

Function Introduction

DZ522/DZ522L/DZ622/DZ622L

2024/11/13

The document is a brief introduction about DZ522/DZ522L/DZ622/DZ622L function. For the specific operation, please refer to the product manual, or contact our technical support.

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Chapter1. Introduction

1.1 Features

DZ522/DZ522L/DZ622/DZ622L is the SNMP (Simple Network Management Protocol) card for monitoring UPS. It can remotely control the UPS and get the status of UPS.

DZ522/DZ522L is for “RS232” interface UPS and the communication protocol includes Contact Closure, MegaTec, Phoenixtec, Phoenixtec-2, SEC 2400 (Three Phase), SEC 9600 (Three Phase), Megatec Three Phase (3 in – 3 out / 3 in – 1 out), SENTRY, etc. DZ622/DZ622L is for “USB 2.0 Type-B” interface UPS and the communication protocol includes Contact Closure (USB), MegaTec (USB). DZ522/DZ522L/DZ622/DZ622L provides a simple and easy installation procedure. CD provides along with DZ522/DZ522L/DZ622/DZ622L offers several software to allow the user to configure IP address, central monitoring and multi shutdown on different operating systems. Other advance configurations can accomplish in the Web browser.

Features:

- 1) Provide SNMP MIB to monitor & control UPS.
- 2) SNMP protocol supports v1, v2c, and v3 versions.
- 3) Auto-sense 10M/100M Fast Ethernet, manage and configure via Telnet, Web Browser or NMS.
- 4) Support TCP/IP, UDP, SNMP, Telnet, SSH, SNTP, PPP, HTTP, HTTPS, SMTP, FTP, FTPS, Modbus TCP Protocols, etc.
- 5) Providing easy setup and upgrade tools via our Netility software.
- 6) Send SNMP TRAP, e-mail, SMS and instant messaging App messages (WeChat, LINE, Telegram and Skype) for events notification.
- 7) Auto email daily UPS history report.
- 8) Perform graceful shutdown with our ClientMate software.
- 9) Set up a remote SMS server platform to send SMS notifications.

1.2 Applications

■ DZ522/DZ522L/DZ622/DZ622L allows UPS to be monitor on network.

When the UPS connects with DZ522/DZ522L/DZ622/DZ622L, the system manager could check each UPS condition by a computer with Browser installed. The manager could monitor and control the UPS by simply input the IP address of the DZ522/DZ522L/DZ622/DZ622L, which connects to the UPS. When there is a power abnormal condition happens, the DZ522/DZ522L/DZ622/DZ622L could also send the trap information, email and App messages to the system manager to take proper action.

■ DZ522/DZ522L/DZ622/DZ622L Provides Shutdown Utilities.

When a computer install our shutdown software in the network that connects to the DZ522/DZ522L/DZ622/DZ622L, when UPS is in AC failure condition or Battery Low condition, the software would close all the files of the operating system and shutdown gracefully. This could avoid system corrupt when a power disconnection happened.

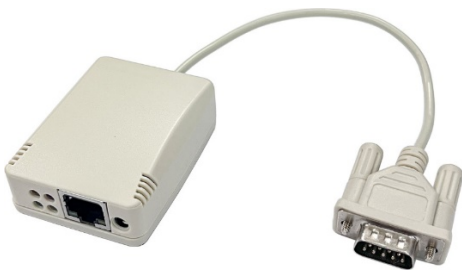
■ DZ522/DZ522L/DZ622/DZ622L can use by third-party monitoring platforms to obtain UPS data

DZ522/DZ522L/DZ622/DZ622L can provide SNMP MIB and support Modbus TCP protocol, giving third-party monitoring platforms the ability to efficiently and accurately obtain UPS status values and alarm information.

1.3 Specifications

CPU		ARM Cortex-A8 32bit
System Clock		300MHz
Flash Memory		128M Byte
SD RAM		128M Byte
LED		6
Watch Dog		YES
Real Time Clock		YES
LAN Interface		10M / 100M UTP
Ethernet Throughput		1620KB per seconds
Ethernet Latency		0.759 milliseconds
EMI		
FCC Class B, CE		
DZ522	<i>Power Supply</i>	POE or standard power adapter
	<i>Weight</i>	68g $\pm$ 2g
	<i>Dimension</i>	63.5mm(L) $\times$ 49mm(W) $\times$ 21.8mm(H)
DZ522L	<i>Weight</i>	65.1g $\pm$ 2g
	<i>Power Supply</i>	Standard power adapter

DZ622	<i>Power Supply</i>	POE or standard power adapter
	<i>Weight</i>	61g $\pm$ 2g
	<i>Dimension</i>	63.5mm(L) $\times$ 49mm(W) $\times$ 21.8mm(H)
DZ622L	<i>Weight</i>	58.1g $\pm$ 2g
	<i>Power Supply</i>	Standard power adapter

DZ522 / DZ522L	DZ622 / DZ622L
	

1.4 Product Comparison

	DZ522	DZ522L	DZ622	DZ622L
<i>UPS interface</i>	RS232		USB Type-B	
<i>Numbers of UPS protocols</i>	14		2	
<i>Power Supply</i>	POE / Standard power adapter	Standard power adapter	POE / Standard power adapter	Standard power adapter

Chapter2. Functional Description

Section1. Web page user interface

■ Information > UPS Status

This page is to show the current UPS connection status in graphic mode with Voltage, Frequency and other information.



■ Information > System Status

➤ System Information

Here shows all the basic information of the DZ522/DZ522L/DZ622/DZ622L such as hardware / firmware version; Serial Number; Uptime...etc.

Information

UPS Status

System Status

Remote Control

Configuration

Log Information

Management

System Information

UPS Information

Network Status

Connections Status

Latest Events

[03:57:29] Connection with time server failed.

[03:34:51] UPS Load Overrun (100%)

[03:34:35] UPS communication has been established.

System Information

Hardware Version	HDZ522	UPS Last Self Test	--
Firmware Version	3.11.DZ520	UPS Next Self Test	--
Serial Number	3926631497	UPS Critical Load	80 %
System Name	UPS Agentppp	UPS Critical Temperature	70.0 °C(158.0 °F)
System Contact	Administrator	UPS Critical Capacity	10 %
Location	My Office		
System Time	2024/11/14 05:39:36		
Uptime	5 day(s) 15:43:15		
Warning will be initiated 10 minute(s) before Scheduled Shutdown Event			
Send Email for Daily Report (No)			

Information

UPS Status

System Status

Remote Control

Configuration

Log Information

Management

System Information

UPS Information

Network Status

Connections Status

Latest Events

[10:06:30] WeChat has been sent.

[14:01:25] Connection with time server failed.

[06:54:52] Connection with time server failed.

System Information

Hardware Version	HDZ620	UPS Last Self Test	--
Firmware Version	3.11.DZ620	UPS Next Self Test	--
Serial Number	3926631707	UPS Critical Load	80 %
System Name	UPS Agentpoe	UPS Critical Temperature	70.0 °C(158.0 °F)
System Contact	Administrator	UPS Critical Capacity	10 %
Location	My Office		
System Time	2024/11/14 05:40:34		
Uptime	119 day(s) 01:11:04		
Warning will be initiated 10 minute(s) before Scheduled Shutdown Event			
Send Email for Daily Report (No)			

➤ UPS Information

This page shows UPS information/Battery Information/Rating Information. The data obtains from the reply of UPS or the settings from [UPS Configuration] webpage.

Information

UPS Status

System Status

Remote Control

Configuration

Log Information

Management

System Information

UPS Information

Network Status

Connections Status

Latest Events

[03:57:29] Connection with time server failed.

[03:34:51] UPS Load Overrun (100%)

[03:34:35] UPS communication has been established.

UPS Information

UPS Manufacturer	Megatec_UPS
UPS Firmware Version	XX3007BZ
UPS Model	Demo_UPS

Battery Information

Date of last battery replacement	
Number of Batteries	2
Battery Charge Voltage	2.267 V

Rating Information

Voltage Rating	220.0 V
Frequency Rating	50.0 Hz
Battery Voltage Rating	24.01 V

➤ Connection Status

This page shows the status changes of each communication channel of DZ522/DZ522L/DZ622/DZ622L.

