

Orvibo Wifi Socket

NOZZA87

JUL 13TH, 2014

5,509

NEVER

SHARE

TWEET

text13.22 KB

rawdownloadcloneembedreportprintdiff

```
1. #####
2. #####          Substitute 'ac cf 23 24 19 c0' for your own MAC Address in all commands          #####
3. #####
4. =====
5.
6. GLOBAL DISCOVERY DATA: Only needed to find IP Address and MAC Address of Unknown sockets, All configured sockets on network will reply.
7.     SEND: UDP 255.255.255.255:10000
8.         ASCII:
9.             hd\00\06qa
10.        HEX:
11.            68 64 00 06 71 61
12.
13.     RECEIVE: UDP x.x.x.x:10000
14.         ASCII:
15.             hd\00*qa\00\ac\cf#$\t\88          \88\t$#\cf\ac          SOC002(\ca1\d7\01
16.        HEX:
17.            68 64 00 2A 71 61 00 AC CF 23 24 19 C0 20 20 20 20 20 20 C0 19 24 23 CF AC 20 20 20 20 20 20 53 4F 43 30 30 32 28 CA
18.
19.     BREAKDOWN:
20.         68 64                                     - Magic Key
21.
22.         00 2A                                     - Full Message Length = 42bytes
23.
24.         71 61 00                                   - Command ID ?
25.
26.         AC CF 23 24 19 C0                           - Mac Address (Max Length = 12 = 24bytes)
27.         20 20 20 20 20 20                           - Mac Address Padding (spaces)
28.
29.         C0 19 24 23 CF AC                           - Mac Address Little Endian
30.         20 20 20 20 20 20                           - Mac Address Little Endian Padding
31.
32.         53 4F 43 30 30 32                           - = SOC002 (sometimes SOC001? Don't know what it means?)
33.
34.         28 CA 6C                                     - Time since manufacture? ((28:40) + (ca:202) * 255 +
35.         (6c:108) * 255 * 255 = 7074210seconds = 81.87743055555556days)
36.
37.         D7                                           - ??? Unknown ???
38.
39.         01                                           - Power state = off (00 = off, 01 = on)
40. =====
```

