





















| Device | Data Type | Sampling Period (Min.) |
|--------|---|---------------------------|
| iPhone | Location (Latitude, Longitude, Accuracy) | 2.75 |
| Fitbit | Step Counts, activity levels (sedentary, light, fair, high). Calorie burn. Heart rate | 1 |



































| Screenshots of Configuration Screens | | | | | | | | | |
|---|---|----------------------------|-----------------------------|----------------------------|--------------------------------|--------------------------------|----------------------|--|--|
| 박 🖼 📢 근 💭 👘 Š | ੈ . ਜ ਿ2% <mark>2</mark> 3:33 PM | 부 🖿 💦 C 🛛 CIMON Monitor | ∦ 🚏 <u>.</u> ∦83% 🕫 3:42 PM | 부 🗃 💦 😋 見 CIMON Monitor | ∦ 🚏 "(182≒)¶ 3:39 PM | 역 후 🖒 🖒 🖒 🗞 🕅 CIMON Monitor | * 🕈 "ff80% 🖬 3:26 PN | | |
| Systèm Sensors | Liser Activity | System | ((**) | System | Sensors | System Sen | | | |
| Gen-location | inactive | CPU utilization | Frequency: 1.000 Hz | Geo-location | Frequency: 0.999 Hz | | contraining | | |
| network passive gps | Power: 3.0mA | BogoMIPS: 13.53 | Power: 0.0mA | network passive gps | Power: 3.0mA | Period 1 * | Frequency 1 000 Hz | | |
| Accelerometer | inactive | Total | | Latitude | 39.48* | | | | |
| MPL accel | Power: 0.5mA | | 176 | | .07.221 | | | | |
| Magnetometer | inactive | User | 1/ 3 | Longnute | *81.32 | oon I | | | |
| MPL magnetic field | Power: 0.5mA | Nice | 0 % | Accuracy | 0 m | Duration | | | |
| Gyroscope | inactive | System | 10 % | Accelerometer | Frequency: 0.970 Hz | Manual | | | |
| MPL Gyro | Power: 0.5mA | · | | MPL accel | Power: 0.5mA | | min 👻 | | |
| Linear Acceleration | inactive 🕕 | Une Ione | 00 % | Magnetometer | Frequency: 1.000 Hz | | | | |
| Ovientation | inactive - | IOWait | | MPL magnetic field | Power: 0.5mA | Include metadata in re | eport | | |
| MPL Orientation (android deprecated for | mat) Power 97m4 | e iro | 0% | Gyroscope | inactive 🕕 | | | | |
| Provimity sensor | inactive | | | MPL Gyro | Power: U.Sma | Contemporary Email | Google Drive | | |
| GP2A Proximity Sensor | Power: 0.75mA | Son IHQ | 0% | MPL linear accel | Power: 0.5m4 | P | | | |
| Pressure | inactive | Context switches | | Orientation | Frequency: 0.972 Hz | G Box | Dropbox | | |
| BMP180 Pressure Sensor | Power: 0.05mA | Battery | inactive 🔒 | MPL Orientation (android d | eprecated format) Power: 9.7mA | | | | |
| Minimum interval: 15 ms | | Li-ion | Power: 0.0mA | Azimuth | 0.81 rad | P Derevel | Canaal | | |
| Resolution: 0.01 hPa | | Network traffic | Frequency: 1.000 Hz | | | e necora | Cancer | | |
| Light sensor | inactive 👝 | Active network: WIFI | Power: 0.0mA | Pitch | -1.12 rad | Atmospheric pressure | 0 hPa | | |
| GP2A Light Sensor | Power: 0.75mA | Mobile Rx | | Roll | 2.05 rad | Light sensor | | | |
| | | Mabile Tx | 28946248 bytes | Proximity sensor | Frequency: 1.000 Hz | GP2A Light Sensor | Power: 0.75mA | | |
| | | Total Rx | 881 502592 bytes | | rower. c./arite | Light level | | | |
| | | | | | | | | | |



| Examples of Sensing Capabilities | | | | | |
|----------------------------------|---|--|--|--|--|
| Sensor Type | Sensing Examples | | | | |
| GPS & Triangulation | Locations, routes, indoor/outdoor time | | | | |
| Accelerometer | Mode of transportation, activities, step counters | | | | |
| Gyroscope | Type of activities, unusual events (falls) | | | | |
| Wi-Fi Proximity | Locations, routes | | | | |
| Bluetooth Proximity | Proximity to friends, family, coworkers, etc. | | | | |
| Magnetometer | Type of activities | | | | |
| NFC/RFID | Locations (supermarket, library, etc.) | | | | |
| Barometer | Locations (floor of building) | | | | |
| Applications | Preferences, moods, interests/hobbies | | | | |
| Phone, EMail, SMS | Communication patterns, moods | | | | |
| Media (Music, Pictures,) | Preferences, interests, moods | | | | |



