Libelium Smart Cities IoT Vertical Kit

Quick Start Guide









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1. Identify the products



2. Open the box



3. Identify Meshlium device and antennas





4. Antennas set up

Antennas *

- a) Dipole 5 dBi (Bluetooth, WiFi, XBee-PRO 802.15.4).
- b) 4G / GPS (3 antennas for EU, US or BR models; 2 antennas for AU models).
- c) Dipole 4.5 dBi (XBee 868LP, XBee-PRO 900HP).
- (*) Number and type of antennas depend on the model purchased.

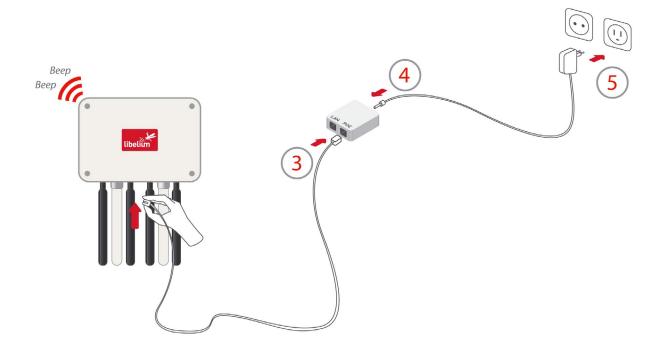






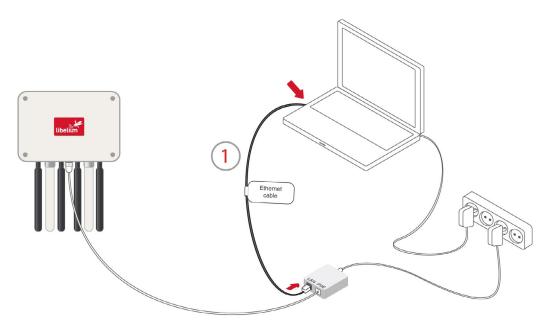


5. Power set up





6. Internet set up

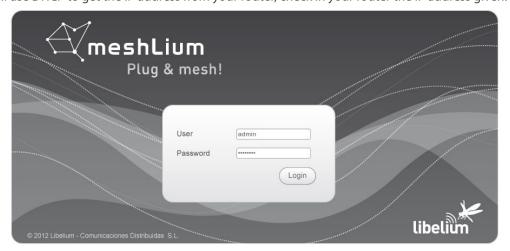


Wifi Access:

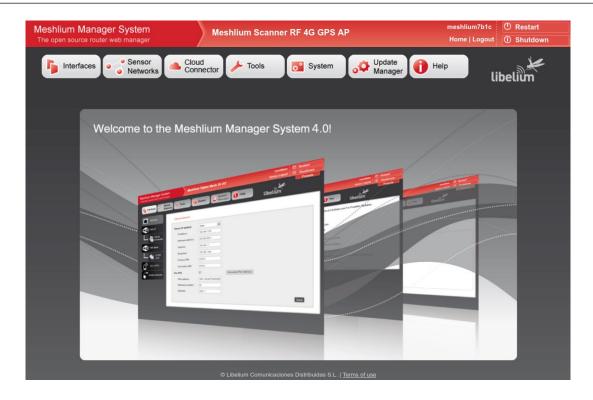
- Connect to Meshlium Wifi AP
 - Meshlium XXXX,
 - no password needed
- Access Meshlium IP 10.10.10.1/MeshliumManager using a Web Browser (IE, Chrome, Firefox)
 - User: admin
 - Password: libelium

Ethernet Access:

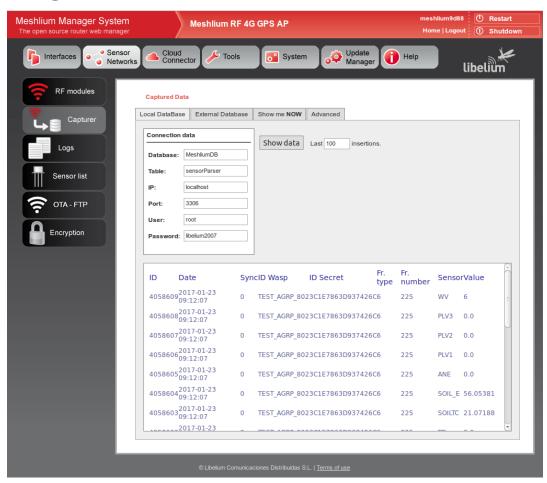
- Access Meshlium assigned IP/MeshliumManager using a Web Browser (IE, Chrome, Firefox)
 - User: admin
 - Password: libelium
- Meshlium will use DHCP to get the IP address from your router, check in your router the IP address given.





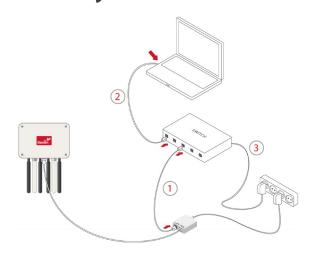


7. Checking data received at Meshlium



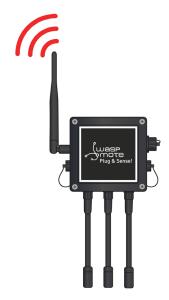


8. Now you can receive data





9. Get Ready to send Data



10. Open the box





11. Recharge Plug & Sense!



12. Antennas set up





13. Identify Plug & Sense! family















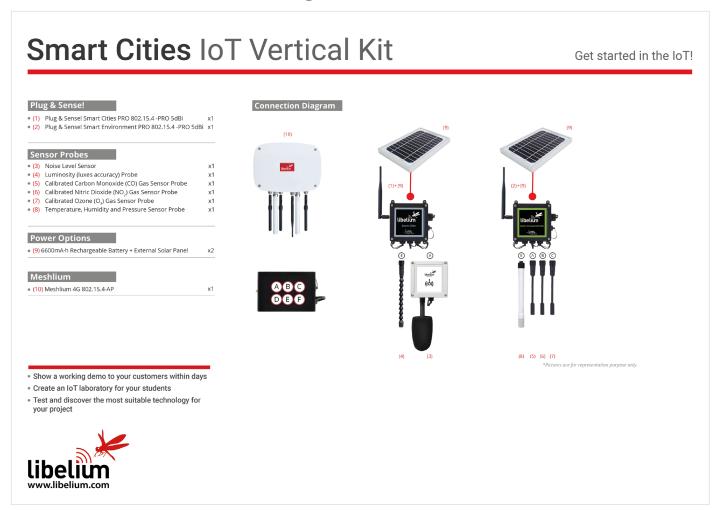


Smart Parking





14. Check conecction diagram



15. Sensors setup





16. Connect sensors



17. Connect Solar Panel







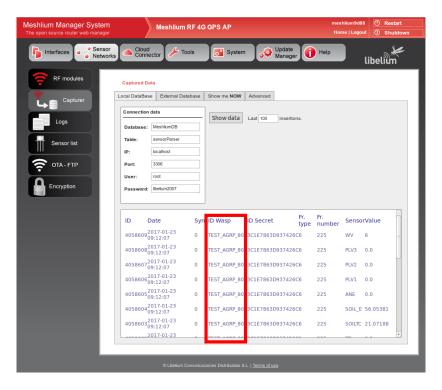
18. Turn ON Plug & Sense!





19. Checking if data is received

- Access to Meshlium as explained before in page 5-6.
- To check that your Plug & Sense! is sending data, see the ID_Wasp. The ID_Wasp of each Plug & Sense! can be found in the details sticker.



20. Visualizing data

- Click Sensor Networks
- Click visualizer, select the variables and click show data button

