

Giganet DCIM Main monitoring host for Small Data Centers with UPS monitoring and environment monitoring, is specially designed and developed for data center. It adopts popular 19 inches rack-mounted design style with 220V-240V communication power supply, which is more suitable for the design demands of modern machine room. What is more, it supports 16 channels switch quantity detection, 8 channels analog quantity input and 6 channels de-lay output control, which can satisfy the monitoring demand of small and medium-sized machine room, it is the best choice for building a modern unattended data center.



Giganet DCIM Monitoring for Small Data Centers

Supported UPS Vendors

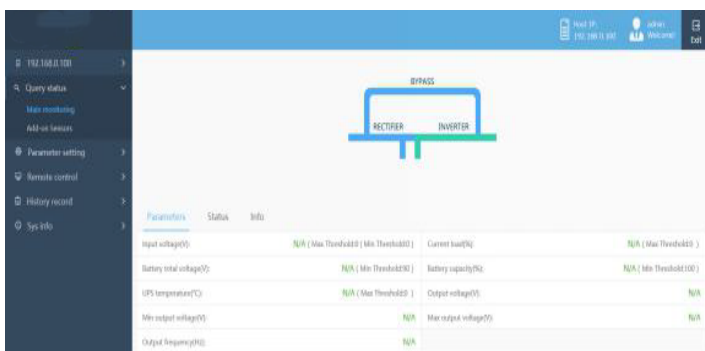


FEATURES

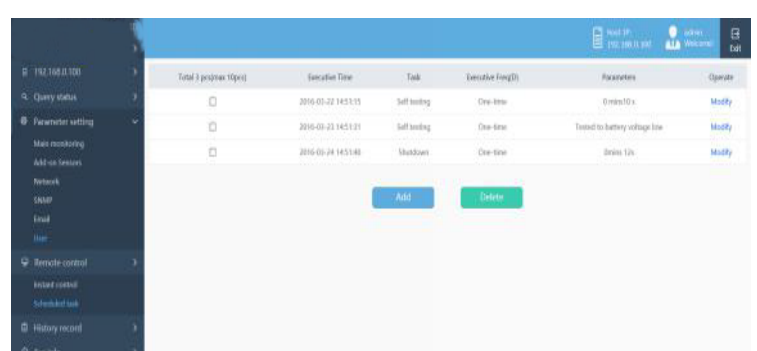
16 digital input terminals (0-5V TTL level); support to add-on dry contact type environment sensor;
8 analog input terminals (0 ~ 5V linear level); support to detect analog quantity such as current, voltage frequency, etc;
5 digital output terminals(12VDC / 1A), can realize the sound-light alarm and other equipment linkage; Support 20 temperature & humidity sensors;
Built-in TCP/IP network function module, support many kinds of network protocol such as like SNMP V1, V2, V3, HTTP, HTTPS, DNS, SMTP, DHCP, SNIP, SSH, SSL;
Support IPV6/IPV4;
Network mode: the LAN which is based on IP, WAN, Internet, ADSL, E1, wireless Ethernet, etc;
Safe and reliable user permission management;
Built-in optimal IP Power communication protocol, guarantee the real-time data acquisition and make full use of bandwidth;
Support multiple configuration management mode such as Telnet, Hyper Terminal, Web browser, etc;
Support task schedule, can set UPS timing open/shutdown, battery timing discharge, etc.
Compatible with multi-brand and multi-type of UPS;
Support history data and history event record;
Built-in system clock, and support auto reset to achieve time synchronization
Support Email alarm;
Optional GSM module, support SMS query and alarm.

Interface

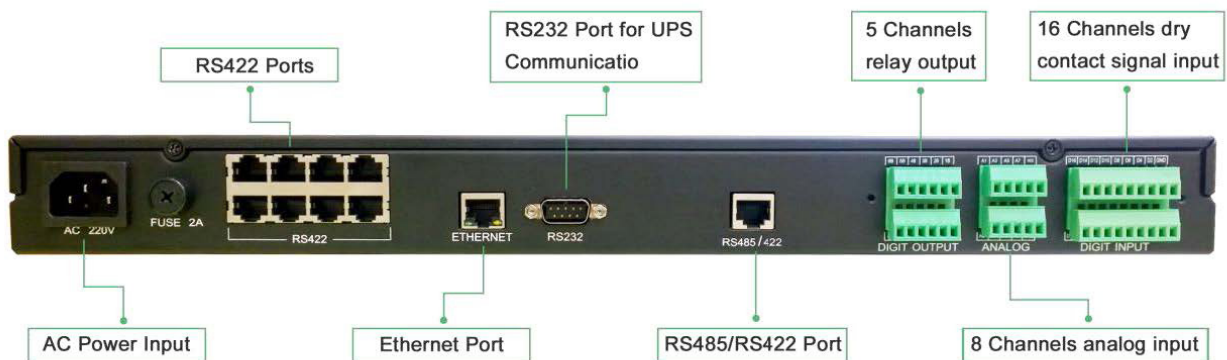
Summary



Task Schedule



Ports



Technical Specifications

CPU	32-bit ARM926EJ-S core 300 MHz high speed processor(CPU)
RAM	64M byte SDRAM
Flash ROM	128M byte and Flash
Network Port	10/100Mbps High-speed Ethernet networks self-adaptive
Mounting Method	2 high-speed asynchronous RS232 serial port, 1 RS232 asynchronous serial port for communicating with UPS; another RS232 serial port for parameter configuration; 1RS422/485 for expanding temperature and humidity monitoring and other intelligent devices.
Output Control	16 digital input terminals (0-5V TTL level); 8 analog input terminals (0 ~ 5V linear level); 5 digitall output terminals (12VDC / 1A); Support 20 temperature & humidity sensor, series connection by RS485/RS422. Browser Support Able to access via Internet Explore, Netscape, Chrome, Firefox, or other compatible
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SNMP	MIB Support RFC1213, RFC1628, PPC MIB.
SNMP Support	SNMP V1.1/V2.0/V3.0
Network Protocol	TCP/IPv4, TCP/IPv6, UDP, SNMP, SSL, Telnet, SNTP, HTTP,HTTPS,SMTP, DHCP,DNS,TFTP,ARP,ICMP, PPP
LED	Indicator PW, M-PW, RUNDEV, PPP, IPP, WEBS, SNMP, EXT, MODEM, LAN 10/100M Link/Active.
Input Power AC	220V-240V/50Hz
Power Consumption	≤12W
Operating Environment Temperature:	0°C ~ 70°C
Humidity:	10 ~ 85%
Other Configuration	Built-in system clock supports auto reset to achieve time synchronization.
Multi-language	Support simplified Chinese, English, and also expand other languages.
Program Update	Network upgrade, tool update
System Security	Provided based on IP filtering mechanism, and system operation, control and management of the user ID and password protection.
Safety Certificate	CE, FCC

Ordering Information

Part Number	Description
GN-DCIM-MAIN-MON	Giganet DCIM Main Monitor for Small Data Centers