

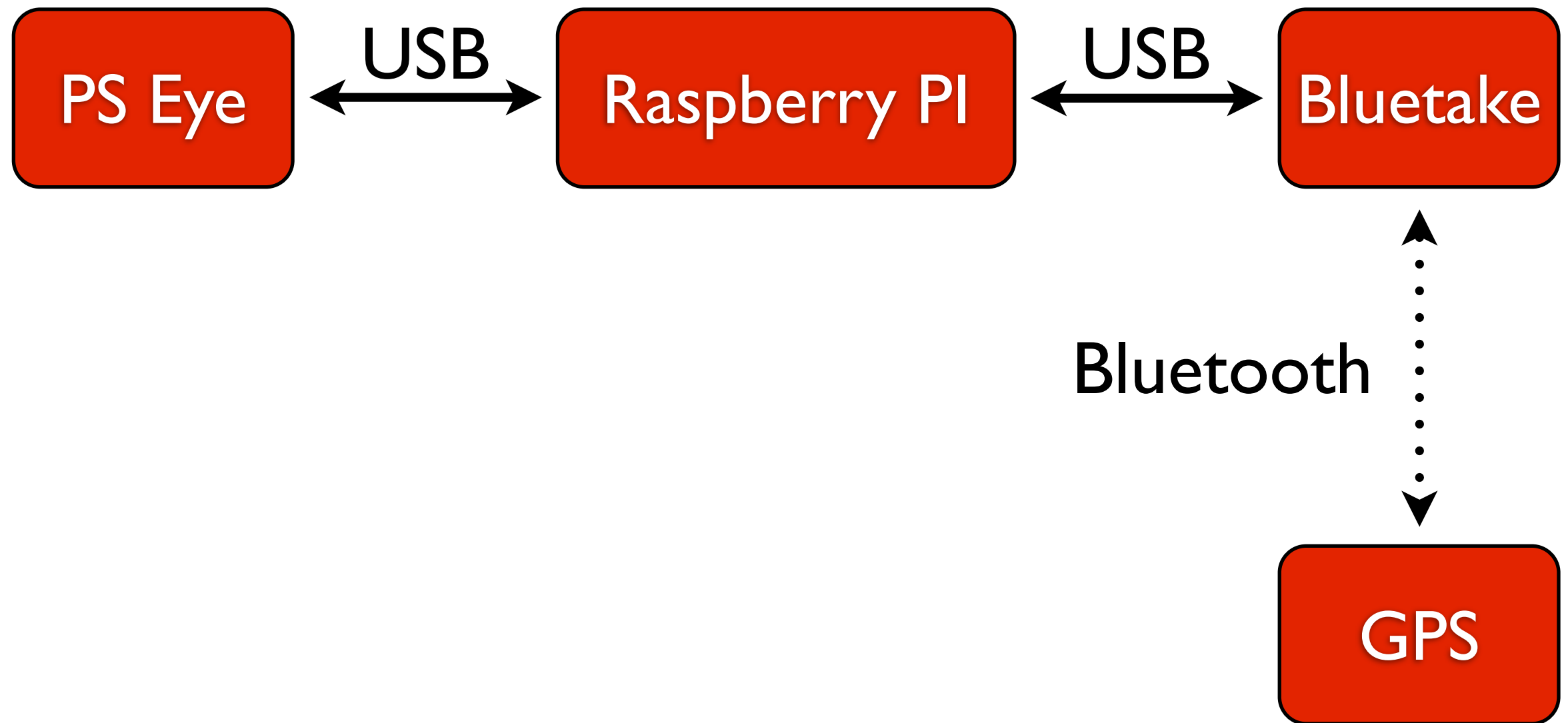
Balon atmosferyczny

Zastosowanie Systemów Wbudowanych

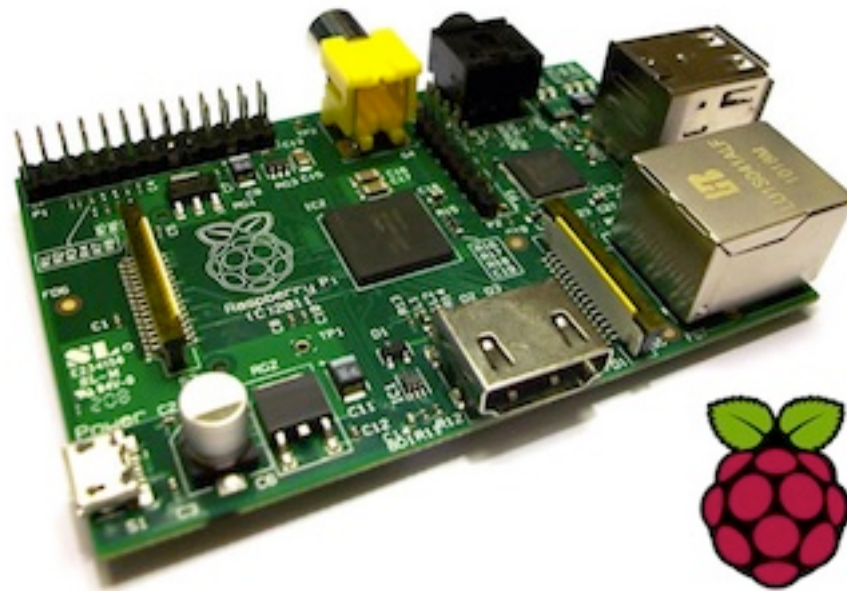
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Balon Atmosferyczny





Raspberry Pi rev. B



Raspberry PI rev. B

- ARM 700 MHz
- 256 MB RAM
- SD 4 GB
- USB, HDMI, Ethernet
- Raspbian

PlayStation Eye



PlayStation Eye

- USB
- 640 x 480 px
- 60 Hz

Bluetooth BT007SX



Bluetooth BT007SX

- USB
- Zasięg do 100m
- 2.4GHz
- 3 Mbps

Navibe GPS GB735



```
pi@raspberrypi ~ $ ruby app.rb
Scanning...
GPS Mac address: 00:12:0E:7C:E7:26
Pairing with GPS device...
Creating device failed: org.bluez.Error.AlreadyExists: Already Exists
Reading from /dev/rfcomm0
Device /dev/rfcomm0 not ready, waiting...
Connecting to GPS device...
Reading from /dev/rfcomm0
Device /dev/rfcomm0 not ready, waiting...
Reading from /dev/rfcomm0
Device /dev/rfcomm0 not ready, waiting...
Reading from /dev/rfcomm0
Device /dev/rfcomm0 not ready, waiting...
Reading from /dev/rfcomm0
Device /dev/rfcomm0 not ready, waiting...
Connected /dev/rfcomm0 to 00:12:0E:7C:E7:26 on channel 1
Press CTRL-C for hangup
