GENEREX

SITEMANAGER 5
Monitoring and Remote Control Rack

- **19" Remote Control Rack for rack and building monitoring**
- **Professional facility management device**
- **BACS Battery Management device**

Description

● The SITEMANAGER 5 is a monitoring unit for the professional use in 19" racks. The SM5 can be used for monitoring both electronic equipment and rooms and is equally well suited for industrial monitoring purposes with the following functions:

a) 8 digital inputs for contact indicators,
 like smoke alarm, motion detector etc.
b) 8 analog inputs
 for temperature and humidity sensors etc.
 Every input is individually configurable.
c) 8 relay outputs
 The operator can manually or automatically control the configuration of the outlets
d) Event configuration thru AND/OR logic
 The operator may define events out of a-c signals through a matrix
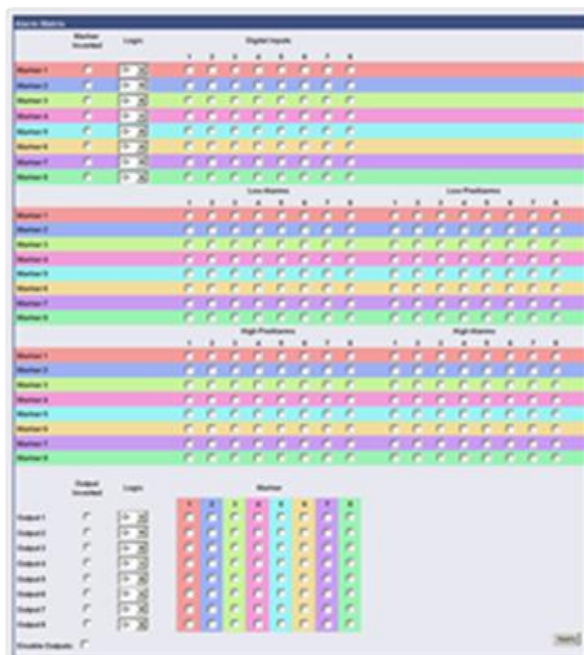
e) UPS interface port
 RS232 Port for UPS management, identical to CS121/141/BACS WEBMANAGER UPS management functionality
f) 2 x RJ10 for BACS battery bus
 Management of up to 330 BACS C-modules and up to 10 Currentsensors and 4 GX_R_AUX

● Using its simple plug ´n play connections for different sensors and actuators, identical to the GENEREX SENSORMANAGER. A quick and safe installation is guaranteed. The electrical connections are located at the rear side of the device (terminal strips).

● The state of the inputs are displayed via illuminating diodes (LED) at the front side, all details are visible on the inbuilt webinterface.

● The complete configuration and monitoring of the SITEMANAGER 5 is made through web-browser and UNMS software.

● In addition to the LAN connection, the SITEMANAGER 5 got an RS-232 interface for the connection to serial devices like an UPS. GENEREX supplies drivers for 90% of all UPS makers in todays markets.

● In comparison to the SITEMANAGER 4 the SITEMANAGER 5 is identical but adds BACS functionality.

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NEW: SITEMANAGER 5 includes BACS !

GENEREX's 3rd generation **BACS®** (**B**attery **A**nalysis & **C**are **S**ystem) is the most advanced product of its kind on the market today. An ethernet integrated battery monitoring and management system. BACS® uses web management technology to monitor the temperature, internal resistance, and voltage of every single battery in a given system and balances the potential difference of individuell cells.

- Management of up to 330 BACS® C modules in up to 10 parallel strings.
- Integrated web server for status display configuration of all alarm thresholds (battery impedance, voltage, temperature, UPS alarms, environmental alarms, etc. network messaging system (email, SMS, SNMP, RCCMD, MODBUS and (optional) PROFIBUS, LONBUS, BACnet.

String 1

No.	Volt [V]	Temp. [°C]	Ri [mΩ]	Equalize	Status
1	13.68	26.8	24.24		●
2	13.68	27.0	25.12		●
3	13.68	26.5	24.24		●
4	13.68	26.2	26.63		●
5	13.68	27.0	23.20		●
6	13.68	26.5	23.78		●
7	13.68	26.6	26.32		●
8	13.68	26.0	24.45		●
9	13.68	27.0	26.53		●
10	13.68	26.5	23.62		●
11	13.68	26.5	23.92		●
12	13.68	26.2	25.72		●
13	13.68	27.0	25.05		●
14	13.68	26.9	24.49		●
15	13.68	26.5	24.83		●
16	13.68	27.0	25.37		●
17	13.68	27.0	24.79		●
18	13.68	27.5	25.85		●
19	13.68	27.0	23.84		●
20	13.68	26.5	27.23		●
21	13.68	27.0	24.85		●
22	13.68	27.0	25.30		●
23	13.68	25.7	23.04		●
24	13.68	26.4	23.25		●
25	13.68	25.6	24.04		●
26	13.68	26.5	24.83		●
27	13.68	27.5	25.42		●
28	13.68	27.2	24.85		●
29	13.68	26.5	24.20		●
30	13.68	26.6	25.31		●
31	13.68	26.6	25.35		●

