

GMAC5

Gamatronic's Control and Management series





The new **GMAC5** more than a communication power monitoring device

GMAC5 is our new communication device that combines the abilities of power system monitoring with valuable additional features, such as various methods for informing the end user of alarm conditions.

The entire configuration is based on a built-in web interface, which is password protected and is accessible locally or remotely through any web browser.

The interface is intuitive and simple, making the configuration straightforward.

GMAC5 enables remote monitoring for all current Gamatronic products.

FEATURES

- Up to 20 recipients for email notifications
- Eight configurable groups for proper configuration of alarm notifications
- Remote computer shutdowns with shutdown agent software
- SNMP v2c/v3 communication – all UPS protocols are normalized to RFC 1628 (Standard UPS Protocol)
- RS232 communication supports all Gamatronic UPS systems through SEC, PowerPlus and Megatec protocols
- Comprehensive event configuration is available for controlling alerts being sent to the users
- Full featured log includes complete system snapshot saved for every event

WEB INTERFACE

Gamatronic CMS 5 English

Ver: 0.1.114
Web: 0.1.21

UPS

Main: UPS, Log, Event log, Active alarms, Configuration

Event Log

ID	State	Event name	Time	Severity	Snapshot
1	In	System startup	00:00:13 00/09/2000	Info	(img)
2	In	Humidity sensor disconnected	00:00:13 00/09/2000	Info	(img)
3	In	Temp sensor 3 disconnected	00:00:13 00/09/2000	Info	(img)
4	In	Temp sensor 2 disconnected	00:00:13 00/09/2000	Info	(img)
5	In	Temp sensor 1 disconnected	00:00:13 00/09/2000	Info	(img)
6	In	System startup	00:00:13 00/09/2000	Info	(img)
7	In	System startup	00:00:10 00/09/2000	Info	(img)
8	In	Temp sensor 2 disconnected	00:00:01 00/09/2000	Info	(img)
9	In	Temp sensor 1 disconnected	00:00:01 00/09/2000	Info	(img)
10	In	System startup	00:00:01 00/09/2000	Info	(img)
11	Out	Battery bad	18:29:47 15/08/2014	Warning	(img)
12	Out	General fault	18:29:47 15/08/2014	Warning	(img)
13	Out	Low battery	18:29:47 15/08/2014	Warning	(img)
14	In	Battery bad	18:29:47 15/08/2014	Warning	(img)
15	Out	Test in progress	18:29:47 15/08/2014	Info	(img)
16	In	General fault	18:29:47 15/08/2014	Warning	(img)
17	In	Low battery	18:29:47 15/08/2014	Warning	(img)
18	In	Test in progress	18:29:47 15/08/2014	Info	(img)
19	Out	Temperature sensor #2	18:29:47 15/08/2014	Warning	(img)
20	In	Temp sensor 2 disconnected	18:29:47 15/08/2014	Info	(img)
21	Out	Temperature sensor #1	18:29:47 15/08/2014	Warning	(img)
22	In	Temp sensor 1 disconnected	18:29:47 15/08/2014	Info	(img)
23	In	Temperature sensor #2	18:29:47 15/08/2014	Warning	(img)
24	In	Temperature sensor #1	18:29:47 15/08/2014	Warning	(img)
25	In	System startup	18:29:47 15/08/2014	Info	(img)
26	In	Serial communication lost	18:29:45 15/08/2014	Info	(img)
27	In	System startup	18:29:45 15/08/2014	Info	(img)
28	In	System startup	18:29:45 15/08/2014	Info	(img)
29	Out	Serial communication lost	18:29:45 15/08/2014	Info	(img)
30	In	Serial communication lost	18:29:45 15/08/2014	Info	(img)

Gamatronic CMS 5 English

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System, UPS, VFC inputs, VFC output, Environment

Main: UPS, Measurements, Commands, I/O, Log, Configuration

Details

Identification: SA P1
Manufacturer: OAI/ATRONIC
Model: P0424 SA 1/1
Software version: 012
Last test result: Battery test fail

Measurements:
Nominal input voltage: 230
Nominal input frequency: 50Hz
Nominal input voltage: 230V
Nominal output power: 2000
Nominal output voltamper: 1000

Output source: Load on inverter

Active alarms

ID	Description	Severity
1	General fault	Warning
2	UPS battery lead	Warning

Modem does not exist.

Gamatronic CMS 5 English

Ver: 0.1.115
Web: 0.1.21

Main: Log, Configuration, Network, Date/Time, Serial, Modbus, SNMP, Email, Shutdowns, Security, Recipients, Events, Groups

Modbus communication

Modbus protocol: ASCII | Data bits: 8 | Parity: None
Speed: Disabled | RTU | ASCII | TCP
Address: 5 (1-247)

Apply

Gamatronic CMS 5 English

Ver: 0.1.115
Web: 0.1.21

Main: Log, Configuration, Network, Date/Time, Serial, Modbus, SNMP, Email, Shutdowns, Security, Recipients, Events, Groups

General

Model: Normal | Set model

Download configuration | Restore to factory defaults | Switch to bootloader

Identification configuration

Unit name: New unit
Site: New site
Contact: your@email.com

Serial configuration

Power system monitoring

Modbus configuration

Modbus communication

Network communication

Send e-mail
 Respond to SNMP polling
 Send SNMP traps
 Communicate with Shutdown Agents
 Telnet

Apply



GAMATRONIC™

Our Power Your Confidence

GMAC5 TECHNICAL SPECIFICATIONS

Feature	Description
External power supply	12 Vdc 0.5 W
User interface	HTTP browser, connected to GMAC5 either directly or through Ethernet
Ethernet interface	10/100Base Auto detect
Telnet	Telnet protocol support for basic system configuration
MCU	STM32F207 Cortex M3 @120MHz
Security features	Access to user interface is password protected
Monitorable power devices	All Gamatronic UPSs and dc power systems that utilize any of the following protocols: SEC, Megatec, PowerPlus and 1UDC+
RS232 serial connection	DB9 (to UPS or power system)
Modbus communication	TCP Modbus communication support
Client shutdown software	Shutdown-Agent
Email notification	20 targets
SNMP	Version 2: Filtering by manager and community Version 3: Authentication and privacy features supported
SNMP trap notification	10 targets
System log	Stores all readings for last 1000 alarm conditions
Operating Temperature Range	0 °C to +60 °C
Storage Temperature Range	-10 °C to +65 °C
Dimensions WxDxH (mm)	70 x 155 x 36

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