- Public Pastes
- Greek Online

1 sec ago
- Untitled

14 sec ago
- 12234 with a

16 sec ago
- Untitled

22 sec ago
- Untitled

31 sec ago
- Untitled

40 sec ago
- Untitled

41 sec ago
- Untitled

45 sec ago

| | | | |
|------|--|--|-------------------|
| 41. | DISCOVERY DATA: Only needed to find IP Address of known sockets. | | |
| 42. | SEND: UDP 255.255.255.255:10000 | | |
| 43. | ASCII: | | |
| 44. | hd\00\12qg\ac\cf#\$\19\c0 | | |
| 45. | HEX: | | |
| 46. | 68 64 00 12 71 67 ac cf 23 24 19 c0 20 20 20 20 20 20 | | |
| 47. | | | |
| 48. | RECEIVE: UDP x.x.x.x:10000 | | |
| 49. | ASCII: | | |
| 50. | hd\00*qg\00\ac\cf#\$\19\c0 | \c0\19\$#\cf\ac | SOC001\902j\d7\00 |
| 51. | HEX: | | |
| 52. | 68 64 00 2A 71 67 00 AC CF 23 24 19 C0 20 20 20 20 20 20 C0 19 24 23 CF AC 20 20 20 20 20 20 53 4F 43 30 30 31 90 32 | | |
| | 6A D7 00 | | |
| 53. | | | |
| 54. | BREAKDOWN: | | |
| 55. | 68 64 | - Magic Key | |
| 56. | | | |
| 57. | 00 2A | - Full Message Length = 42bytes | |
| 58. | | | |
| 59. | 71 67 00 | - Command ID ? | |
| 60. | | | |
| 61. | AC CF 23 24 19 C0 | - Mac Address (Max Length = 12 = 24bytes) | |
| 62. | 20 20 20 20 20 20 | - Mac Address Padding (spaces) | |
| 63. | | | |
| 64. | C0 19 24 23 CF AC | - Mac Address Little Endian | |
| 65. | 20 20 20 20 20 20 | - Mac Address Little Endian Padding | |
| 66. | | | |
| 67. | 53 4F 43 30 30 31 | - = SOC001 (sometimes SOC002? Don't know what it means?) | |
| 68. | | | |
| 69. | 90 32 6A | - Time since manufacture? ((90:144) + (32:50) * 255 + | |
| | (6a:106) * 255 * 255 = 6905544seconds = 79.9252777777778days) | | |
| 70. | | | |
| 71. | D7 | - ??? Unknown ??? | |
| 72. | | | |
| 73. | 00 | - Power state = off (00 = off, 01 = on) | |
| 74. | ===== | | |
| 75. | SUBSCRIBE DATA: All Commands apart from discovery require a subscription first! | | |
| 76. | (Note: Subscription expires after a few minutes) | | |
| 77. | SEND: UDP x.x.x.x:10000 | | |
| 78. | ASCII: | | |
| 79. | hd\00\1ec1\ac\cf#\$\19\c0 | \c0\19\$#\cf\ac | |
| 80. | HEX: | | |
| 81. | 68 64 00 1e 63 6c ac cf 23 24 19 c0 20 20 20 20 20 20 c0 19 24 23 cf ac 20 20 20 20 20 20 | | |
| 82. | | | |
| 83. | RECEIVE: UDP x.x.x.x:10000 | | |
| 84. | ASCII: | | |
| 85. | hd\00\18c1\ac\cf#\$\19\c0 | \00\00\00\00\00\00 | |
| 86. | HEX: | | |
| 87. | 68 64 00 18 63 6C AC CF 23 24 19 C0 20 20 20 20 20 20 00 00 00 00 00 00 | | |
| 88. | | | |
| 89. | BREAKDOWN: | | |
| 90. | 68 64 | - Magic Key | |
| 91. | | | |
| 92. | 00 18 | - Full Message Length = 24bytes | |
| 93. | | | |
| 94. | 63 6C | - Command ID ? | |
| 95. | | | |
| 96. | AC CF 23 24 19 C0 | - Mac Address (Max Length = 12 = 24bytes) | |
| 97. | 20 20 20 20 20 20 | - Mac Address Padding (spaces) | |
| 98. | | | |
| 99. | 00 00 00 00 00 | - ??? Unknown ??? | |
| 100. | | | |
| 101. | 00 | - Power state = off (00 = off, 01 = on) | |
| 102. | | | |
| 103. | | | |



[illegible]

| | | |
|------|--|---|
| 159. | 68 64 | - Magic Key |
| 160. | | |
| 161. | 00 A8 | - Full Message Length = 168bytes |
| 162. | | |
| 163. | 72 74 | - Command ID ? |
| 164. | | |
| 165. | AC CF 23 24 19 C0 | - Mac Address (Max Length = 12 = 24bytes) |
| 166. | 20 20 20 20 20 20 | - Mac Address Padding (spaces) |
| 167. | | |
| 168. | 02 00 | - Record ID Little Endian = 02 |
| 169. | | |
| 170. | 00 00 00 | - ??? Unknown ??? |
| 171. | | |
| 172. | 04 | - Table Number |
| 173. | | |
| 174. | 00 01 00 00 | - ??? Unknown ??? |
| 175. | | |
| 176. | 8A 00 | - Record Length Little Endian = 138bytes |
| 177. | | |
| 178. | 01 00 | - Record Number Little Endian = 1 |
| 179. | | |
| 180. | 43 25 | - VersionID Little Endian = 9539 |
| 181. | | |
| 182. | AC CF 23 24 19 C0 | - UID (Max Length = 12 = 24bytes) |
| 183. | 20 20 20 20 20 20 | - UID Padding |
| 184. | | |
| 185. | C0 19 24 23 CF AC | - Mac Address Little Endian |
| 186. | 20 20 20 20 20 20 | - Mac Address Little Endian Padding (spaces) |
| 187. | | |
| 188. | 38 38 38 38 38 38 | - Remote Password = 888888 (max Length = 12 = 24bytes) |
| 189. | 20 20 20 20 20 20 | - Remote Password Padding (spaces) |
| 190. | | |
| 191. | 4F 66 66 69 63 65 | - Socket Name = Office (Max Length = 16 = 32bytes) |
| 192. | 20 20 20 20 20 20 20 20 20 20 | - Socket Name Padding (spaces) |
| 193. | | |
| 194. | 05 00 | - Icon Little Endian = 5 (0 = Light bulb, 1 = Fan , 2 = |
| | Thermostat , 3 = Double Switch , 4 = American Power Point , 5 = Aus Power Point) | |
| 195. | | |
| 196. | 10 00 00 00 | - Hardware Version = 16 |
| 197. | 0A 00 00 00 | - Firmware Version = 10 |
| 198. | 05 00 00 00 | - CC3000 Firmware Version = 5 (ti wifi chipset) |
| 199. | | |
| 200. | 10 27 | - Static Server Port Little Endian = 10000 |
| 201. | 2A 79 6F D0 | - Static Server IP = 42.121.111.208 |
| 202. | 10 27 | - Domain Server Port Little Endian = 10000 |
| 203. | 76 69 63 65 6E 74 65 72 2E 6F 72 76 69 62 6F 2E 63 6F 6D | - Domain Server Name = vicenter.orvibo.com (Max Length = 40 = |
| | 80bytes) | |
| 204. | 20 | - Domain Server Name Padding (spaces) |
| 205. | | |
| 206. | C0 A8 01 C8 | - Local Static IP = 192.168.1.200 |
| 207. | C0 A8 01 01 | - Local Gateway IP = 192.168.1.1 |
| 208. | FF FF FF 00 | - Local Net Mask = 255.255.255.0 |
| 209. | 01 | - DHCP Mode = yes (00 = no, 01 = yes) |
| 210. | 01 | - Discoverable = yes (00 = no, 01 = yes) |
| 211. | | |
| 212. | 00 | - Time Zone Set |
| 213. | 08 | - Time Zone |
| 214. | | |
| 215. | 00 00 | - ??? Unknown ??? |
| 216. | | |
| 217. | 0C 00 | - Countdown Seconds = 12 |
| 218. | | |
| 219. | ===== | |
| 220. | Timing DATA: (Table 3) | |
| 221. | SEND: UDP x.x.x.x:10000 | |

