

GSM Systems



Monitor: Temperature, Humidity, Power, Water, Smoke, Carbon Monoxide and More...



Table of Contents

GSM Systems	3
Argon 100 GSM	3
Ares 12 & 14 GSM	4
Poseidon2 4002	5
CWT 5111 GSM RTU.....	6
Industrial RTU's & PLC's	7
Sensors	7
Temperature (1-Wire Bus)	7
Humidity (1-Wire Bus)	7
Water Detection including 2.5m cable.....	7
Water Detection including 7m cable.....	7
Water Detection Cable Extension (2.5m)	7
Water Detection Spot Sensor	7
Smoke	8
Air Flow.....	8
Air Flow Sensor (Mounted) NO/NC.....	8
Barometric Air Pressure Sensor	8
Room Entry.....	8
Movement Detection	8
Water Tank Level Sensor	8
Fuel Tank Level Sensor.....	9
Panic Button.....	9
Accessories	10
GSM Modem w/USB or RS232.....	10
Power over Ethernet Active Splitter	10
Power over Ethernet Midspan Injector	10
Portable Mini UPS (5V, 7.5V, 9V & 12V).....	10
Mains IEC C14 to 4-way 13A Multiblock	10

GSM Systems

Argon 100 GSM

£235.00

Key Features



- Includes Temperature Sensor (1m cable)
- Monitor temperature range -30°C to +70°C
- Low Cost Monitoring Solution
- Works out of the box (requires SIM)
- Global Quad Band GSM/GPRS Engine
- SMS, Email & Ring Alerts
- Temperature Datalogger
- Programmable via SMS
- Request current temperature via SMS
- Wall Mountable

The Argon 100 GSM is a compact solution to monitor temperature over GSM. The unit is perfect for a wide range of applications where the user requires up-to-date temperature information or alerts. The Argon will send SMS or Email Alerts over the GSM network notifying you if the temperature goes outside the user-defined safe limits i.e. goes too hot or too cold. This device is simple and straight forward to setup via software or SMS configuration commands.

The user can request the current temperature by sending a text message to the device, shortly after you'll receive an SMS with the current temperature level. This unit is great solution for remote monitoring.

Alerts	SMS, Phone Call, Email
Datalogger Records	1000
Number of Sensors	1
Reason for Use	Temperature
Sensor Type	External
Temperature Accuracy	±0.5°C
Temperature Range	-30 to +70°C

SIM Requirement

The Argon is a quad-band device. Most major 2G enabled SIM's are supported. (worldwide)

Ares 12 & 14 GSM

GSM monitoring systems with Email and SMS text notification when sensor thresholds are exceeded.

£550.00

£710.00



The Ares12 & 14 GSM is a remote monitoring solution using the GSM mobile phone network. It can be used in any place in the world with GSM coverage. This product is used primarily for Temperature, Humidity and power monitoring but is also capable of monitoring other parameters, including Flood, Water Leak, Gas, Smoke, Door open/close and others.

The Ares 12 & 14 GSM also has an internal battery for backup in case of power failure. In addition it will send a SMS message or an email if the power fails.

Email and Text (SMS) alerts are sent to designated recipients when alarms are triggered, ensuring that your assets are always protected against environmental hazards

Features Include:

- Measures and records Temperature and Humidity
- Detects smoke, door contact, power, voltage, gas and more
- Battery backed. Will operate for a few hours without power
- Email alerts
- Text alerts
- Phone call alerts
- Power failure alerts
- Logs data in its internal memory
- Includes Comms cable, antenna and power supply

Number of 1-Wire sensors:

- Ares 12 - 2
- Ares 14 - 12

Number of Switch Sensors

- Ares 12 - 2
- Ares 14 - 2

Alarm alerts

- SMS (up to 5 phone numbers)
- Ringing a specified number (up to 5 phone numbers)
- Email (up to 5 addresses) with selectable priority

Poseidon2 4002**£695.00****Poseidon 4002 Standalone or Rack Mounted**

Monitoring of security and operating conditions for data centers. Fits into a 19" or 10" rack. Features digital inputs (contacts) and outputs (relay), RJ11 sensors. Supports XML and SNMP, sends SMS, e-mail and SNMP traps. Up to 18 sensors: Temperature, humidity, AC current (12 RJ11 sensors up to 30m away) Door contact, smoke detector, flood detector... 2 relay outputs: Thermostat function, remote reset/power cycling

Features Include:

- Rack mountable, powerful, fully featured monitor
- Can support up to 12 1 Wire sensors
- Up to 12 Digital (Volt-Free Inputs)
- Up to 24 RS485 sensors
- HTML, XML, SNMP, Modbus/TCP
- Email and SMS (Optional) alerts
- Up to 4 Digital outputs, triggered by Digital Inputs, 1-Wire or RS485 Sensors
- Temperature, humidity, flood, gas, smoke, door contact and more
- Capable of logging 250,000 records internally
- A GSM modem for sending SMS alerts can be connected to RS-232

