

SNMPEXT

Network card DP522



TECHNICAL SPECIFICATION

An SNMP card allows you to monitor the status of your UPS remotely via an IP connection. This allows system administrators to monitor UPS operation from any location, without having to be physically present at the UPS. Various useful functions can be configured to monitor the correct operation of the UPS. The card connects to the RS232 port on the rear panel of the UPS, and using the appropriate software, you can access the web page to monitor the correct operation of the UPS..

1. General Specification

CPU	ARM 50MHz 32bit
System Clock	300MHz
Flash Memory	512KB/1MB/2MB/4MB/8MB
RAM	2MB/8MB/16MB
Watch Dog	Yes
Serial Port	RS232
Environment Port	No
Real Time Clock	No
LCD Display	No
LAN Interface	10M/100M UTP
LAN Protocol:	TCP/IP, SNMP, HTTP Server, SMTP, SNTF, PPP, PPPoE, DHCP, Telnet, Bootp, tftp, DDNS, DNS client ,Ethernet Upgrade firmware

2. Power Specification

ITEM	MINIMUM	MAXIMUM
DC Input Voltage	+4.8Vdc	+7Vdc
DC Input Current		250mA

3. Pin Assignment

PIN	INPUT/OUTPUT	DESCRIPTION
P1 DCD	Output	Provide a +5.5V when connecting to a Smart UPS
P2 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
P3 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
P4 DTR	Output	Provide +5.5V when connecting to a Smart UPS
P5 GND	Signal GND	Signal Ground pin when connecting to Smart UPS
P6 DSR	Output	Data Transmit pin of the RS232 port
P7 RTS	GND	Power Ground pin. Also been used as signal ground pin when connecting to Smart UPS
P8 CTS	Input	+5volt DC input. The input has been protected from external DC adapter power
P9 RI	Input	Data Receive pin of the RS232 port

4. Signal Specification

Receiver Inputs

PARAMETER	CONDITIONS	MIN	TYP	MAX
Input Voltage Range		-25V		+25 V
Input Threshold Low	TA = +25°C	+0.6V	+1.2V	
Input Threshold High	TA = +25°C		+1.5V	+2.4V
Input Hysteresis			0.3 V	
Input Resistance	TA = +25°C	3 kohm	5 kohm	7 kohm

Transmitter Outputs

PARAMETER	CONDITIONS	MIN	TYP	MAX
Output Voltage Swing	All transmitter outputs loaded with 3 kohm to ground	±5.0V	±5.4V	
Output Resistance	TA = +25°C	300	10M	
Output Short-Circuit Current			±35 mA	±60 mA

5. Environment Specification

PARAMETER	CONDITIONS	Minimum	Maximum
Operating Temperature		0 °C	60 °C
Storage Temperature		-40 °C	85 °C
Operating Humidity	Non-Condensing	10% RH	90% RH
Storage Humidity	Non-Condensing	5% RH	95% RH

