VoBo Node rev 1.02

Abbreviated Data Sheet

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| **Input/Output** | | |
| Analog | 3 individually jumper configurable inputs   * 4-20 mA * 0-10 V * 0-5 V | 4 to 24 V available to power analog sensors. |
| Digital | 4 dry contact | Event driven notifications.  Pulse counting.  High-Low level switches. |
| Serial Port | RS-485 | Permits receipt of Modbus signals |
| **Power Supply** | | |
| Battery | 2-D size Lithium Thionyl Chloride batteries   * 3.6 Volt nominal * 3000 mA pulse current * 14.5 Ah capacity | Typical monitoring requirements result in 2 to 4-year life. |
| Sleep Mode Power Demand | 40 uA |  |
| Transmit Power Demand | 34 mA to 250 mA |  |
| **Configuration** | | |
| Basic Wake/Sleep Cycle | VoBo Node typically functions on a cycle. It sleeps for a defined period of time, then it wakes up, powers the sensors, takes the readings, and transmits the data to the gateway and then goes back to sleep. | |
| Data Storage | 16 MB Flash, Data Logging | |
| Programmable/Edge Computing | The VoBo Node can be programmed to perform calculations and different types of routines before it transmits data. | |
| **Approvals** | | |
| FCC | Operates in the ISM (unlicensed band).  Radio FCC Identifier: AU792U13A16857 | |
| HazLoc | Certification pending customer confirmation of design | |
| **Environmental** | | |
| Operating Temperature | -40 to 80 C, -40 to 176 F | All components are rated to this range. |
| Weather | IP 66, NEMA 4X | Enclosure, connectors rated to this standard or better. |
| **Dimensions** | | |
| H x W x L | 8” x 8” x 4” (approx.) |  |