Supported Software:

- HWg-PD Trigger: Alert redirection to SMS, pop-up messages, PC shutdown...
- HWg-PDMS: Logging of values, graphs, export to MS Excel
- CapTemp: Visualization on a map, control of outputs, alarm redirection to SMS

GSM Modem (for Poseidon 4002)**£150.00**

CWT 5111 GSM RTU

£196.00 (requires SIM)



Cost effective Remote Control system & Alert device

The GSM RTU monitors up to 8 x dry contact and 4 x analogue inputs and has 8 x drivable relay outputs. When a pre-defined alarm condition happens, a user-defined SMS message is sent to pre-configure mobile phone numbers. These pre-configured mobile phone numbers can belong to Managers, Engineers or third party service companies who are responsible in handling corresponding alarms. With the aid of this GSM RTU, the alarm condition is dealt with immediately. Relay outputs can be triggered either by an alarm condition or remotely via SMS commands from a mobile phone. These outputs can be connected to local audible/visual alarms, cooling fans, water pumps etc. There is a built-in microprocessor chip running on a real-time operating system which gives immediate response to any change in both inputs and outputs condition. A GSM modem is embedded in the GSM RTU, so all the user has to do is insert a SIM card and the GSM RTU can be installed in any location with GSM coverage.

Features Include:

- Current input and output status can be queried by SMS
- Preset High and Low limits on analogue inputs
- Digital inputs can be configured as NO or NC
- Configurable alarm delay time
- Outputs can be activated on schedule
- Internal battery enables power fail alarm
- Audio in and out
- Automatic status report on schedule

Specifications:

Power Supply	12-24V DC (Standard adapter: 12V 1.5A)
Power Consumption	12V Input Max. 150mA Average 50mA
Frequency Range	Quad Frequency 900/1800/850/1900MHz
SIM Card	3V & 1.8V SIM Card
Communication Interface	RS-232C and SMS commands
Working Environment	-30 deg C to 70 deg C 95% RH
Digital Inputs	8 x Digital Inputs (dry contact)
Analogue Inputs	4 x Analogue inputs (4-20mA or 0-5V)
Outputs	8 x Drivable relay outputs (open collector)
Audio Interface	3.5mm audio in and out
Dimensions	130mm x 80mm x 25mm
Weight	370G



Sensors

	<p style="text-align: center;">Temperature (1-Wire Bus)</p> <ul style="list-style-type: none"> • Temperature range from -10 deg C to 60 deg C. • Supplied with 1m, 3m, 5m or 10m cable. • Compatible with Ares 12, Ares 14 & Poseidon systems. 	<p style="text-align: center;"><u>Cable</u></p>	<table border="0"> <tr><td>1m</td><td>£32.00</td></tr> <tr><td>3m</td><td>£37.00</td></tr> <tr><td>5m</td><td>£45.00</td></tr> <tr><td>10m</td><td>£48.00</td></tr> </table>	1m	£32.00	3m	£37.00	5m	£45.00	10m	£48.00
1m	£32.00										
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10m	£48.00										
	<p style="text-align: center;">Humidity (1-Wire Bus)</p> <ul style="list-style-type: none"> • Humidity sensor with 1 wire communication bus. • Humidity Range 0-100% • Supplied with 1m, 3m or 10m cable. • Compatible with Ares 12, Ares 14 & Poseidon systems. 	<p style="text-align: center;"><u>Cable</u></p>	<table border="0"> <tr><td>1m</td><td>£72.00</td></tr> <tr><td>3m</td><td>£75.00</td></tr> <tr><td>10m</td><td>£114.00</td></tr> </table>	1m	£72.00	3m	£75.00	10m	£114.00		
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	<p style="text-align: center;">Water Detection including 2.5m cable</p> <ul style="list-style-type: none"> • Real-time water detection. • 2.5m detection cable with 7.5m leader cable and Control Box. • Alert triggered when water detected or power lost. • Detection cable can be extended in 2.5m lengths. 		<p style="text-align: center;">£212.00</p>								
	<p style="text-align: center;">Water Detection including 7m cable</p> <ul style="list-style-type: none"> • Real-time water detection. • 7m detection cable with 7.5m leader cable and Control Box. • Alert triggered when water detected or power lost. • Detection cable can be extended in 2.5m lengths. 		<p style="text-align: center;">£316.00</p>								
	<p style="text-align: center;">Water Detection Cable Extension (2.5m)</p> <ul style="list-style-type: none"> • Extend the length of Water Detection cable. • Requires connection in-line between existing detection cable and sensor module. 		<p style="text-align: center;">£104.00</p>								
	<p style="text-align: center;">Water Detection Spot Sensor</p> <ul style="list-style-type: none"> • Real-time recognition of water under pod. • Ideal for under vending machines, sinks etc. • Battery powered (battery included). 		<p style="text-align: center;">£171.00</p>								