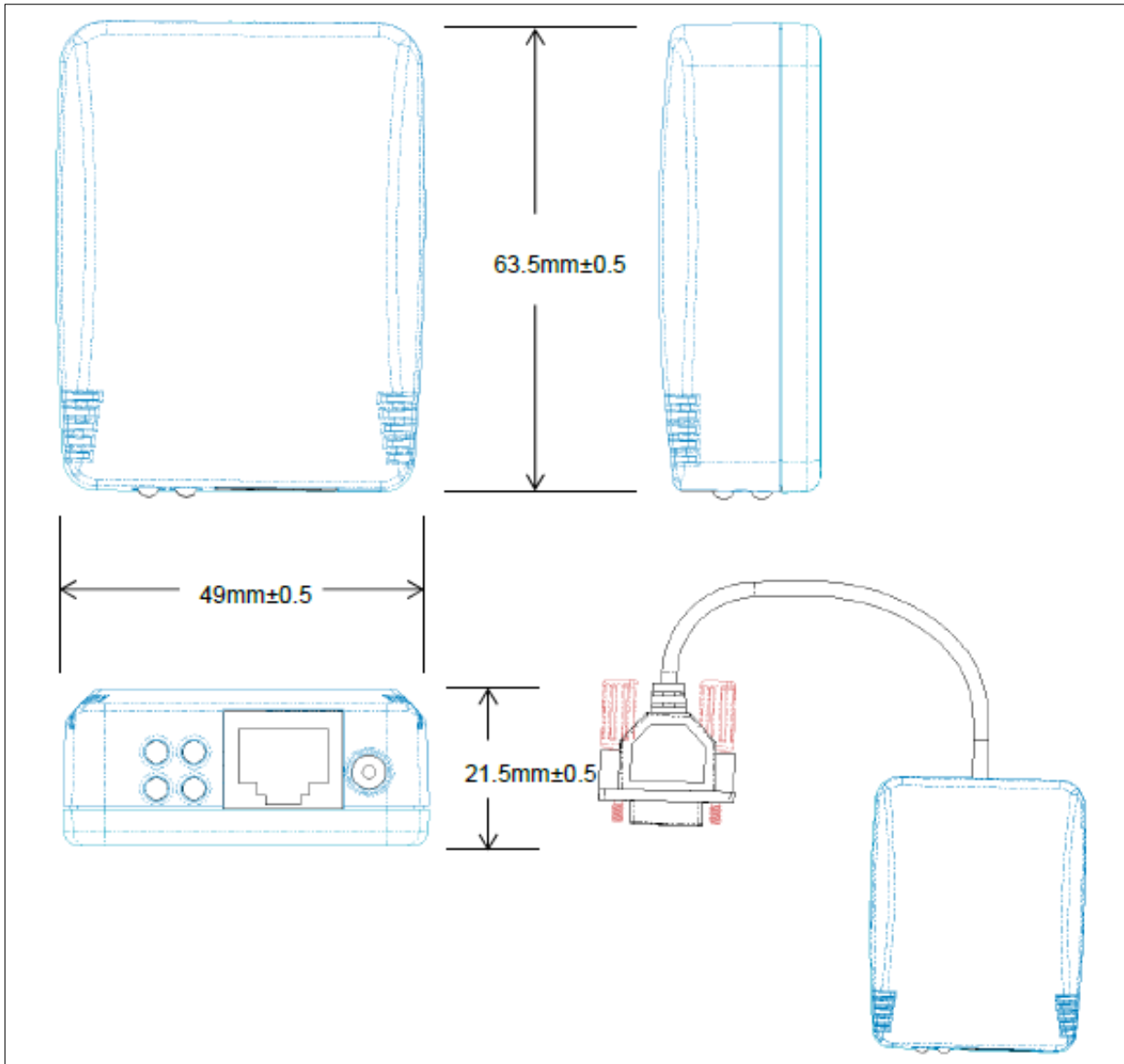
6. AC to DC Adapter

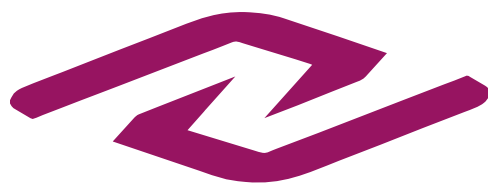
ITEM	MINIMUM	MAXIMUM
AC Input Voltage	100 Vac	240 Vac
AC Input Current		250 mA
AC Input Frequency	50 Hz	60 Hz
Output Voltage	5.03 Vdc	5.56 Vdc
Output Current		1000 mA
Efficiency	60%	

EMI
FCC Class B, CE

7. Dimension and Outlook

Dimension	63.5mm (L) x 49mm (W) x 21.5mm (H)
Weight	67.0g ± 2g
Connector	DB9 Male with 15cm ± 1cm cable





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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 e-mail: naicon@naicon.com

