



SITEMANAGER 6

Monitoring and Remote Control Rack

- **19" Remote Control Rack for rack and building monitoring**
- **Professional facility management device**
- **Supports native RS-232 UPS protocols from thousands of different UPS devices! The device can therefore manage almost any UPS device**
- **Integrated BACS Battery Management**

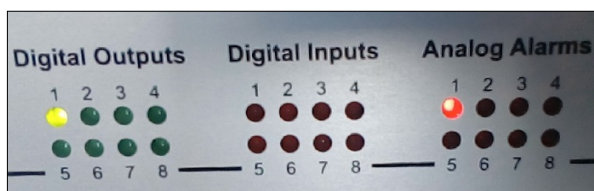


Features

- 2x RJ10 for BACS battery bus for up to 500 batteries
- 8 digital inputs (NC / NO configurable)
- 8 analog inputs (0 - 10V, 4 - 20mA, 0 - 20mA configurable via jumper)
- 8 relay outputs (changeover, max 230VAC / 4A or 48VDC / 1A)
- Timer for planned output controls
- Startup setting for each output (normally on / normally off)
- 10 / 100Mbit network connection
- RS-232 interface for connecting a UPS
- Remote configuration via web browser
- Supported protocols: MODBUS / IP, IPv6, HTTP, HTTPS, DNS, SMTP, NTP, sFTP, UPSTCP (UNMS)
- Battery-based real-time clock with timeserver synchronization
- LED alarm indicator, LED operating status indicator
- Integrated e-mail client
- Non-volatile memory for alarm data and measured value recording

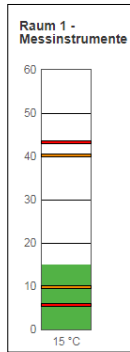
Description

The SITEMANAGER 6 is a monitoring unit for the professional use in 19" racks. The SM6 can be used for monitoring both electronic equipment and rooms and is equally well suited for industrial monitoring purposes



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 6 is made through web-browser and UNMS software.

In addition to the LAN connection, the SITEMANAGER 6 got an RS-232 interface for the connection to serial devices like an UPS. GENEREX supplies drivers for 90% of all UPS makers in today's markets.

GENEREX's 3rd generation **BACS® (Battery Analysis & Care System)** 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 individual cells.

This makes the SITEMANAGER 6 the only device of its kind on the market!

String 1						String 2					
No.	Volt [V]	Temp. [°C]	Ri [mΩ]	Equalize	Status	No.	Volt [V]	Temp. [°C]	Ri [mΩ]	Equalize	Status
1	13.26	24.0	24.05		●	33	13.27	22.5	41.63		●
2	13.40	23.3	25.04		●	34	13.53	23.0	44.02		●
3	13.27	23.1	23.55		●	35	13.58	22.0	25.53		●
4	13.33	23.1	25.04		●	36	13.56	21.5	26.84		●
5	13.25	22.8	22.23		●	37	13.55	22.0	34.89		●
6	13.29	22.7	23.59		●	38	13.55	22.0	29.77		●
7	13.33	22.8	24.51		●	39	13.56	22.2	31.80		●
8	13.55	22.5	25.12		●	40	13.57	22.2	30.64		●
9	13.83	21.9	25.46		●	41	13.55	21.3	28.54		●
10	13.92	22.5	22.77		●	42	13.56	22.0	32.01		●
11	13.92	23.5	22.92		●	43	13.56	21.0	29.26		●
12	13.90	23.0	25.51		●	44	13.56	22.0	39.98		●
13	13.29	22.5	23.94		●	45	13.56	21.9	30.26		●
14	13.92	22.9	24.10		●	46	13.56	22.5	29.37		●
15	13.92	22.9	23.78		●	47	13.54	21.1	25.58		●
16	13.20	22.5	24.33		●	48	13.56	21.5	30.38		●
17	13.92	22.0	23.91		●	49	13.55	21.0	30.12		●
18	13.91	23.0	24.68		●	50	13.53	20.5	43.50		●
19	13.22	22.5	23.46		●	51	13.52	21.2	25.45		●
20	13.92	21.5	25.25		●	52	13.57	22.0	33.99		●
21	13.22	22.5	24.50		●	53	13.53	21.0	25.35		●
22	13.92	22.5	25.47		●	54	13.58	21.5	29.66		●
23	13.54	22.5	23.78		●	55	13.55	21.5	28.05		●
24	13.45	22.8	22.82		●	56	13.55	21.5	32.38		●
25	13.92	22.9	23.32		●	57	13.57	21.6	28.24		●
26	13.35	23.0	23.17		●	58	13.54	21.3	24.86		●
27	13.25	23.5	24.41		●	59	13.56	21.5	28.82		●
28	13.56	24.0	24.75		●	60	13.57	21.2	28.80		●
29	13.76	23.5	23.92		●	61	13.57	21.5	36.48		●
30	13.23	22.7	24.11		●	62	13.56	22.5	29.54		●
31	13.25	22.5	23.77		●	63	13.39	20.5	28.12		●
32	13.35	22.7	23.86		●	64	13.56	22.0	29.61		●
Σ Voltage 433.35 V						Σ Voltage 433.32 V					
13.54 [V] Target Voltage						13.54 [V] Target Voltage					
0 [A] Current 0.00 [KW] active Power						0 [A] Current 0.00 [KW] active Power					

Options

- UNMS II network management software
- BACnet, PROFIBUS, LONBUS
- Sensors for temperature, humidity, Liquid level, voltage measurement (volts), current measurement (A), etc. Any other analogue sensor can be connected and calibrated as long as its output signal is between 0 - 10V, 4 - 20mA and 0 - 20mA (configurable via jumper).
- fire alarm, smoke detector, glass breakage sensor,
- Vibration sensor, door contact, etc.
- Other alarm contact devices can also be connected.
- actuators such as Flash, alarm buzzer, alarm Horn



Technical Data

power supply	24V (min. 18V, max. 75V DC)
Max. Power consumption	40 watts
Size (W x L x H), weight	483 x 162 x 44mm, 2262 g (483 x 212 x 44mm incl. SM_LOOM) 19,00 x 6,38 x 1,73in, 2262g (19,02 x 8,35 x 1,73in incl. SM_LOOM)
Ethernet	10/ 100Mbit Base-T auto sense
RS-232 interface (Minidin 9-pin)	1
Analog inputs	8
0-10V, 4-20mA, 0-20mA	
digital inputs	8
Relay outputs	8
(Max. 230VAC / 4A or 48VDC / 1A)	
BACS bus connectors	2
USB Serviceport for BACS	1
MODBUS over IP	standard
Status LED's	Backpanel: normal (green), boot/error (rot) Frontpanel: Power (green) BACS Status (green/ yellow), State LED's für In-, Outputs, Alarms
User Guide	Englisch, German
MIB	RFC 1628 and private extesions
operating temperature	0 – 70 °C
storage temperature	0 – 70 °C
Max. Recommended ambient temperature	55 °C
processor	ARM Cortex A8 800 MHz
flash memory	512 MB
random access memory	128 MB DDR3 RAM
humidity	20-95%, not condensing
guarantee	2 years