

# NETAGENT

## SNMP - ESTERNA



# NetAgent Mini for UPS

## TABLE OF CONTENTS

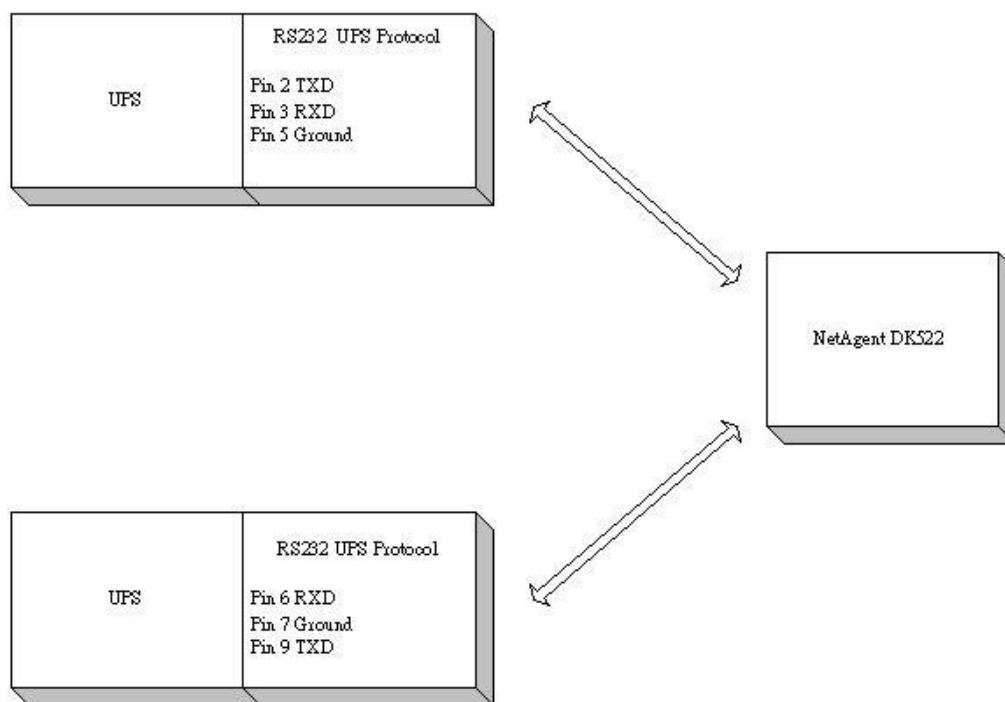
- 1.0 GENERAL DESCRIPTIONS**
- 2.0 SPECIFICATION OF NETAGENT MINI DP522**
  - 2.1 PIN ASSIGNMENT of DP522**
  - 2.2 Power Supply of DP522**
- 3.0 ORDERING INFORMATION**

## 1.0 General Descriptions

- ◆ A Low-cost solution for the UPS to implement the SNMP/Web/TCPIP functions into the UPS.
- ◆ Compact size: 48mm x 63mm x 21mm (Weight:70g)
- ◆ Same functions provided as the NetAgent CN503
- ◆ CPU: ARM 50 MHz Fully 32-bit RISC architecture
- ◆ Flash Memory: 512KB/1MB/2MB/4MB/8MB
- ◆ RAM: 2MB/8MB/16MB
- ◆ LAN interface: 10M/100M UTP Full/Half duplex
- ◆ Serial Port: RS232 port x1
- ◆ Power LED x1
- ◆ Programmable LED x3
- ◆ LAN Status LED x2
- ◆ Hardware Watch Dog (WDT)
- ◆ Power Supply: +4.8V ~ 7V DC, 250mA maximum
- ◆ Operating voltage 3.3 volt
- ◆ LAN Protocol: TCP/IP, SNMP, HTTP Server, SMTP, SNTP, PPP, PPPoE, DHCP, Telnet, Bootp, tftp, DDNS, DNS client ,Ethernet Upgrade firmware
- ◆ Manage and configure via Telnet, Web Browser or NMS/SNMP
- ◆ Easy setup and upgrade firmware via tools – “Netility for Windows”.

## 2.0 Specification of NetAgent Mini DP522

DP522 generate a standard RS232 signal level to communicate with UPS.



Real RS232 signal between UPS and DP522

The DB9 cable of DP522 can connect to real RS232 Protocol directly, only need to set the configuration on the Web.

## 2.1 Pin Assignment of DP522


### Pin Assignment of DP522 Cable (DB9 Male)

Pin	Input/Output	Description
Pin 1 DCD	Output	Provide a +5.5V when connecting to a Smart UPS.
Pin 2 RXD	Input	Data Receive pin of the RS232 port. -3V to -15V for logic '1', +3V to +15V for logic '0' This pin connect to TXD pin of UPS RS232.
Pin 3 TXD	Output	Data Transmit pin of the RS232 port. +5.5V and -5.5V Voltage level for RS232 This pin connect to RXD pin of UPS RS232.
Pin 4 DTR	Output	Provide +5.5V when connecting to a Smart UPS.
Pin 5 GND	Signal GND	Signal Ground pin when connecting to Smart UPS.
Pin 6 DSR	Output	Data Transmit pin of the RS232 port.
Pin 7 RTS	GND	Power Ground pin. Also been used as signal ground pin when connecting to Smart UPS.
Pin 8 CTS	Input	+5volt DC input. The input has been protected from external DC adapter power.
Pin 9 RI	Input	Data Receive pin of the RS232 port.

## **2.2 Power Supply of DP522**

DP522 need an external +6VDC power adapter or a +5 VDC input from Pin 8 (Pin 7 is GND). It's meant no need an external power adapter when UPS provide a +5 VDC (250mA maximum) to Pin 8.

### 3.0 Ordering Information

Order Number	Description	Picture
DP522	NetAgent Mini · DP522 NetAgent Mini Adaptor · +5.3VDC adaptor · Users Manual · NetAgent Utility CD	



# Naicon

UNIT



Diloc



Elsist



Naicon srl Via il Caravaggio, 25 Trecella I 20060 Pozzuolo Martesana - Milano (Italy)  
Tel. +39 02 95.003.1 Fax +39 02 95.003.313 [www.naicon.com](http://www.naicon.com) e-mail: [naicon@naicon.com](mailto:naicon@naicon.com)