

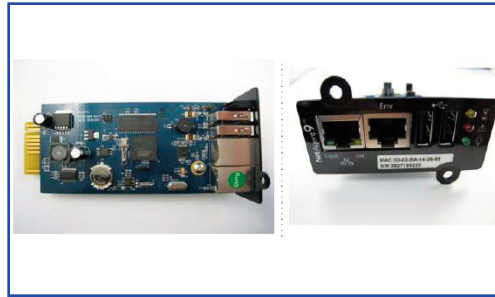


Falcon MEGA SNMP/HTTP Agent

Supports Remote UPS Monitoring & Management

Advanced Features:

- * Remote UPS Monitoring & Management via 10/100 BaseT, GSM/GPRS, 802.11G & RS-232/RS-422/RS-485 & MODBUS
- * Compatible with all Falcon SG, SSG and FN Series™ UPS Models
- * Remote Shutdown Client Software Supplied for Windows, VMware, Mac, FreeBSD, Linux & iM-config for X Windows
- * Internal Web Server
- * Communicate via TCP/IP, HTTP, SNMP, Telnet, UTP, SNTIP & SMS
- * Automatic Notifications via Email or IP Trap Addresses
- * Full Event & History Logging
- * SNMP v3 & OpenSSL, RADIUS Multi-Level Security
- * IPv4 Compliant
- * RFC1628 MIB
- * Compatible with Network Management Software (NMS)
- * Optional Remote Monitoring of Temperature, Humidity, Alarm Contacts, Smoke & Water Leak Detection using NetFeeler II
- * CE & FCC Compliant



Easily Installs Into Most Falcon UPS Models

Falcon Electric's internal MEGA SNMP/HTTP agent facilitates remote UPS monitoring and management over any Ethernet LAN, Enterprise Network or the Internet. Simply install the agent board into the communications option slot of a Falcon SG, SSG or FN Series UPS and connect it to any Ethernet LAN. If a DHCP server is present, an IP address will automatically be assigned and you are ready to go. A static IP address may also be assigned to the agent. Enter the agent's IP address into any network connected web browser and the USHA's internal remote monitoring management website is displayed.

MEGA, The Secure Worldwide Remote UPS Management Solution

The MEGA agent provides the convenience and cost benefits of centralized remote UPS management. Whether your company has ten Falcon UPS units or ten thousand, they can all easily be managed and monitored from a single location on a single workstation.

In addition to the HTTP web interface, the MEGA supports Simple Network Management Protocol (SNMP), allowing the use of any Network Management Software (NMS) with the installation of the supplied RFC1628 compliant MIB software.

The latest SNMP v3 and SSL 2 level security has been incorporated. IPv4 IP addressing is supported.

Your central workstation can be automatically notified of remote site power outages and events by listing management workstation's IP trap addresses or by email.

Safely Shut Down Multiple Servers or Workstations

Shutdown client software is supplied that allows for the orderly remote shutdown of multiple servers or workstations over your network. Just install the client software, set the shutdown delay time and enter the IP address of the controlling UPS's MEGA agent.

Shutdown client software is provided for the following operating systems:

- * **Windows® 9x/NT/2000/XP/2003, Vista, Windows 7 & Server 2008**
- * **VMWare**
- * **MAC OS**
- * **Linux**
- * **FreeBSD**

All shutdown client software is shipped with the MEGA agent board and may be installed on unlimited servers and workstations without any additional licensing costs.

Event & History Data Logging

The MEGA agent board stores power events and other important data in history logs.

Multiple Connectivity Options

The MEGA agent card directly supports connection to 10/100BaseT. Through two onboard USB ports it supports optional communications add-on devices. 802.11G WiFi, GSM/GPRS 900/1800/1900 modem & RS-232 / RS-422 / RS-485/ MODBUS to Ethernet communications are supported.

Unattended Event Scheduling

The MEGA agent board supports the following programmed scheduling:

- * UPS Battery Test Scheduling
- * Weekly UPS Shutdown & Restore Events
- * Special Day UPS Shutdown & Restore Events

Optional Remote Monitoring

An optional NetFeeler II device supports remote temperature, humidity and water measurement. The NetFeeler II module is connected to the MEGA card through an RJ45 connector. The module supports connection of up to two additional sensors. The sensor option consists of magnetic switch contacts and a smoke detector.