The screenshot displays the NetAgent 9 web interface. The top navigation bar includes 'Information', 'UPS Status', 'System Status', 'Remote Control', 'Configuration', 'Log Information', and 'Management'. The 'Connections Status' tab is selected, showing a list of communication channels and their status changes.

Latest Events

- [03:57:29] Connection with time server failed.
- [03:34:51] UPS Load Overrun (100%)
- [03:34:35] UPS communication has been established.

System Information | **UPS Information** | **Network Status** | **Connections Status**

HTTP/HTTPS

- [2024/11/14 05:16:20] ::ffff:192.168.5.46 login
- [2024/11/14 04:46:22] ::ffff:192.168.5.46 logout
- [2024/11/14 04:45:36] ::ffff:192.168.5.46 login
- [2024/11/14 04:45:22] ::ffff:192.168.5.46 logout
- [2024/11/14 04:44:36] ::ffff:192.168.5.46 login
- [2024/11/14 04:44:22] ::ffff:192.168.5.46 logout
- [2024/11/14 04:43:36] ::ffff:192.168.5.46 login
- [2024/11/14 04:43:22] ::ffff:192.168.5.46 logout
- [2024/11/14 04:42:36] ::ffff:192.168.5.46 login
- [2024/11/14 04:42:22] ::ffff:192.168.5.46 logout

TELNET/SSH

- [2024/11/14 05:48:19] ::ffff:192.168.5.46 logout
- [2024/11/14 05:48:16] ::ffff:192.168.5.46 login

FTP/FTPS

- [2024/11/14 05:48:01] 192.168.5.46 logout
- [2024/11/14 05:47:38] 192.168.5.46 login

Modbus

- [2024/11/14 05:49:21] ::ffff:192.168.5.46 logout
- [2024/11/14 05:49:11] ::ffff:192.168.5.46 login

SNMP

- [2024/11/14 05:49:43] UDP: [192.168.5.46]:57110 GetBulk .1.3.6.1.4.1.935.1.1.1.8.6.2.0
- [2024/11/14 05:49:42] UDP: [192.168.5.46]:57110 GetBulk .1.3.6.1.4.1.935.1.1.1.8.4.3.0
- [2024/11/14 05:49:42] UDP: [192.168.5.46]:57110 GetBulk .1.3.6.1.4.1.935.1.1.1.8.2.4.0
- [2024/11/14 05:49:41] UDP: [192.168.5.46]:57110 GetBulk .1.3.6.1.4.1.935.1.1.1.7.2.7.0
- [2024/11/14 05:49:41] UDP: [192.168.5.46]:57110 GetBulk .1.3.6.1.4.1.935.1.1.1.6.2.3.0
- [2024/11/14 05:49:41] UDP: [192.168.5.46]:57110 GetBulk .1.3.6.1.4.1.935.1.1.1.5.2.6.0
- [2024/11/14 05:49:41] UDP: [192.168.5.46]:57110 GetBulk .1.3.6.1.4.1.935.1.1.1.4.3.4.0

■ Information > Remote Control

This page allows user through the network to control UPS remotely.
(Note: Different UPS protocol, allowing operations may be different.)

NetAgent 9

Latest Events
[03:57:29] Connection with time server failed.
[03:34:51] UPS Load Overrun (100%)
[03:34:35] UPS communication has been established.

Information
UPS Status
System Status
Remote Control
Configuration
Log Information
Management

Remote Control

UPS Testing

- ☒ 10-Second Test
- ☐ Deep Battery Test for 10 minute(s)
- ☐ Test until battery capacity below 10 %
- ☐ Test Until Battery Low
- ☐ Cancel Test

Miscellaneous

- ☐ Turn off UPS when AC power Fails
- ☐ Put UPS in Sleep mode for 60 minute(s)
- ☐ Wake up UPS
- ☐ Reboot UPS
- ☐ UPS Buzzer On/Off

Apply Reset

■ Configuration > UPS Configuration

This page is to set some general settings of UPS, test UPS setting and alarm value setting etc.

NetAgent 9

Information

Configuration

UPS Configuration

UPS On/Off Schedule

Network

SNMP

+ Notification

Web/Telnet/FTP

System

Log Information

Management

Latest Events

[03:57:29] Connection with time server failed.
[03:34:51] UPS Load Overrun (100%)
[03:34:35] UPS communication has been established.

UPS Properties

Test Log

Warning Threshold Value

UPS Communication Type

MegaTec

Number of Batteries

2

Battery Full Charge Voltage (V)

2.267

Battery Exhausted Charge Voltage (V)

1.667

Date of Last Battery Replacement (MM/dd/yyyy)

Apply

Reset

NetAgent 9

Information

Configuration

UPS Configuration

UPS On/Off Schedule

Network

SNMP

+ Notification

Web/Telnet/FTP

System

Log Information

Management

Latest Events

[10:06:30] WeChat has been sent.
[14:01:25] Connection with time server failed.
[06:54:52] Connection with time server failed.

UPS Properties

Test Log

Warning Threshold Value

UPS Communication Type

MegaTec (USB)

Number of Batteries

2

Battery Full Charge Voltage (V)

2.267

Battery Exhausted Charge Voltage (V)

1.667

Date of Last Battery Replacement (MM/dd/yyyy)

Apply

Reset

NetAgent 9

Information

Configuration

UPS Configuration

UPS On/Off Schedule

Network

SNMP

+ Notification

Web/Telnet/FTP

System

Log Information

Management

Latest Events

[03:57:29] Connection with time server failed.
[03:34:51] UPS Load Overrun (100%)
[03:34:35] UPS communication has been established.

UPS Properties

Test Log

Warning Threshold Value

Test UPS

Test UPS every

Quarter

Test UPS on Day

Jan./Apr./July/Oct.

1

Start Time of UPS Test (HH:mm) (24-hour time format)

08:00

UPS Test Type

Deep battery test until pre-set schedule

10

minute(s)

UPS Recorder

UPS Data Log

1

minute(s) (0 = Stop Recording)

Apply

Reset



Latest Events

[03:57:29] Connection with time server failed.
[03:34:51] UPS Load Overrun (100%)
[03:34:35] UPS communication has been established.



Information

Configuration

UPS Configuration

UPS On/Off Schedule

Network

SNMP

+ Notification

Web/Telnet/FTP

System



Log Information

Management

UPS Properties

Test Log

Warning Threshold Value



Time out after loss of connection

30 seconds

Critical Load (%)

80

Critical Temperature

70.0 °C

Critical Capacity (%)

10

Apply

Reset

■ Configuration > UPS On/Off Schedule

This page is to set UPS ON/OFF, Weekly and Date schedule.

NetAgent 9

Latest Events

[06:00:02] UPS enter Sleep Mode. Power will be cut off
[03:57:29] Connection with time server failed.
[03:34:51] UPS Load Overrun (100%)

Information

Configuration

UPS Configuration

UPS On/Off Schedule

Network

SNMP

+ Notification

Web/Telnet/FTP

System

Log Information

Management

UPS Action

Remote Shutdown

Weekly Schedule

Date Schedule

Wake On Lan

During [00:00] - [23:59], If [UPS Load Overrun] occur, then [turn off UPS] after [1] minutes.