13.68 [V] Target Voltage
0 [A] Current   0.00 [KW] Real Power

String 2

No.	Volt [V]	Temp. [°C]	Ri [mΩ]	Equalize	Status
1	13.68	27.5	26.03		●
2	13.68	28.0	26.29		●
3	13.68	26.6	23.34		●
4	13.68	28.0	22.99		●
5	13.68	27.2	25.42		●
6	13.68	26.9	24.90		●
7	13.68	28.0	26.22		●
8	13.68	28.0	25.68		●
9	13.68	26.0	24.71		●
10	13.68	27.5	25.78		●
11	13.68	26.8	25.87		●
12	13.68	27.6	27.09		●
13	13.68	27.6	25.66		●
14	13.68	27.5	26.30		●
15	13.68	27.5	23.16		●
16	13.68	28.9	25.70		●
17	13.68	27.5	24.95		●
18	13.68	28.0	24.66		●
19	13.68	28.0	23.46		●
20	13.68	28.9	29.14		●
21	13.68	28.7	22.80		●
22	13.68	28.0	25.48		●
23	13.68	27.0	25.64		●
24	13.68	28.4	25.78		●
25	13.68	27.1	25.21		●
26	13.68	28.0	22.36		●
27	13.68	28.6	25.30		●
28	13.68	27.2	24.06		●
29	13.68	28.5	22.54		●
30	13.68	28.0	25.08		●
31	13.68	27.2	25.65		●

13.68 [V] Target Voltage
0 [A] Current   0.00 [KW] Real Power

String 3

No.	Volt [V]	Temp. [°C]	Ri [mΩ]	Equalize	Status
1	13.68	27.0	26.76		●
2	13.68	27.9	25.89		●
3	13.68	28.5	23.65		●
4	13.68	28.4	26.73		●
5	13.68	27.4	23.70		●
6	13.68	28.0	24.57		●
7	13.68	27.8	24.96		●
8	13.68	27.4	24.45		●
9	13.69	27.5	24.85		●
10	13.68	27.5	23.94		●
11	13.69	27.6	24.33		●
12	13.68	27.4	26.71		●
13	13.69	27.3	22.84		●
14	13.69	28.0	24.77		●
15	13.69	27.5	25.16		●
16	13.68	28.4	25.56		●
17	13.68	28.5	23.47		●
18	13.68	28.0	24.72		●
19	13.68	27.5	25.69		●
20	13.68	28.0	24.06		●
21	13.69	26.5	25.12		●
22	13.69	27.7	23.90		●
23	13.68	27.1	23.99		●
24	13.68	27.5	27.16		●
25	13.68	28.6	24.28		●
26	13.68	28.0	23.17		●
27	13.68	28.0	24.71		●
28	13.68	27.5	25.23		●
29	13.68	28.0	25.59		●
30	13.69	28.0	23.53		●
31	13.68	28.0	23.17		●

13.68 [V] Target Voltage
0 [A] Current   0.00 [KW] Real Power

String 4

No.	Volt [V]	Temp. [°C]	Ri [mΩ]	Equalize	Status
1	13.70	28.4	27.74		●
2	13.69	28.7	30.20		●
3	13.69	27.5	30.89		●
4	13.69	27.2	30.36		●
5	13.69	29.1	43.65		🟠
6	13.69	28.8	45.11		🟠
7	13.69	28.2	48.80		🟠
8	13.69	28.2	29.36		●
9	13.69	27.9	29.59		●
10	13.69	29.5	31.74		🟠
11	13.69	29.1	30.20		🟠
12	13.69	29.0	37.12		🟠
13	13.69	28.5	39.50		●
14	13.69	28.5	40.58		●
15	13.69	28.5	49.34		🟠
16	13.69	28.5	25.21		●
17	13.69	28.6	29.43		●
18	13.70	29.0	28.44		🟠
19	13.69	28.2	26.74		●
20	13.69	28.0	25.05		●
21	13.70	27.6	28.13		●
22	13.69	28.0	29.28		●
23	13.70	27.9	29.59		●
24	13.70	27.0	36.97		●
25	13.70	28.5	27.21		●
26	13.69	28.5	30.05		●
27	13.70	29.5	28.59		🟠
28	13.70	28.5	38.97		●
29	13.70	28.0	29.36		●
30	13.70	28.0	32.05		●
31	13.70	27.5	30.74		●

