

thiamis 1000

8-in-1 IoT Device

Communications

Data Logging

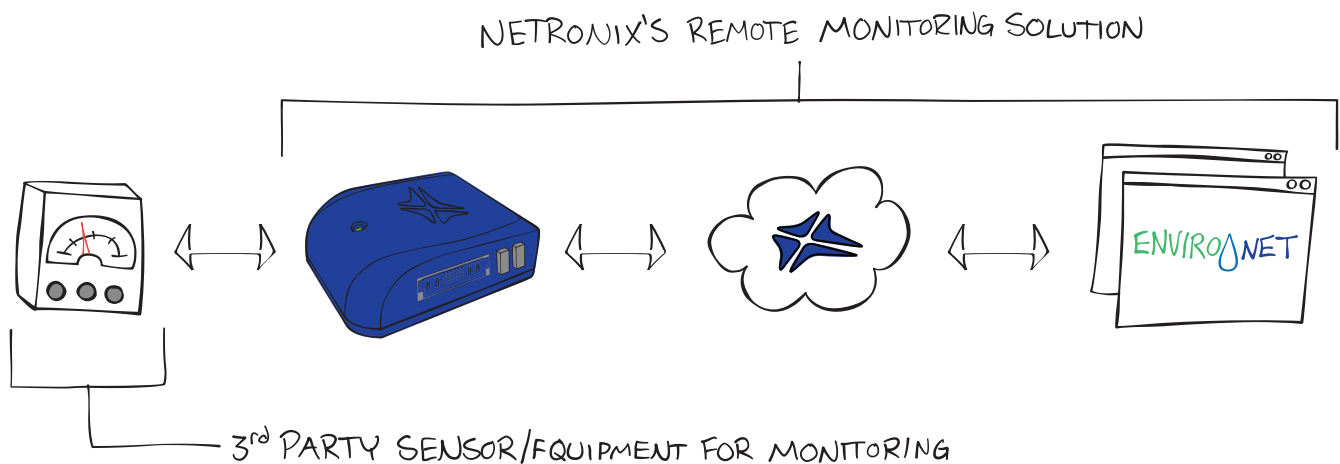
Plug-and-Play



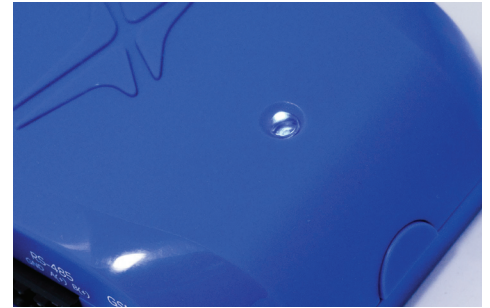
Simplicity drives our ideology which lies in our ability to develop sophisticated, yet intuitive solutions to tackle difficult technological problems... in other words, our ability to democratize technology.

“The core of our inspiration is **simplicity**” - Dr. Vasileios Nasis/CEO

The thiamis 1000™ is a vital component of Netronix's IoT (Internet-of-Things) platform. It combines control, data logging, digital processing, global positioning and telemetry into one compact and purpose-built device, making it the most advanced and cost effective solution in the IoT market. The thiamis links the devices/sensors on the field with Netronix's cloud network in a Plug-and-Play fashion, while it ensures data integrity, processing and security on both ends.



Product Specifications



Communications	Cellular	GSM/GPRS/EDGE 850, 900, 1800, 1900 MHz UMTS/HSPA 800/850, 900, AWS 1700, 1900, 2100 MHz Bands B6, B19, and B5
	WiFi	802.11 b/g
	Bluetooth	Bluetooth 4.0
	Mesh	Zigbee
	GPS	Sensitivity > -165dBm, 3m Accuracy, A-GPS
	Antenna	Built-in (GPRS, 3G, GPS, Zigbee, Bluetooth) External MCX Female (GPRS/3G and GPS) <i>[Optional]</i>
	SIM Card	Built-in
	Data Logging	Digital Ports
Delta Port		Expansion port for Analog and Digital I/Os
Wireless Ports		Zigbee, Bluetooth and WiFi
Clock		Real-time
Protocols		ASCII, ModBUS, SDI-12. UMB and more
Memory		8GB SD card (built-in)
Sensors (built-in)		Barometer
	Accelerometer	16g (13-bit resolution)
	Temperature Sensor	-20 °C to 85 °C (10-bit resolution)
General	Input Voltage	12 VDC
	Power	0.6 Watt
	Operating Temperature	-30 °C to 75 °C (-22 F to 167 F)
	Dimensions (LxWxD)	4.1in (105mm) x 1.4in (35mm) x 3.2in (82mm)
	Weight	0.4 Lbs (0.18 kg)
	Certifications	CE, FCC, PTCRB