AddReset

No.	During Time Interval(HH:mm)	Event	Device	Delay Time	[Delete]
1	00:00 - 23:59	UPS Load Overrun	UPS	1	☐
2	07:00 - 17:40	UPS Battery Low	host1()	1	☐
3	00:00 - 23:59	Battery Capacity Underrun	host3()	5	☐

Apply

NetAgent 9

Latest Events

[06:00:02] UPS enter Sleep Mode. Power will be cut off
[03:57:29] Connection with time server failed.
[03:34:51] UPS Load Overrun (100%)

Information

Configuration

UPS Configuration

UPS On/Off Schedule

Network

SNMP

+ Notification

Web/Telnet/FTP

System

Log Information

Management

UPS Action

Remote Shutdown

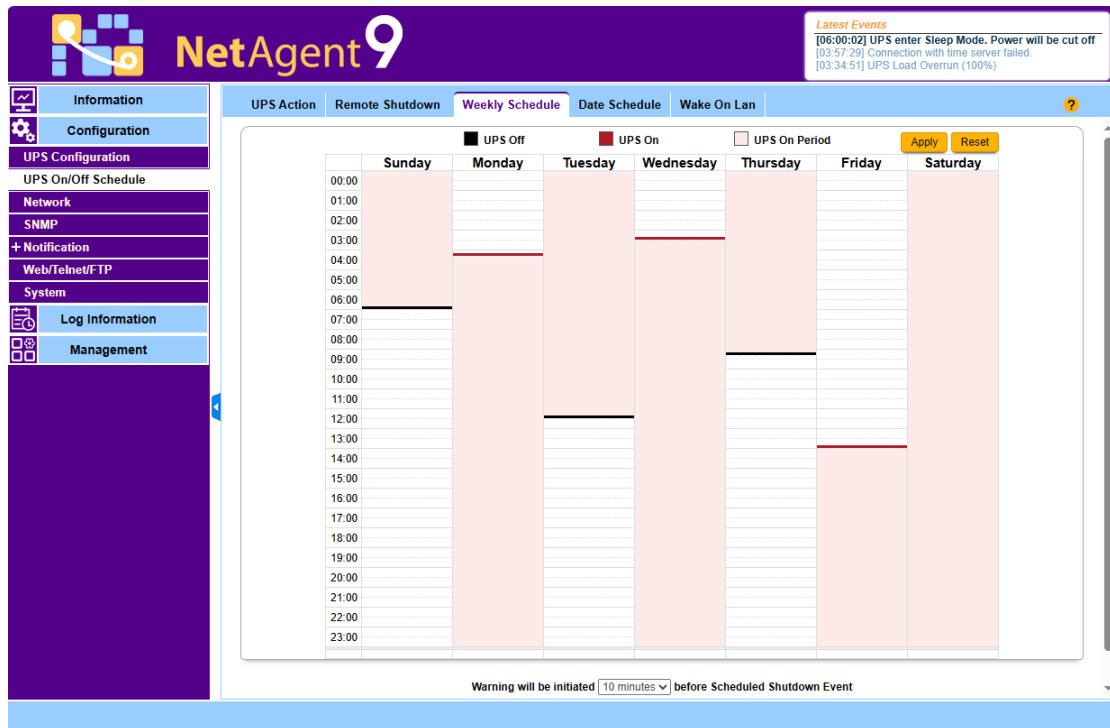
Weekly Schedule

Date Schedule

Wake On Lan

	Domain Name / IP	Login Mode	Port	User Name	Password	Shutdown Commands	
Host1	192.168.5.46	SSH	22	admin	*****	shutdown -s -t 30	Test
Host2		SSH	22			halt	Test
Host3		SSH	22			halt	Test
Host4		SSH	22			halt	Test
Host5		SSH	22			halt	Test
Host6		SSH	22			halt	Test
Host7		SSH	22			halt	Test
Host8		SSH	22			halt	Test

ApplyReset



■ Configuration > Network

This page is to set DZ522/DZ522L/DZ622/DZ622L network settings.
Support IPv4, IPv6 and PPPoE.



NetAgent9

Latest Events

[06:00:02] UPS enter Sleep Mode. Power will be cut off
[03:57:29] Connection with time server failed.
[03:34:51] UPS Load Overrun (100%)

Information

Configuration

UPS Configuration

UPS On/Off Schedule

Network

SNMP

+ Notification

Web/Telnet/FTP

System

Log Information

Management

IPv4

IPv6

Ethernet

Dynamic DNS

PPPoE

IP Address

IP Address192.168.5.190

Subnet Mask255.255.255.0

Gateway192.168.5.2

Obtain an IP address *Using DHCP

DNS Server IP

Primary DNS Server IP202.96.128.86

Secondary DNS Server IP8.8.8.8

Obtain DNS Server IPAutomatically

* : System will reboot when these items have been Applied.

Apply

Reset



NetAgent9

Latest Events

[06:00:02] UPS enter Sleep Mode. Power will be cut off
[03:57:29] Connection with time server failed.
[03:34:51] UPS Load Overrun (100%)

Information

Configuration

UPS Configuration

UPS On/Off Schedule

Network

SNMP

+ Notification

Web/Telnet/FTP

System

Log Information

Management

IPv4

IPv6

Ethernet

Dynamic DNS

PPPoE

IP Address

IP Address

IPv6 Prefix64

Gateway

Obtain an address *Automatic

Router Discovery AutorespondYes

Maximum Number of IPv6 Prefix8

Multicast Address[FF1E::1] : 5000

DNS Server IP

Primary DNS Server

Secondary DNS Server

* : System will reboot when these items have been Applied.

Apply

Reset



NetAgent9

Latest Events

[06:00:02] UPS enter Sleep Mode. Power will be cut off
[03:57:29] Connection with time server failed.
[03:34:51] UPS Load Overrun (100%)

Information

Configuration

UPS Configuration

UPS On/Off Schedule

Network

SNMP

+ Notification

Web/Telnet/FTP

System

Log Information

Management

IPv4

IPv6

Ethernet

Dynamic DNS

PPPoE

Connection TypeAuto Sense

Stop UPS communication when Ethernet disconnectedNo

Modbus on TCP Device ID *1 (-1 = Out of service)

* : System will reboot when these items have been Applied.

Apply

Reset

■ Configuration > SNMP

This page is to set DZ522/DZ522L/DZ622/DZ622L SNMP settings.
Support SNMP V1, V2C and V3; TRAP support SNMPv1 Trap, SNMPv2 Trap, SNMPv2 Inform, SNMPv3 Trap, SNMPv3 Inform.

NetAgent 9

Latest Events

[06:00:02] UPS enter Sleep Mode. Power will be cut off
[03:57:29] Connection with time server failed.
[03:34:51] UPS Load Overrun (100%)

Information

Configuration

UPS Configuration

UPS On/Off Schedule

Network

SNMP

+ Notification

Web/Telnet/FTP

System

Log Information

Management

General

Access Control

Trap Notification

Device Connected

Manager IP Address

Version

Community

Permission

Description

V3

public

Read/Write

User Name

admin

Auth. Protocol

SHA512

Privacy Protocol

AES-256

Auth. Password

Privacy Password

All

>>

public

No Access

All

>>

public

No Access

All

>>

public

No Access

All

>>

public

No Access

All

>>

public

No Access

All

>>

public

No Access

All

>>

public

No Access

Apply

Reset

NetAgent 9

Latest Events

[06:00:02] UPS enter Sleep Mode. Power will be cut off
[03:57:29] Connection with time server failed.
[03:34:51] UPS Load Overrun (100%)

Information

Configuration

UPS Configuration

UPS On/Off Schedule

Network

SNMP

+ Notification

Web/Telnet/FTP

System

Log Information

Management

General

Access Control

Trap Notification

Device Connected

Trap Notification

Destination IP

Accept

Community

Trap Type

Severity

Description

Events

192.168.5.46

SNMPv3 Trap

public

PPC

Information

Select

Test

User Name

admin

Auth. Protocol

SHA512

Auth. Password

Privacy Protocol

AES-256

Privacy Password

SNMPv3 Inform

>>

public

PPC

Information

Select

Test

SNMPv2 Trap

public

PPC

Information

Select

Test

192.168.5.153

SNMPv1 Trap

public

PPC

Information

Select

Test

No

public

PPC

Information

Select

Test

No

public

PPC

Information

Select

Test

No

public

PPC

Information

Select

Test

No

public

PPC

Information

Select

Test

No

public

PPC

Information

Select

Test

Send Power Restore and Adapter Restore Traps for

0

time(s) in

0

second(s) interval.

