

SNMP

Network card CZ506



TECHNICAL SPECIFICATION

An SNMP card allows you to monitor the status of the 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. It is possible to configure various useful functions to monitor the correct operation of the UPS. The card is inserted into the appropriate slot on the rear panel of the UPS and, using the appropriate software, it is possible to access the web page to monitor the correct operation of the UPS..

Main Features and Functionalities

CZ506 is the SNMP (Simple Network Management Protocol) card for monitoring UPS. Not only could remote control the UPS and get the current status of it, it is also support to connect to compatible modem to send SMS notification, or our NetFeeler USB and its additional sensors for ambient temperature, humidity and water status. CZ506 is for "RS232" interface UPS and the communication protocol includes MegaTec, Phoenixtec / Phoenixtec-2, SEC 2400 / SEC 2400 Three Phase, SEC 9600 / SEC 9600 Three Phase, and MegaTec Three Phase, etc. CZ506 provides a simple and easy installation procedure. CD provides along with CZ506 offers several software to allow the user to configure IP address, central monitoring and multi shutdown on different operating systems. Other advanced configurations could accomplish in the Web browser.

- Provide SNMP MIB to monitor & control UPS.
- Auto-sense 10M/100M Fast Ethernet, manage and configure via Telnet, Web Browser or NMS.
- Support TCP/IP, UDP, SNMP, Telnet, SSH, SNTP, PPP, HTTP, HTTPS, SMTP, FTP, FTPS, Modbus, Modbus Protocols.
- Providing easy setup and upgrade tools via our Netility software.
- Send SNMP TRAP, e-mail and SMS for events notification.
- Auto email daily UPS history report.
- Perform graceful shutdown with our ClientMate software.
- Add-on optional NetFeeler USB for temperature, humidity, water, smoke and door sensor.
- Add-on optional Wi-Fi dongle for wireless network access.
- Add-on optional GSM modem for SMS notification.

Applications

- CZ506 allows UPS to be monitor on network.
When the UPS connects with CZ506, 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 CZ506, which connects to the UPS. When there is a power abnormal condition happens, the CZ506 could also send the trap information to the system manager to take proper action.
- CZ506 Provides Shutdown Utilities.
When a computer install our shutdown software in the network that connects to the CZ506, 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.
- CZ506 for Surrounding Monitoring.
CZ506 with USB ports could connect to optional sensor- NetFeeler USB to get the surrounding temperature/humidity/smoke/fire signals. This information could also reveal on the CZ506 Web page. When there is an abnormal condition happened, it could also send as a trap to the system manager.
- CZ506 can be connected to a third-party monitoring platform.
CZ506 supports SNMP v3 to securely access third-party monitoring platforms, and supports Modbus TCP access. Users can easily access CZ506 through these two methods to obtain current UPS data.

1. General specifications

CPU	ARM 300MHz 32Bit
System Clock	300MHz
Flash Memory	128M Byte
SDRAM	128M Byte
LED	3
Watch Dog	Yes
USB Port	1
Environment Port	No Real Time Clock Yes
LCD Display	No
LAN Interface	10M/100M UTP
Ethernet Throughput	1620K Byte per seconds
Ethernet Latency	0.759 milliseconds

2. Power specifications

NetAgent 9

ITEM	MINIMUM	MAXIMUM
DC Input Voltage	+5.3V	+40V
DC Input Current		3W Maximum

3. 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

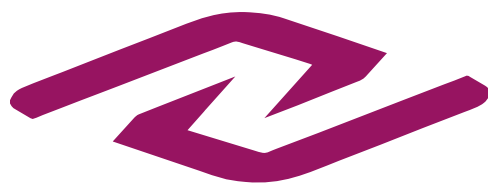
4. Environment Specification

PARAMETER	CONDITIONS	Minimum	Maximum
Operating Temperature		0 °C	60 °C
Storage Temperature		-40 °C	125 °C
Operating Humidity	Non-Condensing	10% RH	90% RH
Storage Humidity	Non-Condensing	5% RH	95% RH

EMI
FCC Class B, CE

5. Dimension

Dimension	133.3mm(L) x 68.4mm(W) x 43.1mm(H)
Weight	70.0g ± 2g



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UNIT



Diloc



Elsist



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