

Installation and Configuration Guide

1. Preparation

1.1. UPS SNMP IPv6 Card.



1.2. The new RJ45 to DB9 console cable with USB port.



- 1.3. USB Modem with SIM card: BandLuxe C120, ZTE MF637, HUAWEI E176G, E1750, E180, (E3131).
- 1.4. UPS SNMP IPv6 card for UPS firmware greater or equal to v01.12.17b.Download the UPS firmware of SNMP IPv6 card from http://59.125.232.140

2. Hardware Install

- 2.1. Insert the SNMP IPv6 card in an UPS.
- 2.2. Connect the network cable to the RJ45 network port.
- 2.3. Connect the USB console cable to the RJ45 console port.
- 2.4. Plug the USB Modem to the USB port on the USB console cable.



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2.5. Press the reset button on the SNMP IPv6 card to restart the system. (Please note that, each time the USB modem is connected you have to reset the card.)

3. SNMP IPv6 Card Firmware Upgrade

3.1. Run the **EzSetting.exe** utility which is included in the downloaded firmware package, select the network from the LAN option.



- 3.2. Press the **Discover** button to search the card in the LAN.
- 3.3. Select the found card, press the **Modify** button to key in the account and password.



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Press "Discover"	button to search a	IP devices in th	ne I AN Discover		LAN			
	button to scarch a	in devices in a	Discover			10.0.10.123		
Then select one of device in the "Device List" which you would like to configure or upgrade it. But before to do that please provide the account name and password by pressing the "Modify" button.						Subnet:		
Configuration" i	"Configuration" is used to setup the IP address, netmask, enable or disable						10.0.10.0	
R networking services						IPv4 Mask / IPv6 Prefix length		
"Upgrade" butto	n is used to load th	e device firm	ware file then	transmit it to	Upgrade		255,255,255,0	
the single select	ed device. (Ignore	the checkbox	0					
evice List								
IP Address	Host Name	Account	Password	Version	Model/Product	-	<u>A</u> dd	
010.000.010.171	INSIGHTPOW		77777777	01.12.10	EMS2000		Add an new item of SNMP dev	
010.000.010.105	INSIGHTPOW	admin	*******	01.12.12	GES302N1000		to the Device List manually.	
010.000.010.170	INSIGHTPOW		222225	01.12.11	EMS2000	E	Madifi	
010.000.010.188	Schneider		25252555	1.0	PVSNVC5000S		Moully	
172.16.188.90	MCIS-SW-2012		2222222	1.07	EMS3000		Set the account and password	
172.16.188.80	UPS-FW-IDC		222222	1.07	EMS3000		for the selected device.	
192.168.178.1	UPS-FW-IDC		2222222	1.07	EMS3000		Remove	
10.0.10.103	UPS-FW-IDC		????????	1.07	EMS3000	-		
< [m				•		from the Device List	
Select <u>All</u> De	eselect All							

3.4. Press the **Upgrade** button and load the v01.12.13 version firmware file.

Select Firmware File	
Firmware File Name:	Browse
D:\TRI\Embeded_Linu	x\ST\workspace\release\UPS
File Information:	
Deaducts use Mars 01	.12.13
Product: ups, ver: 01	

- 3.5. Press the **Upgrade Now** button to upgrade the card firmware.
- 3.6. Please wait about 1 minute and check the LEDs of the card.

4. Configuration

- 4.1. Run a web browser and login to the card.
- 4.2. Goes to System -> Notification -> SMS web page. If the COM Port list is empty then it means the card can not recognize the USB modem.

	0.0.10.10	5/home.asp	・ c × ● InsightPower SNMP IPv6 f	. ×	
	A The	power behind competitive	InsightPower SNMP IPv6 for l	togout	English •
Monitor	Device	System		3/3101111110.1110.0330	2013 ANI 02.12.2
Administration		Notification			
SNMP Access	0	System » Notification	» SMS		
SNMPV3 USM	0	SMS Configu	Iration		
SNMP Trap	0				
/lail Server	0		COM Port //dev/tyUSB2 - Baud Rate: 115200		
Wake On LAN	0		Submit		
SMS	0		Mobile Phone List		
			Mobile Phone: 000000000 Event Level: None Add Test SMS		
			Mobile Phone	Event Level	_
		1	000000000	None	= J
			m		,

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4.3. Please set the baud rate to 115200 but different model need to select different COM Port as the following: BandLuxe C120: /dev/ttyUSB0
ZTE MF637: /dev/ttyUSB2
HUAWEI E176G: /dev/ttyUSB1
HUAWEI E1750: /dev/ttyUSB2

(HUAWEI E3131): /dev/ttyUSB3

- (a) (b) http://10	0.0.10.10	5/home.asp	・ c × ● InsightPower S	SNMP IPv6 f ×		- • ×
	A The	power behind competitive	InsightPower SNMP I	Pv6 for UPS Web	📩 Home 🛄 Logout	English 🔻
Monitor	Device	System			System Time . The objoin	2013 AM 02.12.2
Administration	1 1	lotification				
INMP Access	0	System » Notification	» SMS			
SNMPv3 USM	0	► SMS Configu	ration			
SNMP Trap	0					
lail Server	0		COM Port /dev/ttyUSB2 Baud Rate: /dev/ttyUSB0 /dev/ttyUSB1			
Wake On LAN	0		/dev/tt/USB2	ubmit		
SMS	0		Mobile	Phone List		
			Mobile Phone: 0000000000			
			Event Level: None - Add	Test SMS		
			Mobile Phone	1	Event Level	
		1	000000000		None	
		-				

4.4. Key in the mobile phone number and select the Event Level then press the **Add** button. You can add up to **16** mobile phone numbers.

100000000000000000000000000000000000000	114647407000000	-		System Time : Thu 05/30	/2013 AM 02:22:43
Monitor	Device	System			
NMP Access	0	System » Notification	n » SMS		
NMPv3 USM	0	SMS Config	juration		
NMP Trap	0				
ail Server	0		COM Port: /dev/ttyUSB2		
laha Oa LAN	-		Baud Rate: 115200		
ake on LAN			Submit		
MS	0		Mobile Phone Li	st	
			Mobile Phone: 0939371713	1	
			Event Level: Warning -		
	- 1		Add Update Delete	Test SMS	
	- 1	-	Mobile Phone	Event Level	_
		1	0939371713	Warning	
		2	0972635241	Alarm	

4.5. Press the **Test SMS** button to send the test message to the assigned mobile

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