SNMP Inform Request

Number of Retries

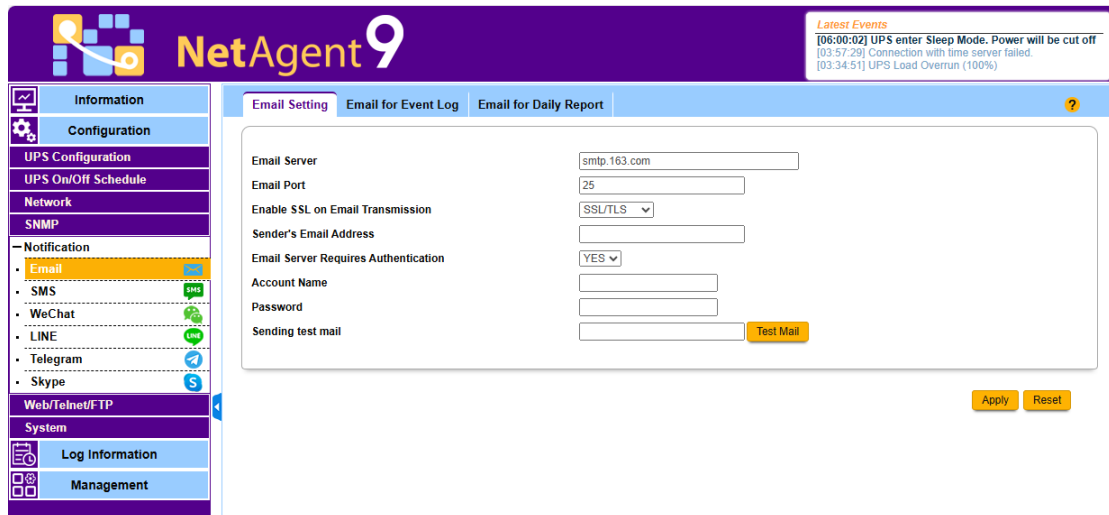
3

Timeout (sec)

5

■ Configuration > Notification

This page is to set DZ522/DZ522L/DZ622/DZ622L Email settings, SMS settings, WeChat Settings, LINE settings, Telegram settings and Skype settings.



The screenshot shows the NetAgent 9 web interface. The left sidebar contains a menu with categories: Information, Configuration, and Notification. Under Configuration, there are links for UPS Configuration, UPS On/Off Schedule, Network, and SNMP. Under Notification, there are links for Email, SMS, WeChat, LINE, Telegram, and Skype. The main content area is titled 'Email Setting' and includes tabs for 'Email for Event Log' and 'Email for Daily Report'. The form contains fields for Email Server (smtp.163.com), Email Port (25), Enable SSL on Email Transmission (SSL/TLS), Sender's Email Address, Email Server Requires Authentication (YES), Account Name, Password, and a Sending test mail button. There are also Apply and Reset buttons at the bottom right. A Latest Events box in the top right corner displays event logs.

NetAgent 9

Latest Events
[06:00:02] UPS enter Sleep Mode. Power will be cut off
[03:57:29] Connection with time server failed.
[03:34:51] UPS Load Overrun (100%)

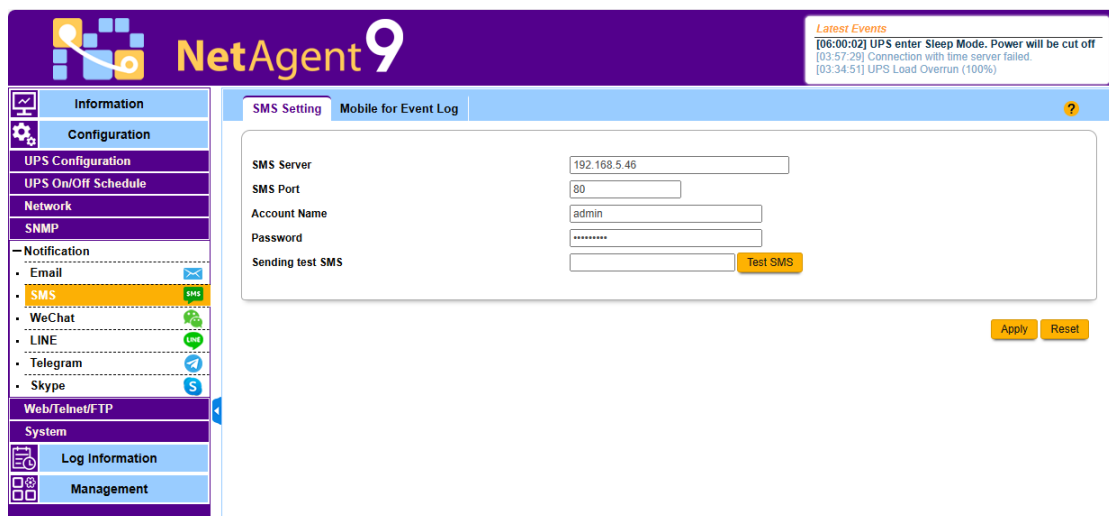
Configuration

- UPS Configuration
- UPS On/Off Schedule
- Network
- SNMP
- Notification
 - Email**
 - SMS
 - WeChat
 - LINE
 - Telegram
 - Skype
- Web/Telnet/FTP
- System
 - Log Information
 - Management

Email Setting | Email for Event Log | Email for Daily Report

Email Server: smtp.163.com
Email Port: 25
Enable SSL on Email Transmission: SSL/TLS
Sender's Email Address:
Email Server Requires Authentication: YES
Account Name:
Password:
Sending test mail:
Test Mail

Apply Reset



The screenshot shows the NetAgent 9 web interface. The left sidebar contains a menu with categories: Information, Configuration, and Notification. Under Configuration, there are links for UPS Configuration, UPS On/Off Schedule, Network, and SNMP. Under Notification, there are links for Email, SMS, WeChat, LINE, Telegram, and Skype. The main content area is titled 'SMS Setting' and includes tabs for 'Mobile for Event Log'. The form contains fields for SMS Server (192.168.5.46), SMS Port (80), Account Name (admin), Password (*****), and a Sending test SMS button. There are also Apply and Reset buttons at the bottom right. A Latest Events box in the top right corner displays event logs.

NetAgent 9

Latest Events
[06:00:02] UPS enter Sleep Mode. Power will be cut off
[03:57:29] Connection with time server failed.
[03:34:51] UPS Load Overrun (100%)

Configuration

- UPS Configuration
- UPS On/Off Schedule
- Network
- SNMP
- Notification
 - Email
 - SMS**
 - WeChat
 - LINE
 - Telegram
 - Skype
- Web/Telnet/FTP
- System
 - Log Information
 - Management

SMS Setting | Mobile for Event Log

SMS Server: 192.168.5.46
SMS Port: 80
Account Name: admin
Password: *****
Sending test SMS:
Test SMS

Apply Reset

NetAgent9

Latest Events

[06:00:02] UPS enter Sleep Mode. Power will be cut off
[03:57:29] Connection with time server failed.
[03:34:51] UPS Load Overrun (100%)

Information

Configuration

UPS Configuration

UPS On/Off Schedule

Network

SNMP

Notification

• Email

• SMS

• WeChat

• LINE

• Telegram

• Skype

Web/Telnet/FTP

System

Log Information

Management

NetAgent WeChat

WeChat for Event Log

Corporation WeChat Settings

Send WeChat Message When Event Occurs

YES ▾

WeChat account 1			Select
WeChat account 2			Select
WeChat account 3			Select
WeChat account 4			Select
WeChat account 5			Select
WeChat account 6			Select
WeChat account 7			Select
WeChat account 8			Select

ApplyReset

NetAgent9

Latest Events

[06:00:02] UPS enter Sleep Mode. Power will be cut off
[03:57:29] Connection with time server failed.
[03:34:51] UPS Load Overrun (100%)

Information

Configuration

UPS Configuration

UPS On/Off Schedule

Network

SNMP

Notification

• Email

• SMS

• WeChat

• LINE

• Telegram

• Skype

Web/Telnet/FTP

System

Log Information

Management

NetAgent LINE

LINE for Event Log

Send LINE Message When Event Occurs

YES ▾

LINE account 1			Select
LINE account 2			Select
LINE account 3			Select
LINE account 4			Select
LINE account 5			Select
LINE account 6			Select
LINE account 7			Select
LINE account 8			Select