Reading from /dev/rfcomm0
Capturing image 2012-12-02 21:12:14 +0000 - 5107.043 x 1701.7342 x 131.2
Capturing image 2012-12-02 21:12:15 +0000 - 5107.0422 x 1701.734 x 130.7
Capturing image 2012-12-02 21:12:16 +0000 - 5107.0415 x 1701.7338 x 130.3
Capturing image 2012-12-02 21:12:17 +0000 - 5107.0409 x 1701.7335 x 129.9
Capturing image 2012-12-02 21:12:18 +0000 - 5107.0403 x 1701.7333 x 129.4
Capturing image 2012-12-02 21:12:19 +0000 - 5107.0396 x 1701.733 x 129.1
Capturing image 2012-12-02 21:12:20 +0000 - 5107.0391 x 1701.7328 x 128.7
Capturing image 2012-12-02 21:12:21 +0000 - 5107.0385 x 1701.7325 x 128.3
Capturing image 2012-12-02 21:12:22 +0000 - 5107.038 x 1701.7323 x 127.9
Capturing image 2012-12-02 21:12:23 +0000 - 5107.0375 x 1701.7321 x 127.6
Capturing image 2012-12-02 21:12:24 +0000 - 5107.037 x 1701.7319 x 127.3
Capturing image 2012-12-02 21:12:25 +0000 - 5107.0366 x 1701.7317 x 127.0
Capturing image 2012-12-02 21:12:26 +0000 - 5107.0346 x 1701.7266 x 124.8
Capturing image 2012-12-02 21:12:27 +0000 - 5107.0334 x 1701.7242 x 123.4
Capturing image 2012-12-02 21:12:28 +0000 - 5107.0325 x 1701.7231 x 122.5
```