222. ASCII:
223. hd\00\1drt\ac\cf#\$\19\c0 \00\00\00\00\04\00\03\00\00\00\00
224. Hex:
225. 68 64 00 1D 72 74 ac cf 23 24 19 c0 20 20 20 20 20 20 00 00 00 00 AA 00 BB 00 00 00 00 (Note: AA = Table Number = 03,
BB = Version Flag = 02)
226.
227. RECEIVE:
228. ASCII:
229. hd\00Xrt\ac\cf#\$\t\88
 \02\00\00\00\00\03\00\01\00\00\1c\00\01\00\e2r\80\00c\0e\00\00\00\\\de\16\00\0a0\19\00\01\00\de\07\07\r\10\00\00\ff\1c\00\02\00\e2r\80\00q\0f\0
230. HEX:
231. 68 64 00 58 72 74 AC CF 23 24 19 C0 20 20 20 20 20 20 02 00 00 00 00 03 00 01 00 00 1C 00 01 00 E2 72 80 00 63 0E 00
00 00 5C DE 16 00 A0 19 00 01 00 DE 07 07 0D 10 00 00 FF 1C 00 02 00 E2 72 80 00 71 0F 00 00 50 72 D2 16 00 A0 19 00 00 00 DE 07 07 0D 13 00
00 FF
232. BREAKDOWN:
233. 68 64 - Magic Key
234.
235. 00 58 - Full Message Length = 88bytes
236.
237. 72 74 - Command ID ?
238.
239. AC CF 23 24 19 C0 - Mac Address (Max Length = 12 = 24bytes)
240. 20 20 20 20 20 20 - Mac Address Padding (spaces)
241.
242. 02 00 - Record ID Little Endian = 02
243.
244. 00 00 00 - ??? Unknown ???
245.
246. 03 - Table Number
247.
248. 00 01 00 00 - ??? Unknown ???
249.
250. 1C 00 - Record Length Little Endian = 28bytes
251. 01 00 - Record Number Little Endian = 1
252. E2 72 80 00 63 0E 00 00 00 5C DE 16 00 A0 19 00 - ??? Unknown ???
253. 01 00 - Power state = on (00 = off, 01 = on)
254. DE 07 - Year Little Endian = 2014
255. 07 - Month = 7
256. 0D - Day = 13
257. 10 - Hour - 2? = 18 = 6pm
258. 00 - Minute = 00
259. 00 - Second = 00
260. FF - Repeat = 255 = Repeat Everyday (Bits: 128 = Repeat, 64 =
Sunday, 32 = Monday, 16 = Tuesday, 8 = Wednesday, 4 = Thursday, 2 = Friday, 1 = Saturday)?
261.
262. 1C 00 - Record Length Little Endian = 28bytes
263. 02 00 - Record Number Little Endian = 2
264. E2 72 80 00 71 0F 00 00 50 72 D2 16 00 A0 19 00 - ??? Unknown ???
265. 00 00 - Power state = off (00 = off, 01 = on)
266. DE 07 - Year Little Endian = 2014
267. 07 - Month = 7
268. 0D - Day = 13
269. 13 - Hour - 2? = 21 = 9pm
270. 00 - Minute = 00
271. 00 - Second = 00
272. FF - Repeat = 255 = Repeat Everyday (Bits: 128 = Repeat, 64 =
Sunday, 32 = Monday, 16 = Tuesday, 8 = Wednesday, 4 = Thursday, 2 = Friday, 1 = Saturday)?
273.
274. =====
275. POWER ON DATA:
276. SEND: UDP x.x.x.x:10000
277. ASCII:
278. hd\00\17dc\ac\cf#\$\19\c0 \00\00\00\00\01
279. HEX:
280. 68 64 00 17 64 63 ac cf 23 24 19 c0 20 20 20 20 20 20 00 00 00 00 01