ApplyReset

NetAgent9

Latest Events

[06:00:02] UPS enter Sleep Mode. Power will be cut off
[03:57:29] Connection with time server failed.
[03:34:51] UPS Load Overrun (100%)

Information

Configuration

UPS Configuration

UPS On/Off Schedule

Network

SNMP

Notification

• Email

• SMS

• WeChat

• LINE

• Telegram

• Skype

Web/Telnet/FTP

System

Log Information

Management

NetAgent Telegram

Telegram for Event Log

Send Telegram Message When Event Occurs

YES ▾

Telegram ChatID 1			Select
Telegram ChatID 2			Select
Telegram ChatID 3			Select
Telegram ChatID 4			Select
Telegram ChatID 5			Select
Telegram ChatID 6			Select
Telegram ChatID 7			Select
Telegram ChatID 8			Select

ApplyReset



NetAgent 9

Latest Events

[06:00:02] UPS enter Sleep Mode. Power will be cut off
[03:57:29] Connection with time server failed.
[03:34:51] UPS Load Overrun (100%)

- Information
- Configuration
 - UPS Configuration
 - UPS On/Off Schedule
 - Network
 - SNMP
 - Notification
 - Email
 - SMS
 - WeChat
 - LINE
 - Telegram
 - Skype
 - Web/Telnet/FTP
- System
 - Log Information
 - Management

NetAgent Skype

Skype for Event Log



Send Skype Message When Event Occurs

YES

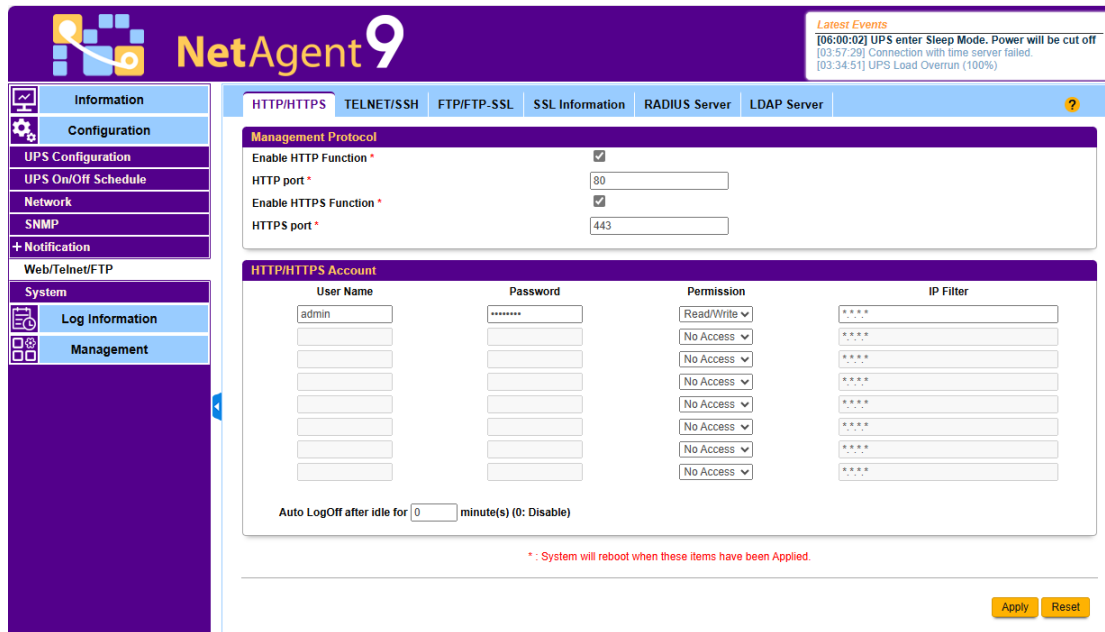
Skype account 1			Select
Skype account 2			Select
Skype account 3			Select
Skype account 4			Select
Skype account 5			Select
Skype account 6			Select
Skype account 7			Select
Skype account 8			Select

Apply Reset

■ Configuration > Web/Telnet/FTP

To set permission for each user account for Web, Telnet and FTP access with up to 8 users. Also to enable/disable specific port for HTTP/HTTPS, Telnet/ SSH and FTP.

In addition, RADIUS and LDAP server related settings could be also set here.



NetAgent9 Latest Events
[06:00:02] UPS enter Sleep Mode. Power will be cut off
[03:57:29] Connection with time server failed.
[03:34:51] UPS Load Overrun (100%)

Information Configuration
UPS Configuration
UPS On/Off Schedule
Network
SNMP
+ Notification
Web/Telnet/FTP
System
Log Information
Management

HTTP/HTTPS TELNET/SSH FTP/FTP-SSL SSL Information RADIUS Server LDAP Server ?

Management Protocol

Enable HTTP Function * ☒
HTTP port * 80
Enable HTTPS Function * ☒
HTTPS port * 443

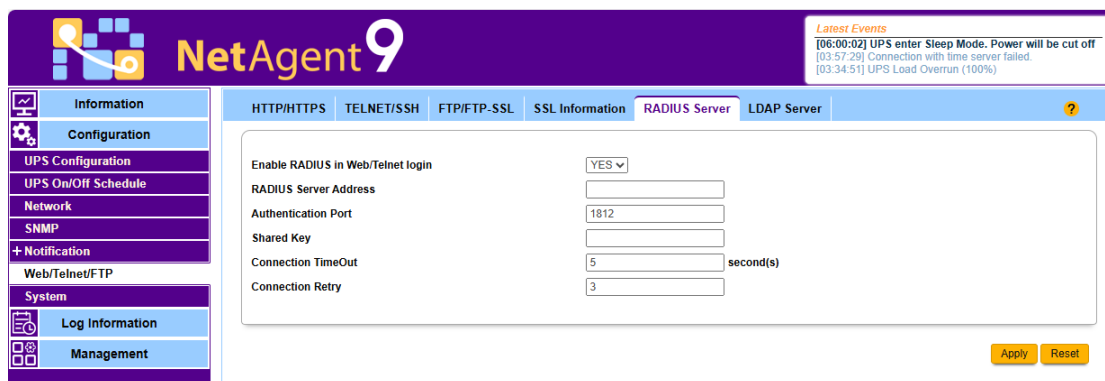
HTTP/HTTPS Account

User Name	Password	Permission	IP Filter
admin	*****	Read/Write	****
		No Access	****
		No Access	****
		No Access	****
		No Access	****
		No Access	****
		No Access	****
		No Access	****

Auto LogOff after idle for 0 minute(s) (0: Disable)

* : System will reboot when these items have been Applied.

Apply Reset



NetAgent9 Latest Events
[06:00:02] UPS enter Sleep Mode. Power will be cut off
[03:57:29] Connection with time server failed.
[03:34:51] UPS Load Overrun (100%)

Information Configuration
UPS Configuration
UPS On/Off Schedule
Network
SNMP
+ Notification
Web/Telnet/FTP
System
Log Information
Management

HTTP/HTTPS TELNET/SSH FTP/FTP-SSL SSL Information RADIUS Server LDAP Server ?

Enable RADIUS in Web/Telnet login YES
RADIUS Server Address
Authentication Port 1812
Shared Key
Connection TimeOut 5 second(s)
Connection Retry 3

Apply Reset



NetAgent 9

Latest Events

[06:00:02] UPS enter Sleep Mode. Power will be cut off
[03:57:29] Connection with time server failed.
[03:34:51] UPS Load Overrun (100%)

- Information
- Configuration
 - UPS Configuration
 - UPS On/Off Schedule
 - Network
 - SNMP
 - + Notification
 - Web/Telnet/FTP
- System
 - Log Information
 - Management

[HTTP/HTTPS](#)[TELNET/SSH](#)[FTP/FTP-SSL](#)[SSL Information](#)[RADIUS Server](#)[LDAP Server](#)

Enable LDAP in Web/Telnet login

YES ▾

LDAP Server Address

Security Connection

☐

Server Port

389

Distinguished Name

User Attribute

uid

Permission Attribute

Permission Read/Write

Permission Read Only

[Apply](#) [Reset](#)

■ Configuration > System

This page is to set DZ522/DZ522L/DZ622/DZ622L system time, language and configuration.