13.69 [V] Target Voltage
0 [A] Current   0.00 [KW] Real Power

Description

- **The SITEMANAGER 5 supports the native RS232 UPS protocols of >1000 UPS devices!**

UPS Status

UPS Power Status ?

Status	UPS STATUS OK				
UPS Model	EFFEKTA MI 600			Location	Hamburg
Input Voltage	L1: 226 V	L2: 0 V	L3: 0 V	Seconds on Battery	0
Input Frequency	L1: 50.0 Hz	L2: 0.0 Hz	L3: 0.0 Hz	Battery Voltage	14.00 V
Output Voltage	231 V			Battery Capacity	100.0 %
Output Frequency	N/A			Autonomy Time	0.22 minutes
Load	L1: 0 %	L2: 0 %	L3: 0 %	Battery Temperature	35.0

Load in percent ?

0.0 %

Battery Capacity ?

100.0 %

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- **The SITEMANAGER 5 is able to co-administrate almost every UPS device, including all of their state and measurement values of environmental sensors of any vendor.**
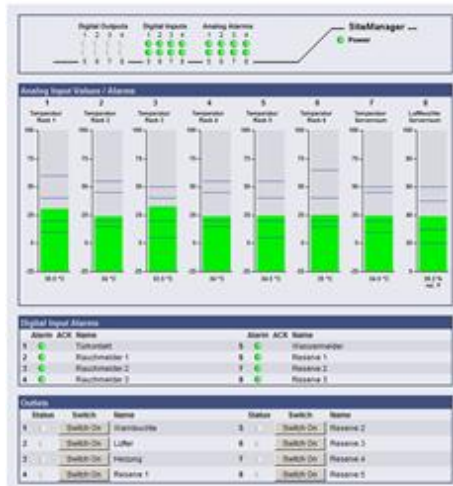
SITEMANAGER 5
Status Display

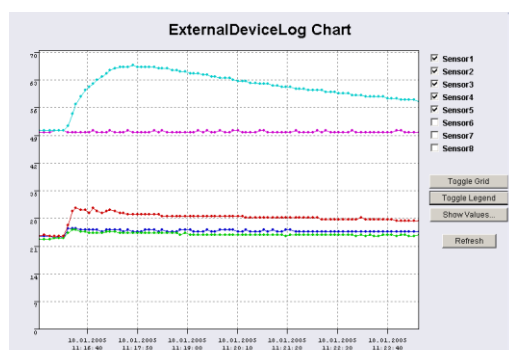Colored illuminating diodes for the state display

Display of the current measurement values and alarm thresholds

ACK = „Acknowledge"
Buttons for the acknowledgement of detected alarms

Push button for manual switching of digital output

- **Integrated BACS Battery Management System with BACS VIEWER logfiles**

Technical Data

- 8 digital inputs (dry contacts, open / closed configurable)
- 8 analog inputs (0 - 10V, 4 - 20mA, 0 - 20mA configurable via jumpers) for all kinds of GENEREX environmental sensors and 3rd party sensors with such an interface.
- 8 relay outputs (changer, max. 230VAC/4A or 48VDC/1A)
- 2 x RJ10 for BACS battery bus for up to 330 batteries
- 10/ 100Mbit LAN
- Timer for scheduled output control, start-up settings for every output (on / off)
- RS-232 interface for other devices (e.g. UPS)
- Remote configuration via webbrowser
- Supported protocols:
  Email, HTTP, SNMP, SNTP, RFC868, MODBUS Over IP, UPSTCP, DHCP, DNS, FTP, TELNET

- Battery backuped real-time clock
- LED alarm display, LED operating status display
- Non-volatile memory for alarms
- Integrated mail client and timeserver client

Options
- UNMS II Network Management Software
- BACnet, PROFIBUS, LONBUS
- Smoke/fire alarms, motion detectors, door contacts etc., connection of any other alarm contact indicator, which output signal is between 0 - 10V, 4 -20mA or rather 0 - 20mA (configurable via jumpers)
- Actuators like flash light, alarm buzzer etc.

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