 12 d0 c0 a8  'g...x.jx.....
0020  01 0a e2 94 bb 84 00 13 c4 74 34 31 20 31 46 20  .....t41 1F
0030  30 33 20 32 42                                03 2B
```

Wi-Fi: <live capture in progress>

20. Vehicle (OBD) Engine rpm

Capturing from Wi-Fi

File Edit View Go Capture Analyze Statistics Telephony Wireless Tools Help

ip.src ==155.207.18.208

No.	Time	Source	Destination	Protocol	Length	Info
17255	867.887307	155.207.18.208	192.168.1.10	UDP	53	58004 → 48004 Len=11
17257	867.997793	155.207.18.208	192.168.1.10	UDP	53	58004 → 48004 Len=11
17259	868.107628	155.207.18.208	192.168.1.10	UDP	53	58004 → 48004 Len=11
17261	868.215698	155.207.18.208	192.168.1.10	UDP	53	58004 → 48004 Len=11
17263	868.335268	155.207.18.208	192.168.1.10	UDP	53	58004 → 48004 Len=11
17265	868.435967	155.207.18.208	192.168.1.10	UDP	53	58004 → 48004 Len=11
17267	868.545758	155.207.18.208	192.168.1.10	UDP	53	58004 → 48004 Len=11
17269	868.651329	155.207.18.208	192.168.1.10	UDP	53	58004 → 48004 Len=11
17271	868.763004	155.207.18.208	192.168.1.10	UDP	53	58004 → 48004 Len=11
17273	868.867203	155.207.18.208	192.168.1.10	UDP	53	58004 → 48004 Len=11
17275	868.978977	155.207.18.208	192.168.1.10	UDP	53	58004 → 48004 Len=11
17277	869.087216	155.207.18.208	192.168.1.10	UDP	53	58004 → 48004 Len=11
17279	869.197326	155.207.18.208	192.168.1.10	UDP	53	58004 → 48004 Len=11
17281	869.317174	155.207.18.208	192.168.1.10	UDP	53	58004 → 48004 Len=11
17283	869.423765	155.207.18.208	192.168.1.10	UDP	53	58004 → 48004 Len=11
17285	869.534110	155.207.18.208	192.168.1.10	UDP	53	58004 → 48004 Len=11
17287	869.654417	155.207.18.208	192.168.1.10	UDP	53	58004 → 48004 Len=11
17289	869.764862	155.207.18.208	192.168.1.10	UDP	53	58004 → 48004 Len=11
17291	869.870703	155.207.18.208	192.168.1.10	UDP	53	58004 → 48004 Len=11
17293	869.982084	155.207.18.208	192.168.1.10	UDP	53	58004 → 48004 Len=11

> Frame 1: 53 bytes on wire (424 bits), 53 bytes captured (424 bits) on interface \Device\NPF_{8699DF5C-C28F-4F9B-A401-FC9B25B9A20C}, id 0
> Ethernet II, Src: zte_07:9f:b6 (d0:60:8c:07:9f:b6), Dst: HonHaiPr_18:c8:1f (b0:52:16:18:c8:1f)
> Internet Protocol Version 4, Src: 155.207.18.208, Dst: 192.168.1.10
> User Datagram Protocol, Src Port: 58004, Dst Port: 48004
> Data (11 bytes)

```
0000  b0 52 16 18 c8 1f d0 60 8c 07 9f b6 08 00 45 00  -R-----E-
0010  00 27 67 fc 00 00 78 11 6a 78 9b cf 12 d0 c0 a8  -'g---x-jx-----
0020  01 0a e2 94 bb 84 00 13 c4 74 34 31 20 31 46 20  -.....t41 1F
0030  30 33 20 32 42                                03 2B
```

Wi-Fi: <live capture in progress>