In addition, Syslog-related settings can be set here.

NetAgent 9

Latest Events
[06:00:02] UPS enter Sleep Mode. Power will be cut off
[03:57:29] Connection with time server failed.
[03:34:51] UPS Load Overrun (100%)

Configuration

System Time

System Time (yyyy/MM/dd HH:mm:ss)

Time Between Automatic Updates

Time Server

Time Zone (Relative to GMT)

Using Daylight Saving Time

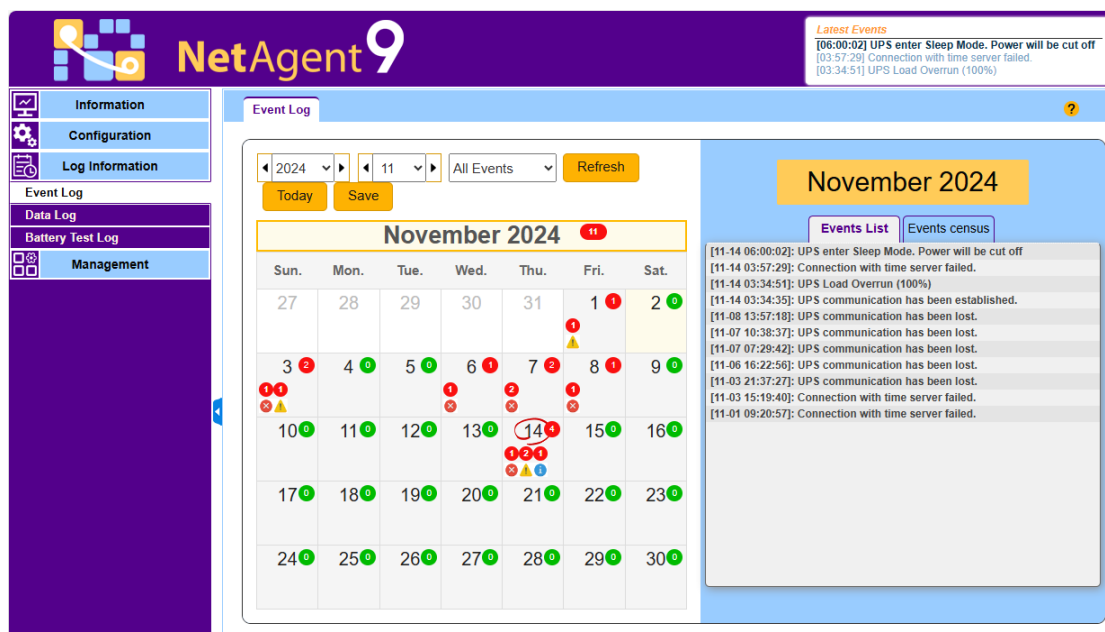
Restart

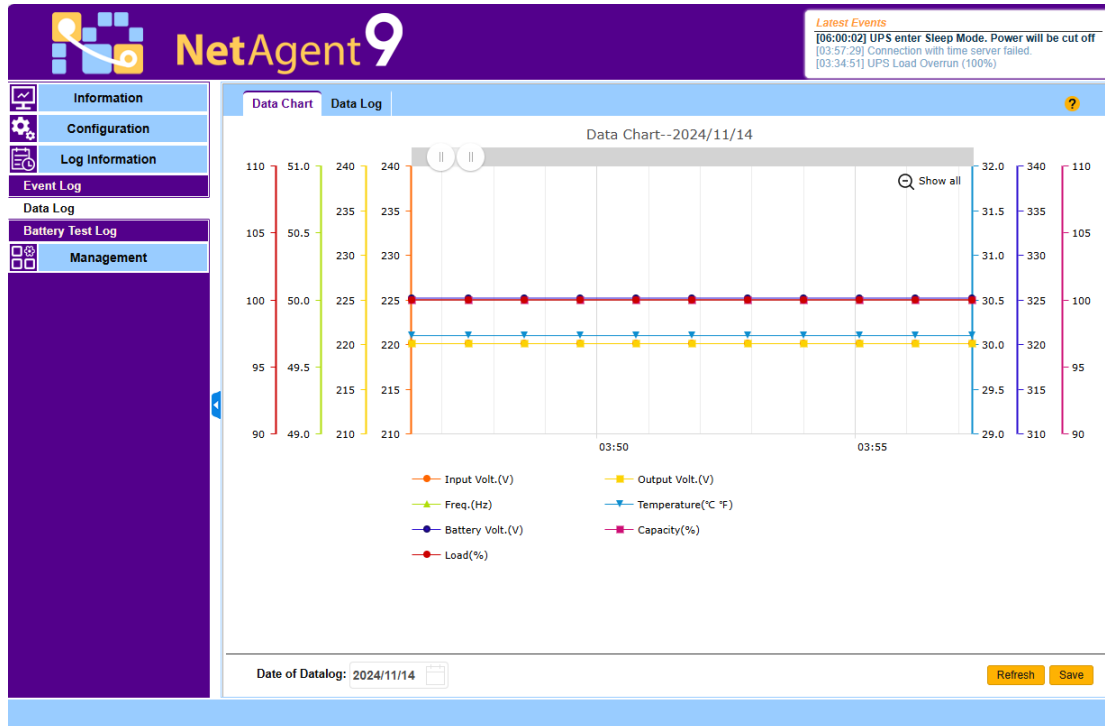
Auto Restart System for Every (0: Disable) (Minute(s))

Manual Restart System After 30 Seconds

■ Log Information

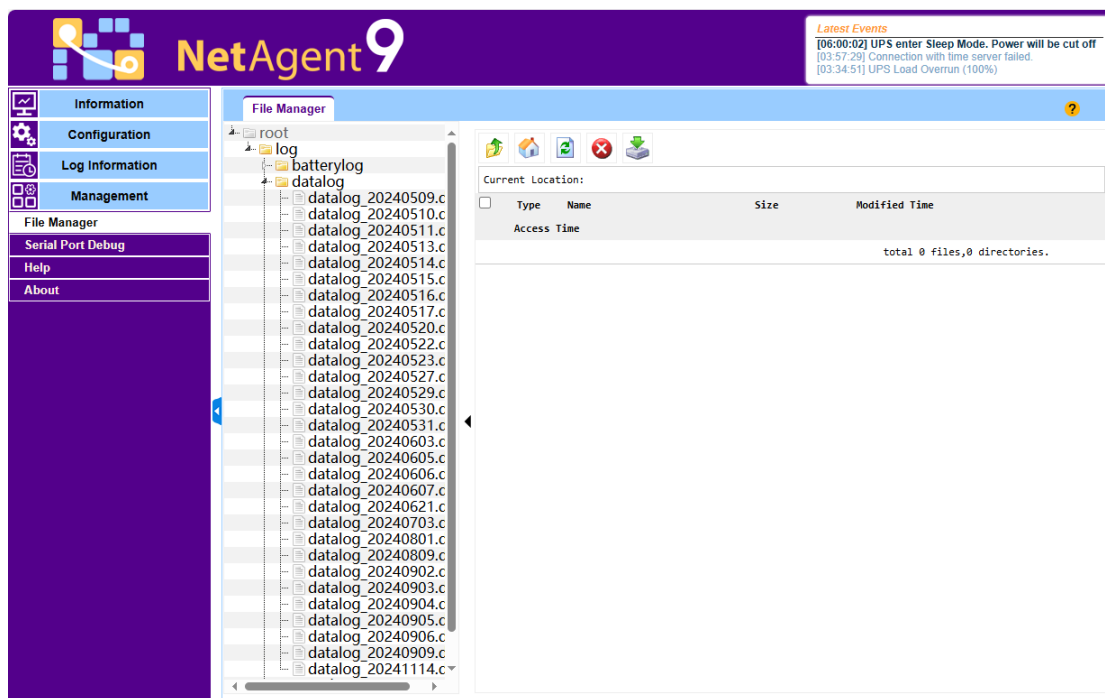
This includes Event Log, Data Log, and Battery Test Log. Log can save as files on the computer.





