



Andromeda



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1 INTRODUCTION

The Andromeda aims to get sensors connected faster and their data available with the least amount of effort possible.

2 SPECIFICATIONS

2.1 GENERAL SPECIFICATIONS

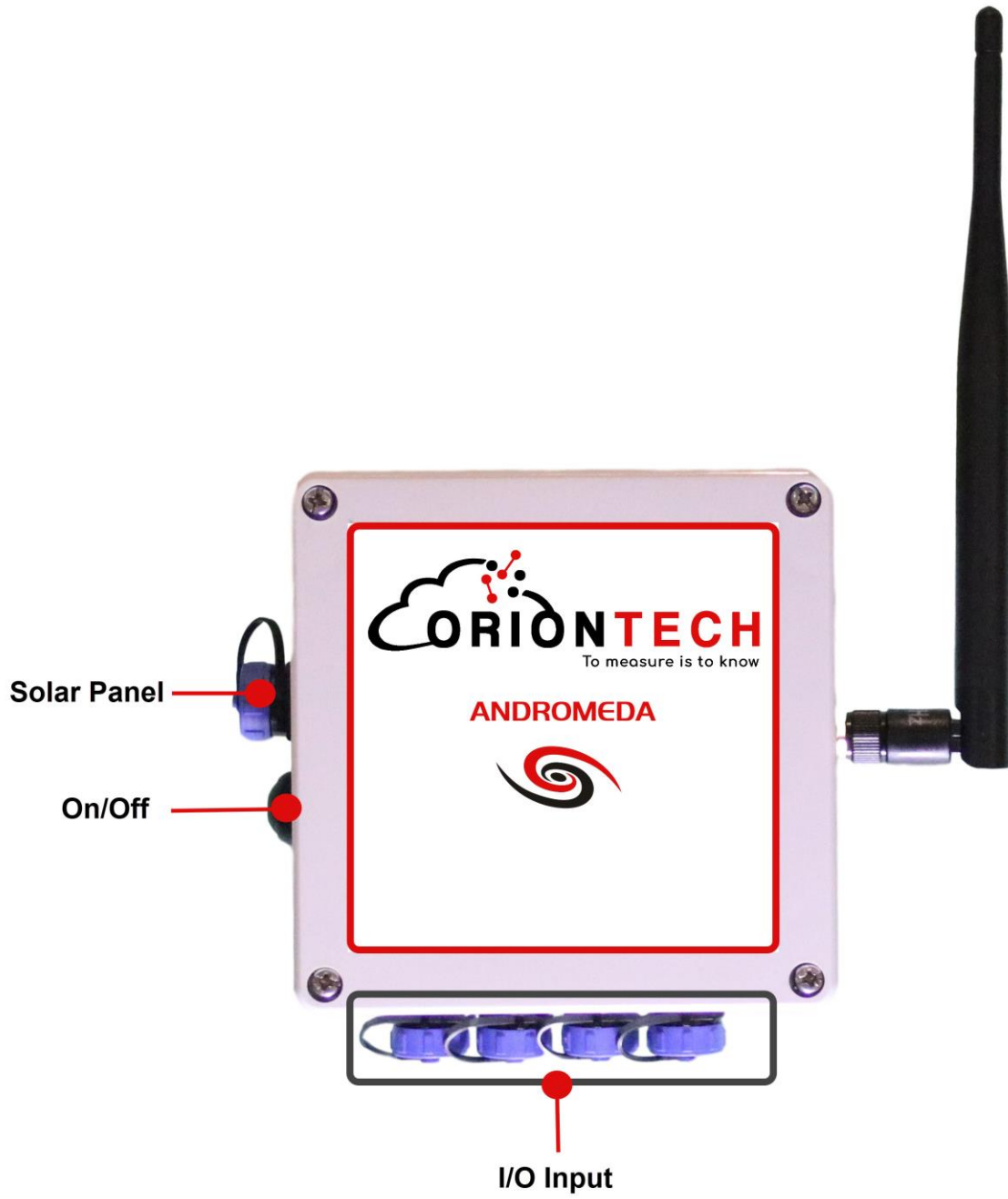
- 4 and 6, inputs available, please refer to section..... for available sensors.
- 6600mAh battery powered
- IP67 rated
- 5V Solar power panel input / 12-24V also available

2.2 WIRELESS COMMUNICATIONS

The Andromeda can be configured to use Sigfox, Zigbee, LoRa, LoRaWan and GSM wireless communications.



3 LAYOUT



3.1 SENSOR OPTIONS

3.1.1 Agriculture

- Soil Moisture
- Soil Temperature
- Dendrometer
- Temperature, Humidity and Pressure
- Luminosity
- Leaf Wetness
- Solar Radiation
- Weather Station

3.1.2 Gas

- Carbon Dioxide (CO₂)
- Ammonia (NH₄)
- Methane (CH₄)
- Carbon Monoxide (CO)
- Nitric Dioxide (NO₂)
- Sulphur Dioxide (SO₂)
- Hydrogen Sulphide (H₂S)
- Hydrogen Cyanide (PH₃)
- Chlorine (Cl₂)

3.1.3 City

- Noise Sensor
- Ambient Light
- Air Quality

3.1.4 Security

- Asset Tracking
- Ultrasound
- Presence Sensor
- Liquid Sensor
- Liquid Flow
- RFID
- Tampering Detection

3.1.5 General

- RFID
- Level Sensor
- 4-20mA sensor

Please note that not every combination will be possible.

4 CONTACT

For any information please contact Oriontech on:

Email: info@oriontech.co.za

Phone: 0836504435