



Companion hello

A [hello] packet from the companion app is the serial number of the PBD reversed.

e.g

PB123456789012

[hello] packet would be:

210987654321BP

Companion Packet

This is the packet sent by the companion app. It contains the home wifi ssid and password as a minimum.

Companion packet will have the following format:

```
"ssid=XXXXXXXXXXXXXXXXXXXXXX\n
psk=XXXXXXXXXXXXXXXXXXXXXX"
```

Serial Number

Formatting for serial number used for PSK for PetBuddy wifi network:

PB 05 31 17 10 40 00

meaning PetBuddy mm dd yy hh mm ## (assembler badge number), time of manufacture will be computer generated during assembly

maybe in ciphertext? deciphered by android app after scan