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MEGA FUNCTIONS		PARAMETERS	
UPS Monitoring Functions			
UPS Status	On-line Mode, Bypass Mode or Alarm Mode		
UPS Model	Falcon UPS Model Designation		
UPS Firmware Revision	Revision		
UPS Manufacturer	Falcon		
Current Utility Line Voltage	AC Volts		
Minimum Utility Line Voltage, Last 1 Minute	AC Volts		
Minimum Utility Line Voltage, Last 1 Minute	AC Volts		
Current Utility Frequency	Hz		
UPS Output Voltage	AC Volts		
UPS Output Frequency	Hz		
UPS Output Load	% of UPS rated output		
UPS Output VA	VA		
Battery Capacity Remaining	% of battery capacity remaining		
Current UPS Battery Voltage	DC Volts		
UPS Internal Temperature	Degrees (C or F)		
Next Scheduled UPS Off Time	dd/mm/yyyy		
Next Scheduled UPS On Time	dd/mm/yyyy		
UPS Input Voltage Rating	AC Volts		
UPS Output Voltage Rating	AC Volts		
UPS Battery Status	OK or Failed		
Time Since UPS was on Battery Power	Seconds		
Battery Capacity Remaining	%		
Current Battery Voltage Per Cell	DC Volts		
Battery Last Replaced Date	dd/mm/yyyy		
UPS Output Source	Normal, Battery or Bypass		
Last Alarm Condition	Day, month, year, time and description of the alarm condition		
Number of Connected Software Clients	Integer		
UPS Programmable Functions			
UPS Over Temperature Set Point	Set in degrees C or F		
UPS Overload Set Point	Set in % of UPS output capacity		
Last Battery Replace Date	Set dd/mm/yyyy		
UPS Shutdown Delay	Set in seconds		
UPS Shutdown Delay	Set in seconds		
UPS Sleep Time	None, Quick Test, Test Until Low Battery, Timed Test, Cancel Test, Clear Test		
Battery Test Time	Minutes		
Scheduled UPS Battery Test	dd/mm/yyyy and time		
UPS Shutdown Event Triggers	AC Fail, Low Battery, Overload, Over Temperature, Scheduled		
UPS Shutdown Event Trigger Action	Warning Only, Client Shutdown, UPS Shutdown		
Weekly Schedule Setup	Shutdown and Restart Days and Times		
Special Day Schedule Setup	Shutdown and Restart Days and Times		
MEGA Features, Communications Functions & Options			
MEGA System Date	dd/mm/yyyy	System Name	User Text
MEGA System Time	hh:mm:ss	System Contact	User Text
IP Address	IPv4	System Location	User Text
Gateway Address	IPv4	MEGA Polling Rate	Seconds
Subnet Mast	IPv4	MEGA Baud Rate	2400 bps
SSL	v1 and v2		
RADIUS	RADIUS Server Security Support	802.11G Wi-Fi Connectivity	802.11G Wi-Fi Connectivity
Two USB Option Ports	Standard	GSM/GPRS Wireless Connectivity Option	GSM/GPRS Wireless Connectivity Option
OpenSSL	For X Windows (UNIX)	Optional RS-232/RS-422/RS-485 & MODBUS over IP Connectivity	NET101 Option (2 NET101 options required)
VMware	Virtual Server Support	HTTPS and SSH	Secure communications
Telnet Connection	Enable, Disable and TCP Port	SNMP Support	Enable, Disable and UDP Port
HTTP Support	Enable, Disable and TCP Port	SNMP/HTTP Access Control	NMS IP Address, Community and Access Type
Home Page Refresh Rate	Battery, Input, Output, Alarm & Client Groups	Wake On LAN Targets	MAC Address, Repeat and Interval Times
Email Notification	Server, Account, Password, DNS & Time	UPnP Support	Enable or Disable
External Link Setup	Link Address, Text and Enable or Disable	External Temperature, Humidity and Water Monitoring Option	NetFeeler II Option Also supports smoke and contact

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