Sensors Continued

	<p style="text-align: center;">Smoke Sensor</p> <ul style="list-style-type: none"> • Real-time monitoring of smoke/fire • Audible alert and escape light when triggered • Max sensor cable 275m, supplied with 15m. 	<p style="text-align: right;">£62.00</p>
	<p style="text-align: center;">Air Flow Sensor (Fly Lead) NO/NC</p> <ul style="list-style-type: none"> • Real-time monitoring of air flow stop/start. • Ideal for Air Con. Systems, Server Fans etc. • Max sensor cable 275m, supplied with 15m. 	<p style="text-align: right;">£ 33.00</p>
	<p style="text-align: center;">Air Flow Sensor (Mounted) NO/NC</p> <ul style="list-style-type: none"> • Real-time monitoring of air flow stop/start. • Wall, Ceiling or Conduit box mounting • Flexible arm for positioning • Max sensor cable 275m, supplied with 15m. 	<p style="text-align: right;">£63.00</p>
	<p style="text-align: center;">Barometric Air Pressure Sensor</p> <ul style="list-style-type: none"> • Pressure Range 20.8 to 32 Hg (10.2 to 15.7 psi) • Output User selectable 4-20ma or 1-5VDC 	<p style="text-align: right;">£155.00</p>
	<p style="text-align: center;">Room Entry Sensor</p> <ul style="list-style-type: none"> • Real-time monitoring of door or cabinet open/closed. • Max sensor cable 275m, supplied with 15m. 	<p style="text-align: right;">£ 21.00</p>
	<p style="text-align: center;">Movement Detection</p> <ul style="list-style-type: none"> • Detects movement up to 12m within 90 degree angle • Max sensor cable 275m, supplied with 15m. 	<p style="text-align: right;">£37.00</p>
	<p style="text-align: center;">Water Tank Level Sensor</p> <ul style="list-style-type: none"> • Real-time recognition of water level rise or fall past specific level. • Indicates leaks, flooding or need to refill water tank. • Includes 7.5m cable, can be extended up to 275m • Available as Normally Closed (NC) and Normally Open (NO). 	<p style="text-align: right;">£162.00</p>

Sensors Continued

	<p style="text-align: center;">Fuel Tank Level Sensor</p> <ul style="list-style-type: none">• Real-time recognition of fuel level rise or fall past specific level.• Indicates leaks, flooding or need to refill fuel tank.• Includes 7.5m cable, can be extended up to 275m• Available as Normally Closed (NC) and Normally Open (NO).	£187.00
	<p style="text-align: center;">Panic Button</p> <ul style="list-style-type: none">• Provide warning where someone is working and needs help• Max sensor cable 275m, supplied with 15m.• Compatible with all Room Alert Models.	£175.00

Accessories

	<p style="text-align: center;">GSM Modem w/USB or RS232</p> <ul style="list-style-type: none"> • Air Interface GSM / GPRS • USB or RS232 Connection • Requires SIM 	<p>£150.00</p>				
	<p style="text-align: center;">Power over Ethernet Active Splitter</p> <ul style="list-style-type: none"> • Allows easy integration of Power over Ethernet (PoE) for a non PoE enabled device. 	<p>£62.00</p>				
	<p style="text-align: center;">Power over Ethernet Midspan Injector</p> <ul style="list-style-type: none"> • Allows easy integration of Power over Ethernet (PoE) for a PoE enabled Room Alert monitor. • Use in-line with a PoE powered device when a network is not PoE enabled. 	<p>£62.00</p>				
	<p style="text-align: center;">Portable Mini UPS (5V, 7.5V, 9V & 12V)</p> <ul style="list-style-type: none"> • Li battery 4400mAH or 8800mAH • Selectable outputs 5V, 7.5V, 9V and 12V (Slide switch) • USB Port 5V 1A • Input Voltage :100 -240VAC • Provides 14+ Hours backup for Room Alert systems 	<table border="0"> <tr> <td style="padding-right: 10px;">4.4AH</td> <td>£55.00</td> </tr> <tr> <td>8.8AH</td> <td>£75.00</td> </tr> </table>	4.4AH	£55.00	8.8AH	£75.00
4.4AH	£55.00					
8.8AH	£75.00					
	<p style="text-align: center;">Mains IEC C14 to 4-way 13A Multiblock</p> <ul style="list-style-type: none"> • Moulded IEC plug (C14). • 4 x UK style 13A sockets • Power LED and Fuse OK LED indicators. • 3m Cable • PAT tested and CE approved. 	<p>£ 19.99</p>				

Full Installation including System Set-up, Configuration and Test can be provided with all products. Call NOW on 01527 598500 or email info@bticomputer.com for details.