Management > File Manager

This is manage log file generates by DZ522/DZ522L/DZ622/DZ622L. Specific log.dat can be download, delete. Once dat. file delete, the log record will also erase on the Log display under Log Information.



■ Management > Serial Port Debug

It shows the communication status between DZ522/DZ522L/DZ622/DZ622L and UPS by Sent and Received columns.

The screenshot displays the NetAgent 9 web interface, specifically the 'Serial Port Debug' section. The interface is divided into a left sidebar with navigation links (Information, Configuration, Log Information, Management, File Manager, Serial Port Debug, Help, About) and a main content area. The main area has tabs for 'Debug Information' and 'Port Information'. Under 'Debug Information', there are radio buttons for 'ASCII' (selected) and 'Hexadecimal'. Below these are input fields for 'Send Content' and 'Sent Information', each with a 'Send' button. The 'Received Information' section has a 'Clear' button. The 'Sent Information' log shows a series of commands like 'I\r', 'Q1\r', 'F\r', and 'I\r' with timestamps. The 'Received Information' log shows responses from a UPS, including status messages like '#Megatec UPS Demo UPS XX3007BZ \r' and data strings like '(220.1 190.5 220.1 100 50.0 27.1 30.1 00000000\r'.

NetAgent 9

Latest Events
[06:00:02] UPS enter Sleep Mode. Power will be cut off
[03:57:29] Connection with time server failed.
[03:34:51] UPS Load Overrun (100%)

Serial Port Debug

Debug Information **Port Information**

☒ ASCII ☐ Hexadecimal

Send Content **Send**

Sent Information **Clear**

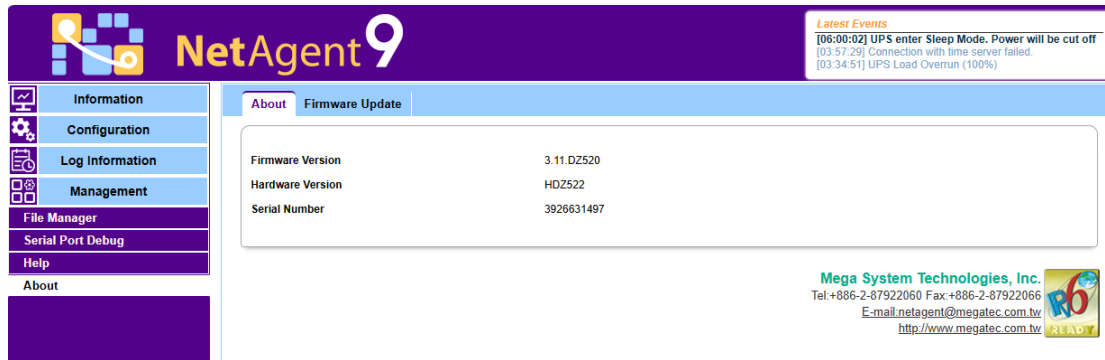
2024/11/14 15:08:29 I\r
2024/11/14 15:08:27 Q1\r
2024/11/14 15:08:27 F\r
2024/11/14 15:08:27 I\r
2024/11/14 15:08:27 Q1\r
2024/11/14 15:08:27 F\r
2024/11/14 15:08:27 I\r
2024/11/14 15:08:27 Q1\r
2024/11/14 15:08:27 F\r
2024/11/14 15:08:27 I\r
2024/11/14 15:08:27 Q1\r

Received Information **Clear**

2024/11/14 15:08:29 #Megatec UPS Demo UPS XX3007BZ \r
2024/11/14 15:08:29 (220.1 190.5 220.1 100 50.0 27.1 30.1 00000000\r
2024/11/14 15:08:27 #220.0 030 24.01 50.0\r
2024/11/14 15:08:27 #Megatec UPS Demo UPS XX3007BZ \r
2024/11/14 15:08:27 (220.1 190.5 220.1 100 50.0 27.1 30.1 00000000\r
2024/11/14 15:08:27 #220.0 030 24.01 50.0\r
2024/11/14 15:08:27 #Megatec UPS Demo UPS XX3007BZ \r
2024/11/14 15:08:27 (220.1 190.5 220.1 100 50.0 27.1 30.1 00000000\r
2024/11/14 15:08:27 #220.0 030 24.01 50.0\r
2024/11/14 15:08:27 #Megatec UPS Demo UPS XX3007BZ \r
2024/11/14 15:08:27 (220.1 190.5 220.1 100 50.0 27.1 30.1 00000000\r

Management > About

It shows DZ522/DZ522L/DZ622/DZ622L hardware/firmware version and serial number, and DZ522/DZ522L/DZ622/DZ622L firmware can upgrade via FTP or webpage here.



NetAgent 9

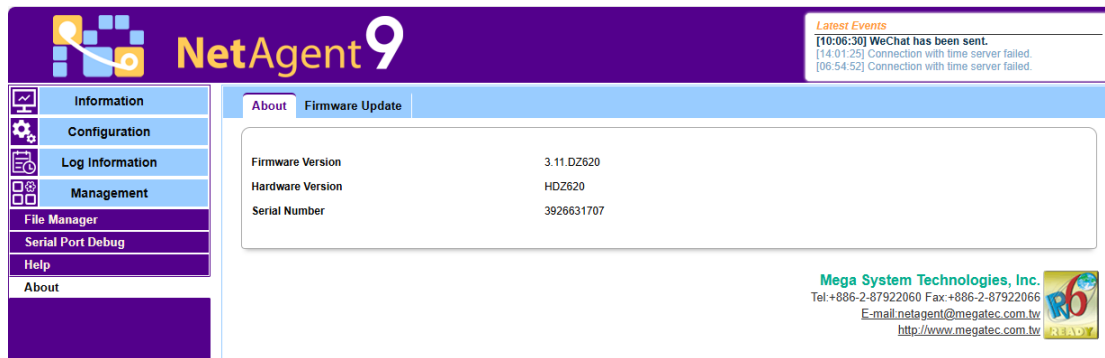
Latest Events

- [06:00:02] UPS enter Sleep Mode. Power will be cut off
- [03:57:29] Connection with time server failed.
- [03:34:51] UPS Load Overrun (100%)

About | Firmware Update

Firmware Version	3.11.DZ520
Hardware Version	HDZ522
Serial Number	3926631497

Mega System Technologies, Inc.
Tel: +886-2-87922060 Fax: +886-2-87922066
E-mail: netagent@megatec.com.tw
<http://www.megatec.com.tw>



NetAgent 9

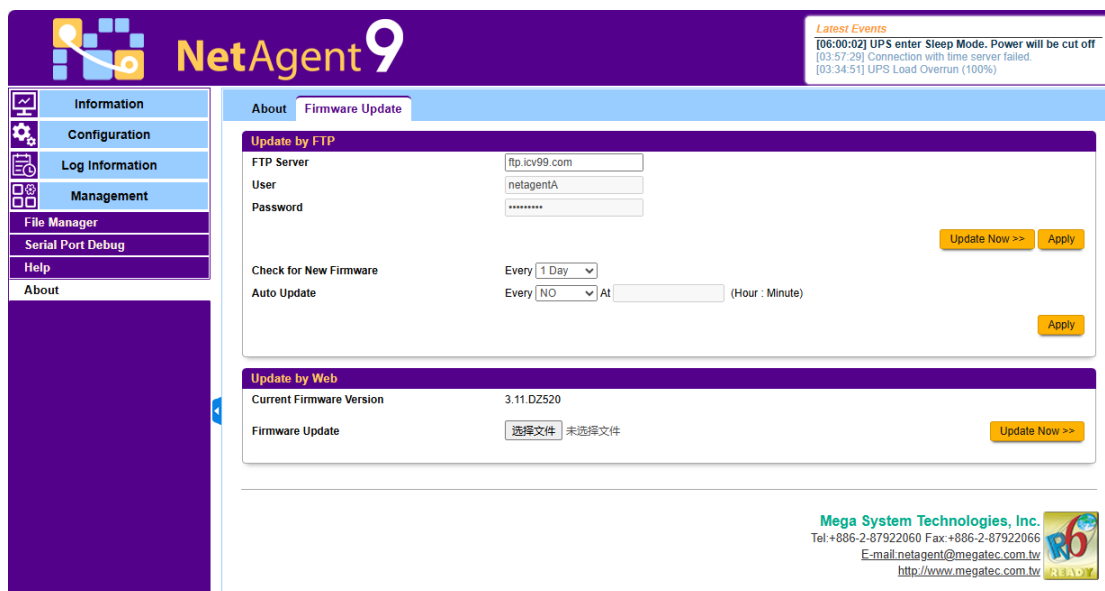
Latest Events

- [10:06:30] WeChat has been sent.
- [14:01:25] Connection with time server failed.
- [06:54:52] Connection with time server failed.