| | | | |
|------|-------------------|--|---|
| 281. | | | |
| 282. | RECEIVE: UDP | x.x.x.x:10000 | |
| 283. | ASCII: | | |
| 284. | | hd\00\17sf\ac\cf#\$\19\c0 | \00\00\00\00\01 |
| 285. | HEX: | | |
| 286. | | 68 64 00 17 73 66 AC CF 23 24 19 C0 20 20 20 20 20 20 00 00 00 00 01 | |
| 287. | | | |
| 288. | BREAKDOWN: | | |
| 289. | 68 64 | | - Magic Key |
| 290. | | | |
| 291. | 00 17 | | - Full Message Length = 23bytes |
| 292. | | | |
| 293. | 73 66 | | - Command ID ? |
| 294. | | | |
| 295. | AC CF 23 24 19 C0 | | - Mac Address (Max Length = 12 = 24bytes) |
| 296. | 20 20 20 20 20 20 | | - Mac Address Padding (spaces) |
| 297. | | | |
| 298. | 00 00 00 00 | | - ??? Unknown ??? |
| 299. | | | |
| 300. | 01 | | - Power state = on (00 = off, 01 = on) |
| 301. | | | |
| 302. | ===== | | |
| 303. | POWER OFF DATA: | | |
| 304. | SEND: UDP | x.x.x.x:10000 | |
| 305. | ASCII: | | |
| 306. | | hd\00\17dc\ac\cf#\$\19\c0 | \00\00\00\00\00 |
| 307. | HEX: | | |
| 308. | | 68 64 00 17 64 63 ac cf 23 24 19 c0 20 20 20 20 20 20 00 00 00 00 00 | |
| 309. | | | |
| 310. | RECEIVE: UDP | x.x.x.x:10000 | |
| 311. | ASCII: | | |
| 312. | | hd\00\17sf\ac\cf#\$\19\c0 | \00\00\00\00\01 |
| 313. | HEX: | | |
| 314. | | 68 64 00 17 73 66 AC CF 23 24 19 C0 20 20 20 20 20 20 00 00 00 00 00 | |
| 315. | | | |
| 316. | BREAKDOWN: | | |
| 317. | 68 64 | | - Magic Key |
| 318. | | | |
| 319. | 00 17 | | - Full Message Length = 23bytes |
| 320. | | | |
| 321. | 73 66 | | - Command ID ? |
| 322. | | | |
| 323. | AC CF 23 24 19 C0 | | - Mac Address (Max Length = 12 = 24bytes) |
| 324. | 20 20 20 20 20 20 | | - Mac Address Padding (spaces) |
| 325. | | | |
| 326. | 00 00 00 00 | | - ??? Unknown ??? |
| 327. | | | |
| 328. | 00 | | - Power state = off (00 = off, 01 = on) |

RAW Paste Data

```
#####
#####      Substitute 'ac cf 23 24 19 c0' for your own MAC Address in all commands      #####
#####
=====
=====

GLOBAL DISCOVERY DATA: Only needed to find IP Address and MAC Address of Unknown sockets, All configured sockets on network will reply.
SEND: UDP 255.255.255.255:10000
ASCII:
```

