

# IoT-Labs: Available Resources

## -. LoRa Devices

| Device                          | Platform    | Board   | Technology                        | Links                           |
|---------------------------------|-------------|---|-----------------------------------|---------------------------------|
| <a href="#">Dragino shields</a> | Arduino IDE | Arduino   | LoRa - LoRaWAN                    | <a href="#">Short tutorial</a>  |
| LoRaBee Microchip RN2483        | Arduino IDE | <a href="#">Autonomo</a>  | LoRaWAN                           | <a href="#">Short tutorial</a>  |
| <a href="#">LoPy</a> from Pycom | Micropython | Expansion Board - <a href="#">Pysense</a> - <a href="#">Pytrack</a> | LoRa - LoRaWAN - WiFi - BLE       | <a href="#">Short tutorial</a>  |
| LoRa/GPS Hat                    | C++         | Raspberry Pi  | LoRa - LoRaWAN                    | <a href="#">Short tutorial</a>  |
| <a href="#">TTGO LoRa32</a>     | Arduino IDE | ESP32   | LoRa - LoRaWAN - WiFi - BLE       | <a href="#">Example scripts</a> |
| <a href="#">TTGO T-Beam</a>     | Arduino IDE | ESP32   | LoRa - LoRaWAN - WiFi - BLE - GPS | <a href="#">Example scripts</a> |

## -. Sensors

- Temperature
- Moisture
- Light
- Infrared
- Ultrasonic
- Pysense board for LoPy (Ambient light - Barometric pressure - Humidity - 3 axis 12-bit accelerometer - Temperature)
- Pytrack board for LoPy (GPS - 3 axis 12-bit accelerometer)

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Last update: **2019/11/07 05:49**