About | Firmware Update

Firmware Version	3.11.DZ620
Hardware Version	HDZ620
Serial Number	3926631707

Mega System Technologies, Inc.
Tel: +886-2-87922060 Fax: +886-2-87922066
E-mail: netagent@megatec.com.tw
<http://www.megatec.com.tw>



NetAgent 9

Latest Events

- [06:00:02] UPS enter Sleep Mode. Power will be cut off
- [03:57:29] Connection with time server failed.
- [03:34:51] UPS Load Overrun (100%)

About | **Firmware Update**

Update by FTP

FTP Server:
User:
Password:

Check for New Firmware: Every
Auto Update: Every At (Hour : Minute)

Update by Web

Current Firmware Version: 3.11.DZ520
Firmware Update: 未选择文件

Mega System Technologies, Inc.
Tel: +886-2-87922060 Fax: +886-2-87922066
E-mail: netagent@megatec.com.tw
<http://www.megatec.com.tw>

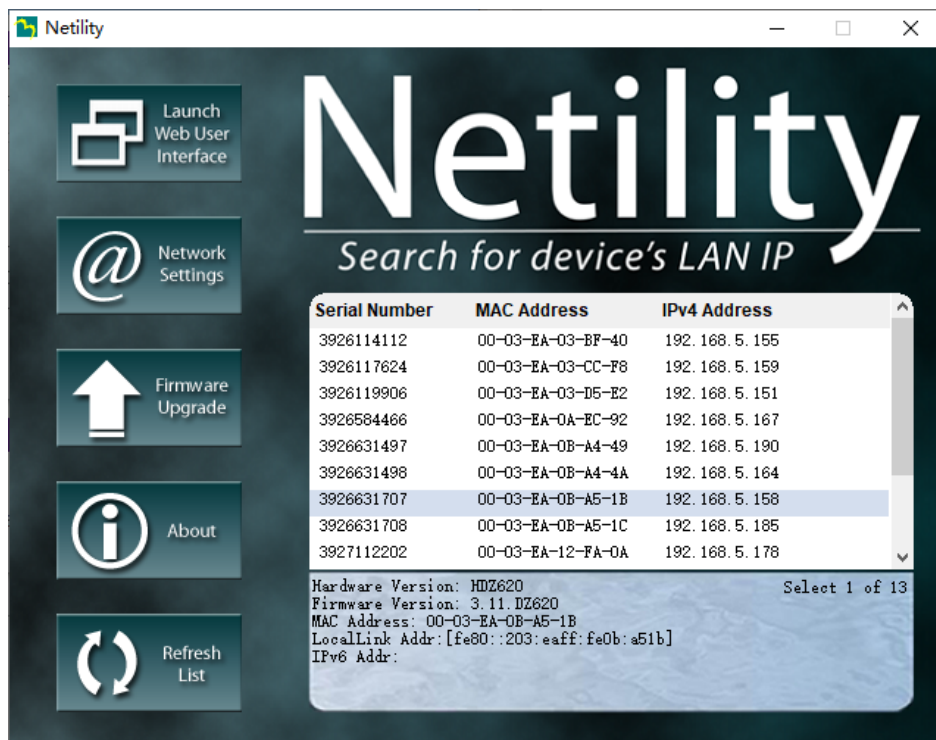
Section2. Free software

2.1 Netility

The software is necessary software to install

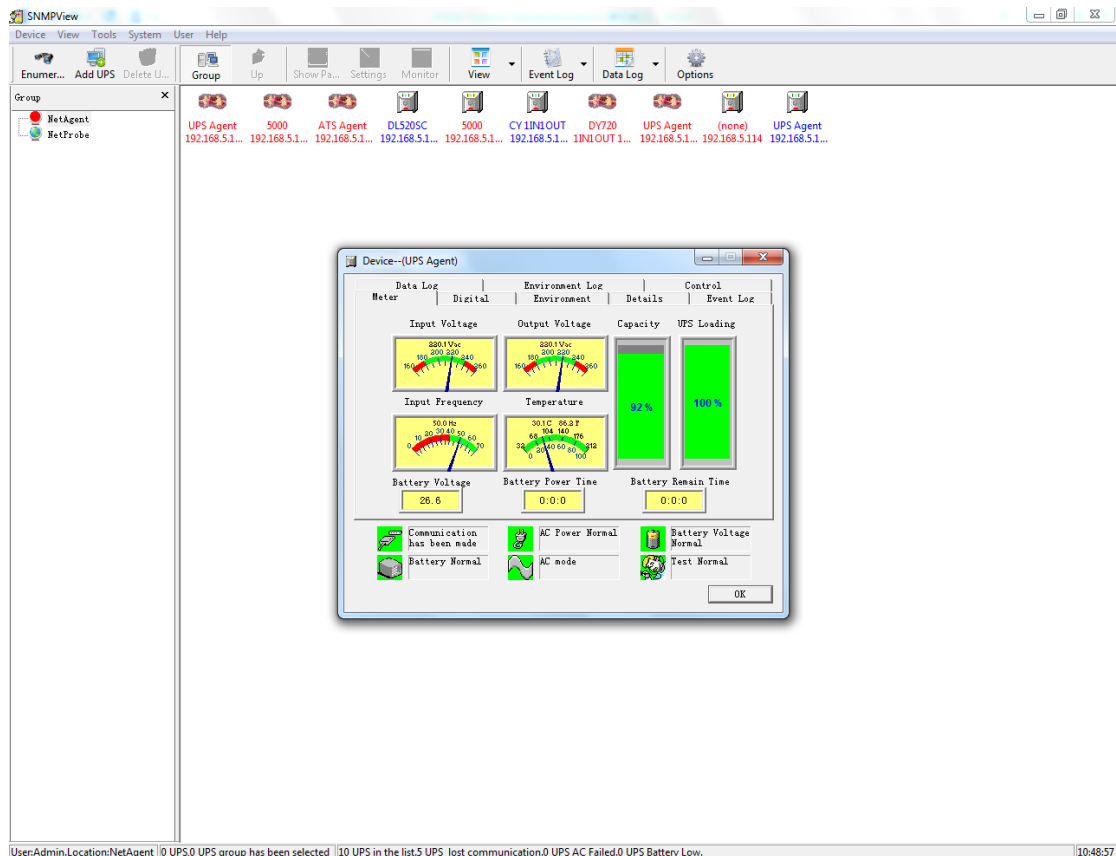
DZ522/DZ522L/DZ622/DZ622L. Netility can set up the

DZ522/DZ522L/DZ622/DZ622L IP address and other network settings.



2.2 SNMPView

The software is centralized monitoring software. The software can send SMS event notification and alarm (required GSM Modem), email alarm and sound alarm etc.



2.3 SMS server

The software uses for Windows. Connect GSM Modem to PC, after the completion of settings; a SMS server platform is finished. DZ522/DZ522L/DZ622/DZ622L can send SMS event notification and alarm by SMS server.

2.4 ClientMate

The software uses for Windows, Linux and MAC. When ClientMate get the power failure signal (AC Fail, Battery Low, Schedule Shutdown) from the DZ522/DZ522L/DZ622/DZ622L, ClientMate will save the files and shutdown the system gracefully.

