

SNMP WEB BOX

ENGINEERING SPECIFICATIONS

Hardware specification

:: CPU

Freescale iMX280

:: Memory

NAND Flash – 128M Bytes

DDR2 – 128 MBytes

:: Ethernet Connector

10 / 100 BaseT RJ-45, auto switch.

:: Power Input and Consumption

12V DC regulated , power consumption under 3 watts.

:: Size

128.5 x 75 x 28 mm(L x W x H)

:: Network Interface

UTP Fast Ethernet 10/100BastT RJ-45, auto-sense

:: Serial Port

Two RS-232 ports. one used as a master to poll the EMD device
another is golden finger type serial port and connected to UPS.

:: Real Time Clock

Hardware real time clock and can be adjusted by SNTP.

:: Firmware Upgradeable

Upgrades firmware via a web browser or SSH/SCP

:: SSH Management

Allows management via SSH

:: Telnet Management

Allows management via telnet ,default disable

:: IPV4/6

Supports IPV4 and IPV6

::Battery

High-efficient capacitor. Exclusively provides power to RTC. After fully charged, it can provide 4-day power during power failure.

:: Reset jumper

It can reset to default factory setting for IP address and password.

::Data /Event log

Supports 200,000 threads of logs and 200,000 data logs. No data loss during power failure.

:: SNMP Network Management

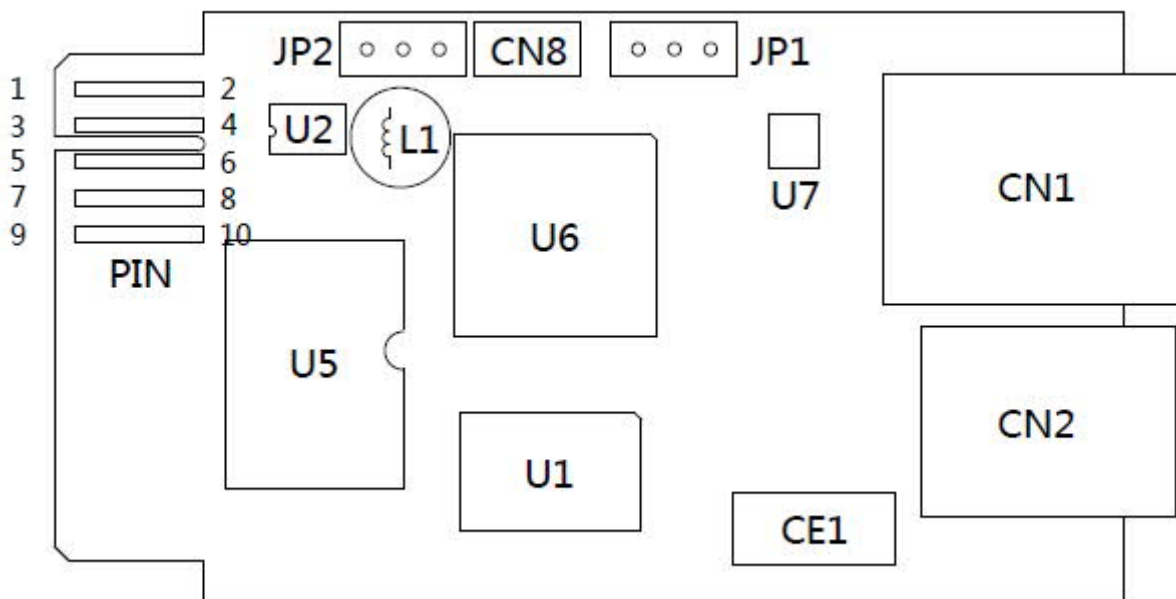
Supports both SNMP v1 , v2c and V3, Supports RFC 1213 (MIB-II), RFC 1628 (UPS MIB) , and private UPS extension MIB. Compatible with any standard SNMP NMS

:: Web Network Management

Supports HTTP , HTTPS , Combined with HTML.CGI

:: Operating Environment

0 to 70 degree C



PIN : Golden finger
 JP2: Debug port
 CN8: USB FW burn port
 JP1: Reset jumper
 U2: Max 3232 RS232 clip
 L1: Capacitance
 U6:iMX280
 U7:Ethernet transceiver
 CN1:RJ45 Ethernet port
 U5: 128MB Nand Flash
 U1: 128MB DDR2
 CE1:Battery
 CN2:RJ11 RS232 port

Golden Finger Pin Define

Pin	Pin Descript
1	GND
2	+12V
3	TXD
4	RXD
9	GND
5,6,7,10	Not used

Pin assignment for JP1:

Pin #	Status	Description
Pin 1 & Pin 2	Closed	Normal operation
Pin 2 & Pin 3	Closed	After re-connecting utility, the IP address of SNMP web card and password will restore to default setting .The default setting is using DHCP, if there is no DHCP server ,the SNMP will use static IP address: (192.168.102.230) Default password: 12345678

CN2 pin define



RJ-11

Pin	Descript
1	GND
2	+12V Power
3	TXD
4	RXD