



AllSolus LiveBase Specifications



The *AllSolus LiveBase* is an all-in-one data-logging device for energy monitoring applications.

The *AllSolus LiveBase* calculates power generation by RS485 communication to compatible inverters. Gas, water and electricity can be measured via digital input to compatible power sensors.

Wireless interfacing to the *AllSolus EnviroLink* calculates ambient conditions. Wireless interface to the AllSolus MeterLink calculates full power consumption from the mains meter.

The *AllSolus LiveBase* transmits all data to AllSolus Software for display. Numerous display options include

- AllSolus Online Portal
- Local Network Portal
- AllSolus Public Display

For more information or to place your order contact AllSolus today: AllSolus.com.au

General

Voltage Input	5 to 30 VDC
Current	300mA (@12V)
Diagnostics	LED USB via PC Software
Configuration	USB via PC Software*
Operating Temperature	-20°C to 80°C

Signal Inputs

Number of channels	3
Voltage supplied	3.3 VDC
Impedance	1k Ω (3.3mA)
Interface	Isolated

Environmental Monitoring Inputs

Ambient Temperature Range	-50°C to 100°C
Ambient Temperature Accuracy	+/- 0.5°C
Internal Temperature Range	-20°C to 80°C
Internal Temperature Accuracy	+/- 2°C
Illuminance	0 to 100 mW/cm ²

Communication

Interface	RS485
	Ethernet 10/100 Auto Sensing
	USB (High Speed)

Analog Inputs

Number of channels	4
Channels 1 & 2	AllSolus Temperature Sensor
Channels 3 & 4	0 to +5V [1M Ω]

Memory

Internal Memory	512 kB
Removable Storage	SD Card

Transceiver (wireless version only)

Frequency Band	902-928 MHz
RF Technology	License Free Frequency Hopping Spread Spectrum
Output Power	750mW
Security	56 Bit Encryption Key & 8 Bit system ID
Range	>20 km (Line of sight)

* Online: allsolus.com.au