

APPLICATIONS

- ❖ Remote Monitoring
- ❖ Water & Wastewater Treatment Stations
- ❖ Power Generators and Refrigerators
- ❖ Pumping Systems
- ❖ Remote Control and Alarm Systems
- ❖ Remote Power fail detection



FEATURES

- ❖ GSM remote monitoring
- ❖ Two inputs for event detection
- ❖ Send SMS for each event detection
- ❖ Easy to configure and setup
- ❖ Power supply with batteries
- ❖ Long battery life
- ❖ Battery status indication through SMS
- ❖ Internal or external GSM antenna

HARDWARE CHARACTERISTICS

- ❖ Internal Modem GSM/GPRS
- ❖ Power supply with AC/DC adapter (6~24V DC)
- ❖ 2 x Digital IO Ports (0~24V level)^(*)
- ❖ 6V batteries power supply

SOFTWARE CHARACTERISTICS

- ❖ Allow to run user Python
- ❖ Customised Software Application can be developed on client requirement.
- ❖ User application with access to:
 - Digital IO ports
 - Analogue port
 - GSM module (command AT)

Spin&Turn developed these hardware devices thinking on client's needs and product versatility. The SUC logger and alarm used for digital/analogue Data-Logging and send messages through SMS for Alarm Monitoring. It is a device very easy to setup and takes all advantages to be simple.

The SUC821 series are based on an ARM9 Processor with up to 64MB SDRAM. It has the advantage to run a user application, allowing to monitoring and controlling systems remotely. For maintenance, the equipments can be connected to a PC using the mini USB (optionally can be done through Bluetooth) allowing access to a Linux shell commands.

MODELS CHARACTERISTICS

	<u>SUC821</u>	<u>SUC821-CONT</u>	<u>SUC-LOGGER</u>	<u>SUC-ALARM</u>
ARM9 Processor	YES	YES	NO	NO
Bluetooth Modules	2	1	NO	NO
External USB server	2	2	NO	NO
External USB client	1	1	NO	NO
Internal GSM/GPRS modem	YES	YES	YES	YES
Internal Wi-Fi module	NO	NO	NO	NO
Digital IO Ports	32	32	3	2
Analogue Ports	0	4	2	1 (VBATT)
Ports Voltage Levels	0 - 3.3V	0 - 3.3V	0 - 5V	0 - 36V
External microSD	YES	YES	YES	NO
Run user application	YES	YES	NO	YES
Networking Internet Protocol	YES	YES	NO	NO
SIM card configuration	NO	YES	YES	YES

(*) Ports are not with galvanic isolation